Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
Data Information Packet Name: Part					
|__Part-Identification-Group		group	1	0600	part-identification
| |__Part-Identifier-Source-Group		choice	1	0600	product-identifier-source
| | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier
| | | |__Company-Name		field	0:1	0170	enterprise-name
| | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| |__Part-Identifier-Group		group	1	0600	part-identifier
| | |__Part-Number		field	1	0024	product-identifier
| | |__Part-Parameters-Group		group	0:N	0600	part-parameters
| | | |__Part-Classification-Code		field	1	0036	part-classification-type-code
| | | |__Part-Classification-Value		field	1	0037	part-classification-type-value
|__Part-Defining-Document-Identification-Group		group	0:N	0600	product-defining-document-identification
| |__Defining-Document-Identifier-Source-Group		choice	1	0600	defining-document-entity-identifier
| | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | |__Company-Name		field	0:1	0170	enterprise-name
| | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| |__Defining-Document-Identifier		field	1	0266	document-source-assigned-alphanumeric-identifier
|__Altered-Item-Identification-Group	The identification of the item that has been physically altered.	group	0:1	0600	altered-item-identification
| |__Altered-Item-Identifier-Source-Group		choice	1	0600	altered-item-product-source-identifier
| | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier
| | | |__Company-Name		field	0:1	0170	enterprise-name
| | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| |__Altered-Item-Identifier		field	1	0024	product-identifier
|__Vendor-Part-Identification-Group		group	0:1	0600	vendor-product-identification
| |__Vendor-Part-Identifier-Source-Group		choice	1	0600	vendor-product-identifier-source
| | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier
| | | |__Company-Name		field	0:1	0170	enterprise-name
| | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| |__Vendor-Part-Identifier-Group		group	1	0600	vendor-product-identifier
| | |__Part-Number		field	1	0024	product-identifier

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | |__Part-Parameters-Group		group	0:N	0600	part-parameters
| | | |__Part-Classification-Code		field	1	0036	part-classification-type-code
| | | |__Part-Classification-Value		field	1	0037	part-classification-type-value
|__Replacing-Part-Group		group	0:1	0600	replacing-product
| |__Replacing-Part-Identification-Group		group	1	0600	replacing-product-identification
| | |__Replacing-Part-Identifier-Source-Group		choice	1	0600	replacing-product-identifier-source
| | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier
| | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | |__Replacing-Part-Identifier-Group		group	1	0600	part-identifier
| | | |__Part-Number		field	1	0024	product-identifier
| | | |__Part-Parameters-Group		group	0:N	0600	part-parameters
| | | | |__Part-Classification-Code		field	1	0036	part-classification-type-code
| | | | |__Part-Classification-Value		field	1	0037	part-classification-type-value
| |__Part-Replacement-Type-Code		field	1	0106	product-replacement-type-code
|__Part-Status-Code		field	0:1	0035	product-status-code
|__Stock-Number-Group		group	0:N	0600	stock-number
| |__Stock-Number		field	1	0049	product-stock-identifier
| |__Stock-Number-Type		field	1	0333	stock-number-type
| |__Company-Name	If stock-number-type = 'Commercial', the element is non-blank else element is blank.	field	0:1	0170	enterprise-name
|__Part-Name		field	1	0191	product-name

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
|__CI-Identification-Group		group	0:1	0600	configuration-item-identifier
| |__CI-Designator-Source-Document		field	1	0051	configuration-item-designation-convention-document-code
| |__CI-Product-Type-Code		field	1	0115	configuration-item-product-type-code
| |__CI-Designator		field	1	0045	configuration-item-product-designation-identifier
|__Part-Life-Group		group	0:N	0600	part-life
| |__Part-Shelf-Life-Group		group	0:N	0600	part-shelf-life
| | |__Part-Shelf-Life-Code		field	1	0094	supply-item-control-shelf-life-code
| | |__Part-Shelf-Life-Storage-Type		field	1	0033	product-shelf-life-storage-type
| |__Part-Service-Life-Group		group	0:N	0600	part-service-life
| | |__Part-Service-Life-Period		field	1	0086	product-service-life-period-quantity
| | |__Part-Service-Life-Period-Unit-Code		field	1	0232	period-unit-code
| | |__Product-Service-Life-Usage		field	1	0038	product-service-life-usage
|__Part-Electrostatic-Discharge-Code		field	0:1	0074	supply-item-electrostatic-discharge-electromagnetic-interference-code
|__Part-Weight-Group		group	0:1	0600	part-weight
| |__Part-Weight		field	1	0114	part-unit-weight
| |__Part-Weight-Unit-Code		field	1	0054	part-measurement-unit-code
|__Hazardous-Material-Code		field	0:1	0078	supply-item-hazardous-material-code
|__Part-Precious-Metal-Code		field	1	0093	supply-item-precious-metals-indicator-code
|__Part-Effectivity-Tracking-Type-Code		field	0:1	0057	product-change-effectivity-tracking-type-code

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
Data Information Packet Name: Software					
|__Software-Identification-Group		group	1	0600	software-identification
| |__Software-Identifier-Source-Group		choice	1	0600	product-identifier-source
| | |__Human-Personal-Identifier-Group		group	1	0600	human-personal-identifier
| | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | |__Company-Name		field	0:1	0170	enterprise-name
| | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| |__Software-Identifier		field	1	0024	product-identifier
|__Software-Defining-Document-Identification-Group		group	0:N	0600	software-defining-document-identification
| |__Defining-Document-Identifier-Source-Group		choice	1	0600	defining-document-entity-identifier
| | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | |__Company-Name		field	0:1	0170	enterprise-name
| | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| |__Defining-Document-Identifier		field	1:N	0266	document-source-assigned-alphanumeric-identifier
|__Security-Protection-Group		group	1	0600	security-protection
| |__Government-Security-Classification-Group		group	1	0600	government-security-classification

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | |__Government-Security-Classification-Code		field	1	0010	document-security-classification-code
| | |__Classification-Information-Group		group	0:1	0600	classification-information
	If Government security class equals 'U' or 'FOUO' then the Classification information group is blank else the Classification information group is non- blank				
| | | |__Classification-Authority-Text		field	1	0155	document-security-classification-authority-text
| | | |__Classified-Date-Time-Group		group	1	0600	classified-date-time
| | | | |__Date		field	1	0082	document-security-classification-date
| | | | |__Time		field	0:1	0160	document-security-classification-time
| | | |__Access-Restriction-Code		field	0:N	0085	document-security-access-restriction-code
| | | |__Downgrade-Information-Group		group	0:1	0600	downgrade-information
	If Government security class not equal 'U', 'FOUO', 'C', 'NC' or 'NR' then the Downgrade information group is non-blank else the Downgrade information group is blank				
| | | | |__Downgrade-Classification-Code		field	1	0010	document-security-classification-code
| | | | |__Downgrade-Event-Date-Time-Group		choice	1	0600	downgrade-event-date-time
| | | | | |__Downgrade-Date-Time-Group		group	0:1	0600	downgrade-date-time
| | | | | | |__Date		field	1	0082	document-security-classification-downgrade-date
| | | | | | |__Time		field	0:1	0160	document-security-classification-downgrade-time
| | | | | |__Downgrade-Event		field	0:1	0156	document-security-classification-downgrade-process-event-name
| | | |__Declassify-Date-Time-Group		group	1	0600	declassify-date-time
| | | | |__Date		field	1	0082	document-security-declassification-date
| | | | |__Time		field	0:1	0160	document-security-declassification-time
| |__Copyright-Information-Group		group	1	0600	copyright-information-group
| | |__Copyright-Type		field	1	0012	document-copyright-code
| | |__Copyright-Owner-Identification-Group		choice	0:1	0600	copyright-owner-identification
	If Copyright type equal 'N' then element is blank else element is non-blank				
| | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier
| | | | |__Company-Name		field	0:1	0170	enterprise-name

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | |__Copyright-Date-Time-Group		group	0:1	0600	copyright-date-time
	If Copyright type equal 'N' then copyright-date-time group is blank else copyright-date-time group is non-blank				
| | | |__Date		field	1	0082	document-copyright-date
| | | |__Time		field	0:1	0160	document-copyright-time
| |__Distribution-Information-Group		group	1	0600	distribution-information
| | |__Distribution-Statement-Code-Group		group	1	0600	distribution-statement-code
| | | |__Distribution-Statement-Code		field	1	0014	document-distribution-statement-code
| | | |__Distribution-Statement-Reason-Code		field	1:N	0015	document-distribution-statement-reason-code
| | |__Distribution-Statement-Information-Group		group	0:1	0600	distribution-statement-information
	If Distribution statement code equal "A" and the Distribution statement reason code equal "00" then the Distribution statement information group is blank else the Distribution statement information group is non-blank				
| | | |__Distribution-Statement-Determination-Date-Time-Group		group	1	0600	distribution-statement-date-time
| | | | |__Date		field	1	0082	document-distribution-restriction-determination-date
| | | | |__Time		field	0:1	0160	document-distribution-restriction-determination-time
| | | |__Distribution-Controlling-Office-Group		group	1	0600	distribution-controlling-office
| | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | |__Distribution-Controlling-Office-Name		field	0:1	0044	document-distribution-controller-enterprise-office-name
| |__Export-Control-Restriction-Code		field	1	0079	document-export-control-code
	If distribution-statement-code equals 'A' then element must be 'N'; If distribution-statement-code equals 'X' then element must be 'Y'.				
| |__Data-Rights-Information-Group		group	1	0600	data-rights-information
| | |__Government-Rights-In-Technical-Data-Code		field	1	0022	technical-document-government-data-rights-code

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | |__Company-Proprietary-Rights-Code		field	1	0084	document-company-proprietary-data-rights-code
	If the Government Rights in Technical Data code equal 'U' then the element is either 'N' or 'S' else the element is 'P'.				
| | |__Company-Name		field	0:1	0170	enterprise-name
	If the Government rights in Technical Data code equal "U" and the Company Proprietary rights code equal "N" then the Company name is blank else the Company name is non-blank				
| | |__Contract-Authorizing-Government-Rights-Group		group	0:1	0600	contract-identifier-information-authorizing-government-rights
	If the Government rights in Technical Data code equal 'U' or 'N' then the element is blank else the element is non-blank.				
| | | |__Data-Rights-Contract-Number		field	1	0266	document-source-assigned-alphanumeric-identifier
| | | |__Data-Rights-Contract-Date-Time-Group		group	1	0600	contact-data-rights-date-time
| | | | |__Date		field	1	0082	contract-date
| | | | |__Time		field	0:1	0160	contract-time

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
Data Information Packet Name: Part-Relationship					
|__Parent-Part-Identification-Group		group	1	0600	parent-part-identification
| |__Parent-Part-Identifier-Source-Group		choice	1	0600	parent-part-identifier-source
| | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier
| | | |__Company-Name		field	0:1	0170	enterprise-name
| | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| |__Parent-Part-Identifier-Group		group	1	0600	parent-part-identifier
| | |__Part-Number		field	1	0024	product-identifier
| | |__Part-Parameters-Group		group	0:N	0600	part-parameters
| | | |__Part-Classification-Code		field	1	0036	part-classification-type-code
| | | |__Part-Classification-Value		field	1	0037	part-classification-type-value
|__Child-Group		group	1:N	0600	child
| |__Child-Relationship-Type		field	1	0048	relationship-type
| |__Child-Relationship-Group		choice	1	0600	child-relationship
| | |__Child-Part-Group		group	0:1	0600	child-part
	If Child Relationship Type = CP, IP, PP or RP, element must be non-blank else element must be blank.				
| | | |__Child-Part-Identification-Group		group	1	0600	child-part-identification
| | | | |__Part-Identifier-Source-Group		choice	1	0600	product-identifier-source
| | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | |__Part-Identifier-Group		group	1	0600	part-identifier
| | | | | |__Part-Number		field	1	0024	product-identifier
| | | | | |__Part-Parameters-Group		group	0:N	0600	part-parameters
| | | | | | |__Part-Classification-Code		field	1	0036	part-classification-type-code
| | | | | | |__Part-Classification-Value		field	1	0037	part-classification-type-value
| | | |__Quantity		field	1	0053	part-component-quantity
| | | |__Quantity-Estimated		field	1	0060	part-quantity-estimate-code
| | | |__Unit-Of-Measure		field	1	0054	part-measurement-unit-code
| | | |__Find-Number		field	0:1	0027	part-document-item-identifier
| | | |__Preferred-Alternate-Substitute-Indicator-Group		group	0:1	0600	preferred-alternate-substitute-indicator
	Preferred-Alternate-Substitute Indicator Group may be blank only if the child part is a preferred part else Preferred-Alternate-Substitute Indicator Group must be non-blank.				
| | | | |__Preferred-Alternate-Substitute-Part-Indicator-Code		field	1	0258	part-priority-indicator-code
| | | | |__Preferred-Part-For-Which-This-Is-An-Alternate-Or-Substitute		group	0:1	0600	preferred-part
	If Preferred-Alternate-Substitute Part Indicator Code = 'A' or 'S', must be non-blank.				
| | | | | |__Part-Identifier-Source-Group		choice	1	0600	product-identifier-source
| | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier
| | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | |__Part-Identifier-Group		group	1	0600	part-identifier
| | | | | | |__Part-Number		field	1	0024	product-identifier
| | | | | | |__Part-Parameters-Group		group	0:N	0600	part-parameters
| | | | | | | |__Part-Classification-Code		field	1	0036	part-classification-type-code
| | | | | | | |__Part-Classification-Value		field	1	0037	part-classification-type-value
| | |__Child-Software-Identification-Group		group	0:1	0600	child-software-identification
	If Child Relationship Type = CS, element must be non-blank, else element must be blank.				
| | | |__Child-Software-Indentifier-Source-Group		choice	1	0600	child-software-identifier-source
| | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | |__Child-Software-Identifier		field	1	0024	product-identifier
| | |__Reference-Document-Identification-Group		group	0:1	0600	reference-document-identification
	If Child Relationship Type = RD, element must be non-blank, else element must be blank				
| | | |__Document-Identifier-Source-Group		choice	1	0600	document-identifier-source
| | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | |__Document-Identifier		field	1	0266	document-source-assigned-alphanumeric-identifier
| | | |__Revision-Identification-Group		choice	0:1	0600	revision-identification
| | | | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | | | | |__Date		field	1	0082	document-revision-generic-date
| | | | | |__Time		field	0:1	0160	document-revision-generic-time
| | | | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
Data Information Packet Name: Drawing					
|__Base-Document-Identification-Group		group	1	0600	base-document-identification
| |__Document-Identifier-Source-Group		choice	1	0600	document-identifier-source
| | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | |__Company-Name		field	0:1	0170	enterprise-name
| | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| |__Document-Identifier		field	1	0266	document-source-assigned-alphanumeric-identifier
|__Document-Revision-Group		group	1	0600	document-revision
| |__Revision-Identification-Group		choice	1	0600	revision-identification
| | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | | |__Date		field	1	0082	document-revision-generic-date
| | | |__Time		field	0:1	0160	document-revision-generic-time
| | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier
| |__Revision-Status-Group		group	1	0600	document-revision-status
| | |__Revision-Status-Code		field	1	0021	document-revision-approval-process-disposition-status-code
| | |__Revision-Status-Date-Time-Group		group	1	0600	document-revision-status-date-time
| | | |__Date		field	1	0082	document-revision-approval-process-disposition-status-date
| | | |__Time		field	0:1	0160	document-revision-approval-process-disposition-status-time
|__Drawing-Document-Subsidiary-Type-Group		choice	1	0600	drawing-document-subsidiary-type
| |__Design-Information-Drawings-Subsidiary-Type-Code		field	0:1	0097	Design-information-drawings-subsidiary-type-code
| |__Hardware-Software-Drawings-Subsidiary-Type-Code		field	0:1	0124	Hardware-software-drawings-subsidiary-type-code

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| |__Control-Drawing-Type-Code		field	0:1	0032	administrative-control-drawing-document-type-code
|__Document-Title		field	1	0008	document-name
|__Document-Preparation-Date-Time-Group		group	1	0600	document-preparation-date-time
| |__Date		field	1	0082	document-preparation-date
| |__Time		field	0:1	0160	document-preparation-time
|__Drawing-Note-Group		group	0:N	0600	drawing-note
| |__Drawing-Note-Identifier		field	1	0251	engineering-drawing-document-note-identifier
| |__Drawing-Note-Text		field	1	0252	engineering-drawing-document-note-text
|__Special-Condition-Code		field	0:N	0257	engineering-document-special-condition-code
|__Hazardous-Material-Code		field	0:1	0078	supply-item-hazardous-material-code
|__Separate-Parts-List-Code		field	1	0025	separate-parts-list-document-code
|__CDCA-Group		group	1	0600	current-document-change-authority
| |__CDCA-Identification-Group		group	1	0600	current-document-change-authority-identification
| | |__CDCA-Identifier-Group		choice	1	0600	current-document-change-authority-identifier
| | | |__Company-Name		field	0:1	0170	enterprise-name
| | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | |__CDCA-Office-Name		field	0:1	0044	current-document-design-control-enterprise-office-name
| |__CDCA-Effective-Date-Time-Group		group	0:1	0600	current-document-change-authority-effective-date-time
| | |__Date		field	1	0082	document-change-control-authority-effective-date
| | |__Time		field	0:1	0160	document-change-control-authority-effective-time
|__Product-Defined-Group		choice	0:N	0600	product-defined
| |__Part-Identification-Group		group	0:1	0600	part-identification
| | |__Part-Identifier-Source-Group		choice	1	0600	product-identifier-source
| | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier
| | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | |__Part-Identifier-Group		group	1	0600	part-identifier
| | | |__Part-Number		field	1	0024	product-identifier
| | | |__Part-Parameters-Group		group	0:N	0600	part-parameters
| | | | |__Part-Classification-Code		field	1	0036	part-classification-type-code
| | | | |__Part-Classification-Value		field	1	0037	part-classification-type-value
| |__Software-Identification-Group		group	0:1	0600	software-identification
| | |__Software-Identifier-Source-Group		choice	1	0600	product-identifier-source
| | | |__Human-Personal-Identifier-Group		group	1	0600	human-personal-identifier
| | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | |__Software-Identifier		field	1	0024	product-identifier
|__Related-Document-Group		group	0:N	0600	related-document
| |__Related-Document-Relationship-Type	Must be either 'RD' or 'IA'	field	1	0048	relationship-type

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| |__Related-Document-Identifier-Source-Group		choice	1	0600	related-document-identifier-source
| | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | |__Company-Name		field	0:1	0170	enterprise-name
| | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| |__Related-Document-Identifier		field	1	0266	document-source-assigned-alphanumeric-identifier
| |__Related-Document-Revision-Identification-Group		choice	0:1	0600	related-document-revision-identification
| | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | | |__Date		field	1	0082	document-revision-generic-date
| | | |__Time		field	0:1	0160	document-revision-generic-time
| | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier
|__ECP-Authorizing-This-Revision-Group		group	0:N	0600	engineering-change-proposal-authorizing-this-revision
| |__ECP-Identifier-Source-Group		choice	1	0600	engineering-change-proposal-identifier-source
| | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | |__Company-Name		field	0:1	0170	enterprise-name
| | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| |__ECP-Identifier		field	1	0266	document-source-assigned-alphanumeric-identifier
| |__ECP-Revision-Identification-Group		choice	0:1	0600	engineering-change-proposal-revision-identification
| | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | | |__Date		field	1	0082	document-revision-generic-date
| | | |__Time		field	0:1	0160	document-revision-generic-time
| | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier
|__Security-Protection-Group		group	1	0600	security-protection
| |__Government-Security-Classification-Group		group	1	0600	government-security-classification
| | |__Government-Security-Classification-Code		field	1	0010	document-security-classification-code
| | |__Classification-Information-Group		group	0:1	0600	classification-information
	If Government security class equals 'U' or 'FOUO' then the Classification information group is blank else the Classification information group is non- blank				
| | | |__Classification-Authority-Text		field	1	0155	document-security-classification-authority-text
| | | |__Classified-Date-Time-Group		group	1	0600	classified-date-time
| | | | |__Date		field	1	0082	document-security-classification-date
| | | | |__Time		field	0:1	0160	document-security-classification-time
| | | |__Access-Restriction-Code		field	0:N	0085	document-security-access-restriction-code
| | | |__Downgrade-Information-Group		group	0:1	0600	downgrade-information
	If Government security class not equal 'U', 'FOUO', 'C', 'NC' or 'NR' then the Downgrade information group is non-blank else the Downgrade information group is blank				
| | | | |__Downgrade-Classification-Code		field	1	0010	document-security-classification-code
| | | | |__Downgrade-Event-Date-Time-Group		choice	1	0600	downgrade-event-date-time
| | | | | |__Downgrade-Date-Time-Group		group	0:1	0600	downgrade-date-time
| | | | | | |__Date		field	1	0082	document-security-classification-downgrade-date
| | | | | | |__Time		field	0:1	0160	document-security-classification-downgrade-time
| | | | | |__Downgrade-Event		field	0:1	0156	document-security-classification-downgrade-process-event-name
| | | |__Declassify-Date-Time-Group		group	1	0600	declassify-date-time
| | | | |__Date		field	1	0082	document-security-declassification-date
| | | | |__Time		field	0:1	0160	document-security-declassification-time
| |__Copyright-Information-Group		group	1	0600	copyright-information-group

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | |__Copyright-Type		field	1	0012	document-copyright-code
| | |__Copyright-Owner-Identification-Group		choice	0:1	0600	copyright-owner-identification
	If Copyright type equal 'N' then element is blank else element is non-blank				
| | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier
| | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | |__Copyright-Date-Time-Group		group	0:1	0600	copyright-date-time
	If Copyright type equal 'N' then copyright-date-time group is blank else copyright-date-time group is non-blank				
| | | |__Date		field	1	0082	document-copyright-date
| | | |__Time		field	0:1	0160	document-copyright-time
| |__Distribution-Information-Group		group	1	0600	distribution-information
| | |__Distribution-Statement-Code-Group		group	1	0600	distribution-statement-code
| | | |__Distribution-Statement-Code		field	1	0014	document-distribution-statement-code
| | | |__Distribution-Statement-Reason-Code		field	1:N	0015	document-distribution-statement-reason-code
| | |__Distribution-Statement-Information-Group		group	0:1	0600	distribution-statement-information
	If Distribution statement code equal "A" and the Distribution statement reason code equal "00" then the Distribution statement information group is blank else the Distribution statement information group is non-blank				
| | | |__Distribution-Statement-Determination-Date-Time-Group		group	1	0600	distribution-statement-date-time
| | | | |__Date		field	1	0082	document-distribution-restriction-determination-date
| | | | |__Time		field	0:1	0160	document-distribution-restriction-determination-time
| | | |__Distribution-Controlling-Office-Group		group	1	0600	distribution-controlling-office
| | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | |__Distribution-Controlling-Office-Name		field	0:1	0044	document-distribution-controller-enterprise-office-name
| |__Export-Control-Restriction-Code		field	1	0079	document-export-control-code
	If distribution-statement-code equals 'A' then element must be 'N'; If distribution-statement-code equals 'X' then element must be 'Y'.				
| |__Data-Rights-Information-Group		group	1	0600	data-rights-information
| | |__Government-Rights-In-Technical-Data-Code		field	1	0022	technical-document-government-data-rights-code
| | |__Company-Proprietary-Rights-Code		field	1	0084	document-company-proprietary-data-rights-code
	If the Government Rights in Technical Data code equal 'U' then the element is either 'N' or 'S' else the element is 'P'.				
| | |__Company-Name		field	0:1	0170	enterprise-name
	If the Government rights in Technical Data code equal "U" and the Company Proprietary rights code equal "N" then the Company name is blank else the Company name is non-blank				
| | |__Contract-Authorizing-Government-Rights-Group		group	0:1	0600	contract-identifier-information-authorizing-government-rights
	If the Government rights in Technical Data code equal 'U' or 'N' then the element is blank else the element is non-blank.				
| | | |__Data-Rights-Contract-Number		field	1	0266	document-source-assigned-alphanumeric-identifier
| | | |__Data-Rights-Contract-Date-Time-Group		group	1	0600	contact-data-rights-date-time
| | | | |__Date		field	1	0082	contract-date
| | | | |__Time		field	0:1	0160	contract-time
|__Sheet-Management-Group		choice	1	0600	sheet-management
| |__Non-Sheet-Managed-Document-Group		group	0:1	0600	non-sheet-managed-document
| | |__Document-Representation-Group		group	1:N	0600	document-representation
| | | |__Document-Representation-Originator-Group		choice	1	0600	document-representation-originator
| | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | |__Document-Representation-Custodian-Group		choice	1	0600	document-representation-custodian
| | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | |__Document-Representation-Custodian-Office-Name		field	1	0044	document-custodial-enterprise-office-name
| | | |__Document-Representation-Version-Group		group	1	0600	document-representation-version
| | | | |__Version-Identification-Group		field	1	0600	version-identification
| | | | | |__Version-Date-Time-Group		group	1	0600	version-date-time
| | | | | | |__Date		field	1	0082	document-representation-creation-date
| | | | | | |__Time		field	0:1	0160	document-representation-creation-time
| | | | | |__Alphanumeric-Version-Identifier		field	1	0208	document-representation-version-identifier
| | | | |__Version-Status-Group		group	1	0600	version-status
| | | | | |__Version-Status-Code		field	1	0021	document-representation-release-process-disposition-status-code
| | | | | |__Version-Status-Date-Time-Group		group	1	0600	version-status-date-time
| | | | | | |__Date		field	1	0082	document-representation-release-process-disposition-status-date
| | | | | | |__Time		field	0:1	0160	document-representation-release-process-disposition-status-time
| | | |__Document-Representation-Medium-Code		field	1	0326	document-representation-medium-identification-code
| | | |__Document-Representation-Medium-Group		choice	1	0600	representation-medium
| | | | |__Digital-Representation-Group		group	0:1	0600	digital-document-representation-information
	If Document representation medium code = 'D' then Digital representation group is non-blank else Digital representation group is blank				
| | | | | |__Digital-Representation-Target-Environment-Type-Code		field	1	0210	document-file-type-code
| | | | | |__Target-Environment-Group		choice	0:1	0600	target-environment

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | |__Standards-Based-Group	If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'STAND' then element is non-blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'PLANG' then element is blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) is not equal to 'STAND' or 'PLANG', then element may be non-blank.	group	0:1	0600	standards-based
| | | | | | | |__Standards-Based-Identifier-Source-Group		choice	1	0600	standards-based-identifier-source
| | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier
| | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | |__Standards-Based-Document-Identifier		field	1	0266	document-source-assigned-alphanumeric-identifier
| | | | | | | |__Standards-Based-Document-Revision-Group		choice	1	0600	standards-based-document-revision
| | | | | | | | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | | | | | | | | |__Date		field	1	0082	document-revision-generic-date
| | | | | | | | | |__Time		field	0:1	0160	document-revision-generic-time
| | | | | | | | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier
| | | | | | |__Proprietary-Software-Based-Group	If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'PLANG' then element is non-blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'STAND' then element is blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) is not equal to 'STAND' or 'PLANG', then element may be non-blank.	group	0:1	0600	proprietary-software-based
| | | | | | | |__Proprietary-Software-Based-Identifier-Source-Group		choice	1	0600	proprietary-software-based-identifier-source
| | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | |__Proprietary-Software-Based-Identifier		field	1	0024	product-identifier
| | | | | |__File-Identification-Group		group	1:N	0600	file-identification
| | | | | | |__File-Identifier		field	1	0206	electronic-document-file-identifier
| | | | | | |__File-Identifier-Source-Group		choice	0:1	0600	file-identifier-source
| | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | |__File-Origination-Date-Time-Group		group	1	0600	File-origination-date-time
| | | | | | |__Date		field	1	0082	electronic-document-file-creation-date
| | | | | | |__Time		field	1	0160	electronic-document-file-creation-time
| | | | | | |__File-Description		field	0:1	0212	document-file-description-text
| | | | | | |__File-Compression-Method-Code		field	0:1	0214	document-file-compression-method-code
| | | | | | |__File-Type-Group		group	1	0600	file-type
| | | | | | | |__File-Type-Code		field	1	0210	document-file-type-code
| | | | | | | |__File-Type-Information-Group		choice	0:1	0600	file-type-information

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | |__Standards-Based-Group		group	0:1	0600	standards-based
	If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'STAND' then element is non-blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'PLANG' then element is blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) is not equal to 'STAND' or 'PLANG', then element may be non-blank.				
| | | | | | | | | |__Standards-Based-Identifier-Source-Group		choice	1	0600	standards-based-identifier-source
| | | | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | | | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier
| | | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | | |__Standards-Based-Document-Identifier		field	1	0266	document-source-assigned-alphanumeric-identifier
| | | | | | | | | |__Standards-Based-Document-Revision-Group		choice	1	0600	standards-based-document-revision
| | | | | | | | | | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | | | | | | | | | | |__Date		field	1	0082	document-revision-generic-date
| | | | | | | | | | | |__Time		field	0:1	0160	document-revision-generic-time
| | | | | | | | | | | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier
| | | | | | | | |__Proprietary-Software-Based-Group		group	0:1	0600	proprietary-software-based
	If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'PLANG' then element is non-blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'STAND' then element is blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) is not equal to 'STAND' or 'PLANG', then element may be non-blank.				
| | | | | | | | | |__Proprietary-Software-Based-Identifier-Source-Group		choice	1	0600	proprietary-software-based-identifier-source
| | | | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | | |__Proprietary-Software-Based-Identifier		field	1	0024	product-identifier
| | | | | |__Security-Protection-Group		group	1	0600	security-protection
| | | | | | |__Government-Security-Classification-Group		group	1	0600	government-security-classification
| | | | | | | |__Government-Security-Classification-Code		field	1	0010	document-security-classification-code
| | | | | | | |__Classification-Information-Group		group	0:1	0600	classification-information
	If Government security class equals 'U' or 'FOUO' then the Classification information group is blank else the Classification information group is non- blank				
| | | | | | | | |__Classification-Authority-Text		field	1	0155	document-security-classification-authority-text
| | | | | | | | |__Classified-Date-Time-Group		group	1	0600	classified-date-time
| | | | | | | | | |__Date		field	1	0082	document-security-classification-date
| | | | | | | | | |__Time		field	0:1	0160	document-security-classification-time
| | | | | | | | |__Access-Restriction-Code		field	0:N	0085	document-security-access-restriction-code
| | | | | | | | |__Downgrade-Information-Group		group	0:1	0600	downgrade-information
	If Government security class not equal 'U', 'FOUO', 'C', 'NC' or 'NR' then the Downgrade information group is non-blank else the Downgrade information group is blank				
| | | | | | | | | |__Downgrade-Classification-Code		field	1	0010	document-security-classification-code
| | | | | | | | | |__Downgrade-Event-Date-Time-Group		choice	1	0600	downgrade-event-date-time
| | | | | | | | | | |__Downgrade-Date-Time-Group		group	0:1	0600	downgrade-date-time
| | | | | | | | | | | |__Date		field	1	0082	document-security-classification-downgrade-date
| | | | | | | | | | | |__Time		field	0:1	0160	document-security-classification-downgrade-time
| | | | | | | | | | | |__Downgrade-Event		field	0:1	0156	document-security-classification-downgrade-process-event-name
| | | | | | | | |__Declassify-Date-Time-Group		group	1	0600	declassify-date-time
| | | | | | | | | |__Date		field	1	0082	document-security-declassification-date
| | | | | | | | | |__Time		field	0:1	0160	document-security-declassification-time
| | | | | | |__Copyright-Information-Group		group	1	0600	copyright-information-group

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | |__Copyright-Type		field	1	0012	document-copyright-code
| | | | | | | | |__Copyright-Owner-Identification-Group	If Copyright type equal 'N' then element is blank else element is non-blank	choice	0:1	0600	copyright-owner-identification
| | | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier
| | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | |__Copyright-Date-Time-Group	If Copyright type equal 'N' then copyright-date-time group is blank else copyright-date-time group is non-blank	group	0:1	0600	copyright-date-time
| | | | | | | | | |__Date		field	1	0082	document-copyright-date
| | | | | | | | | |__Time		field	0:1	0160	document-copyright-time
| | | | | | | |__Distribution-Information-Group		group	1	0600	distribution-information
| | | | | | | | |__Distribution-Statement-Code-Group		group	1	0600	distribution-statement-code
| | | | | | | | | |__Distribution-Statement-Code		field	1	0014	document-distribution-statement-code
| | | | | | | | | |__Distribution-Statement-Reason-Code		field	1:N	0015	document-distribution-statement-reason-code
| | | | | | | | |__Distribution-Statement-Information-Group	If Distribution statement code equal "A" and the Distribution statement reason code equal "00" then the Distribution statement information group is blank else the Distribution statement information group is non-blank	group	0:1	0600	distribution-statement-information
| | | | | | | | | |__Distribution-Statement-Determination-Date-Time-Group		group	1	0600	distribution-statement-date-time
| | | | | | | | | | |__Date		field	1	0082	document-distribution-restriction-determination-date
| | | | | | | | | | |__Time		field	0:1	0160	document-distribution-restriction-determination-time
| | | | | | | | | |__Distribution-Controlling-Office-Group		group	1	0600	distribution-controlling-office
| | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | |__Distribution-Controlling-Office-Name		field	0:1	0044	document-distribution-controller-enterprise-office-name
| | | | | | | |__Export-Control-Restriction-Code		field	1	0079	document-export-control-code
	If distribution-statement-code equals 'A' then element must be 'N'; If distribution-statement-code equals 'X' then element must be 'Y'.				
| | | | | | | |__Data-Rights-Information-Group		group	1	0600	data-rights-information
| | | | | | | |__Government-Rights-In-Technical-Data-Code		field	1	0022	technical-document-government-data-rights-code
| | | | | | | |__Company-Proprietary-Rights-Code		field	1	0084	document-company-proprietary-data-rights-code
	If the Government Rights in Technical Data code equal 'U' then the element is either 'N' or 'S' else the element is 'P'.				
| | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
	If the Government rights in Technical Data code equal "U" and the Company Proprietary rights code equal "N" then the Company name is blank else the Company name is non-blank				
| | | | | | | |__Contract-Authorizing-Government-Rights-Group		group	0:1	0600	contract-identifier-information-authorizing-government-rights
	If the Government rights in Technical Data code equal 'U' or 'N' then the element is blank else the element is non-blank.				
| | | | | | | | |__Data-Rights-Contract-Number		field	1	0266	document-source-assigned-alphanumeric-identifier
| | | | | | | | |__Data-Rights-Contract-Date-Time-Group		group	1	0600	contact-data-rights-date-time
| | | | | | | | | |__Date		field	1	0082	contract-date
| | | | | | | | | |__Time		field	0:1	0160	contract-time
| | | | | |__File-Information-Group		choice	1	0600	File-information
| | | | | | |__Imbedded-File-Information-Group		group	0:1	0600	imbedded-file-information
	Imbedded file information group contains the hexa-decimal representation of the file.				
| | | | | | | |__File-Size-In-Bytes		field	1	0601	file-size-in-bytes
| | | | | | | |__File		field	1	0601	file
| | | | | | | |__Computer-Operating-System-Type-Code		field	0:1	0213	computer-operating-system-asset-type-code
| | | | | | |__CITIS-Access-Information-Group		group	0:1	0600	contractor-integrated-technical-information-service-information
| | | |__Non-Digital-Representation-Group		group	0:1	0600	non-digital-representation-information
	If Document representation medium identification not equal "D" then Non digital Document representation information group is non-blank else Non digital Document representation information group is blank				
| |__Sheet-Managed-Document-Group		choice	0:1	0600	sheet-managed-document
| | |__Single-Sheet-Group		group	0:1	0600	single-sheet

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | |__Drawing-Size		field	0:1	0112	document-sheet-size-code
| | | |__Document-Representation-Group		group	1:N	0600	document-representation
| | | | |__Document-Representation-Originator-Group		choice	1	0600	document-representation-originator
| | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | |__Document-Representation-Custodian-Group		choice	1	0600	document-representation-custodian
| | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | |__Document-Representation-Custodian-Office-Name		field	1	0044	document-custodial-enterprise-office-name
| | | | |__Document-Representation-Version-Group		group	1	0600	document-representation-version
| | | | | |__Version-Identification-Group		field	1	0600	version-identification
| | | | | | |__Version-Date-Time-Group		group	1	0600	version-date-time
| | | | | | | |__Date		field	1	0082	document-representation-creation-date
| | | | | | | |__Time		field	0:1	0160	document-representation-creation-time
| | | | | | |__Alphanumeric-Version-Identifier		field	1	0208	document-representation-version-identifier
| | | | | |__Version-Status-Group		group	1	0600	version-status
| | | | | | |__Version-Status-Code		field	1	0021	document-representation-release-process-disposition-status-code

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | |__Version-Status-Date-Time-Group		group	1	0600	version-status-date-time
| | | | | | | |__Date		field	1	0082	document-representation-release-process-disposition-status-date
| | | | | | | |__Time		field	0:1	0160	document-representation-release-process-disposition-status-time
| | | | |__Document-Representation-Medium-Code		field	1	0326	document-representation-medium-identification-code
| | | | |__Document-Representation-Medium-Group		choice	1	0600	representation-medium
| | | | | |__Digital-Representation-Group		group	0:1	0600	digital-document-representation-information
	If Document representation medium code = 'D' then Digital representation group is non-blank else Digital representation group is blank				
| | | | | | |__Digital-Representation-Target-Environment-Type-Code		field	1	0210	document-file-type-code
| | | | | | |__Target-Environment-Group		choice	0:1	0600	target-environment
| | | | | | | |__Standards-Based-Group		group	0:1	0600	standards-based
	If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'STAND' then element is non-blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'PLANG' then element is blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) is not equal to 'STAND' or 'PLANG', then element may be non-blank.				
| | | | | | | | |__Standards-Based-Identifier-Source-Group		choice	1	0600	standards-based-identifier-source
| | | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier
| | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | |__Standards-Based-Document-Identifier		field	1	0266	document-source-assigned-alphanumeric-identifier
| | | | | | | | |__Standards-Based-Document-Revision-Group		choice	1	0600	standards-based-document-revision
| | | | | | | | | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | | | | | | | | | |__Date		field	1	0082	document-revision-generic-date
| | | | | | | | | | |__Time		field	0:1	0160	document-revision-generic-time
| | | | | | | | | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | |__Proprietary-Software-Based-Group	If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'PLANG' then element is non-blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'STAND' then element is blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) is not equal to 'STAND' or 'PLANG', then element may be non-blank.	group	0:1	0600	proprietary-software-based
| | | | | | | | |__Proprietary-Software-Based-Identifier-Source-Group		choice	1	0600	proprietary-software-based-identifier-source
| | | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | |__Proprietary-Software-Based-Identifier		field	1	0024	product-identifier
| | | | | | |__File-Identification-Group		group	1:N	0600	file-identification
| | | | | | | |__File-Identifier		field	1	0206	electronic-document-file-identifier
| | | | | | | |__File-Identifier-Source-Group		choice	0:1	0600	file-identifier-source
| | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | |__File-Origination-Date-Time-Group		group	1	0600	File-origination-date-time

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | |__Date		field	1	0082	electronic-document-file-creation-date
| | | | | | | | |__Time		field	1	0160	electronic-document-file-creation-time
| | | | | | | |__File-Description		field	0:1	0212	document-file-description-text
| | | | | | | |__File-Compression-Method-Code		field	0:1	0214	document-file-compression-method-code
| | | | | | | |__File-Type-Group		group	1	0600	file-type
| | | | | | | | |__File-Type-Code		field	1	0210	document-file-type-code
| | | | | | | | |__File-Type-Information-Group		choice	0:1	0600	file-type-information
| | | | | | | | | |__Standards-Based-Group		group	0:1	0600	standards-based
	If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'STAND' then element is non-blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'PLANG' then element is blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) is not equal to 'STAND' or 'PLANG', then element may be non-blank.				
| | | | | | | | | | |__Standards-Based-Identifier-Source-Group		choice	1	0600	standards-based-identifier-source
| | | | | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | | | | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier
| | | | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | | | |__Standards-Based-Document-Identifier		field	1	0266	document-source-assigned-alphanumeric-identifier
| | | | | | | | | | |__Standards-Based-Document-Revision-Group		choice	1	0600	standards-based-document-revision
| | | | | | | | | | | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | | | | | | | | | | | |__Date		field	1	0082	document-revision-generic-date
| | | | | | | | | | | | |__Time		field	0:1	0160	document-revision-generic-time
| | | | | | | | | | | | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | |__Proprietary-Software-Based-Group		group	0:1	0600	proprietary-software-based
	If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'PLANG' then element is non-blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'STAND' then element is blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) is not equal to 'STAND' or 'PLANG', then element may be non-blank.				
| | | | | | | | | | |__Proprietary-Software-Based-Identifier-Source-Group		choice	1	0600	proprietary-software-based-identifier-source
| | | | | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | | | |__Proprietary-Software-Based-Identifier		field	1	0024	product-identifier
| | | | | | | |__Security-Protection-Group		group	1	0600	security-protection
| | | | | | | | |__Government-Security-Classification-Group		group	1	0600	government-security-classification
| | | | | | | | | |__Government-Security-Classification-Code		field	1	0010	document-security-classification-code
| | | | | | | | | |__Classification-Information-Group		group	0:1	0600	classification-information
	If Government security class equals 'U' or 'FOUO' then the Classification information group is blank else the Classification information group is non- blank				
| | | | | | | | | | |__Classification-Authority-Text		field	1	0155	document-security-classification-authority-text
| | | | | | | | | | |__Classified-Date-Time-Group		group	1	0600	classified-date-time
| | | | | | | | | | | |__Date		field	1	0082	document-security-classification-date
| | | | | | | | | | | |__Time		field	0:1	0160	document-security-classification-time
| | | | | | | | | | | |__Access-Restriction-Code		field	0:N	0085	document-security-access-restriction-code
| | | | | | | | | | | |__Downgrade-Information-Group		group	0:1	0600	downgrade-information
	If Government security class not equal 'U', 'FOUO', 'C', 'NC' or 'NR' then the Downgrade information group is non-blank else the Downgrade information group is blank				
| | | | | | | | | | | | |__Downgrade-Classification-Code		field	1	0010	document-security-classification-code
| | | | | | | | | | | | |__Downgrade-Event-Date-Time-Group		choice	1	0600	downgrade-event-date-time

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | | | | |__Downgrade-Date-Time-Group		group	0:1	0600	downgrade-date-time
| | | | | | | | | | | | | |__Date		field	1	0082	document-security-classification-downgrade-date
| | | | | | | | | | | | | |__Time		field	0:1	0160	document-security-classification-downgrade-time
| | | | | | | | | | | | |__Downgrade-Event		field	0:1	0156	document-security-classification-downgrade-process-event-name
| | | | | | | | | | |__Declassify-Date-Time-Group		group	1	0600	declassify-date-time
| | | | | | | | | | | |__Date		field	1	0082	document-security-declassification-date
| | | | | | | | | | | |__Time		field	0:1	0160	document-security-declassification-time
| | | | | | | | |__Copyright-Information-Group		group	1	0600	copyright-information-group
| | | | | | | | | |__Copyright-Type		field	1	0012	document-copyright-code
| | | | | | | | | |__Copyright-Owner-Identification-Group		choice	0:1	0600	copyright-owner-identification
	If Copyright type equal 'N' then element is blank else element is non-blank				
| | | | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier
| | | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | | |__Copyright-Date-Time-Group		group	0:1	0600	copyright-date-time
	If Copyright type equal 'N' then copyright-date-time group is blank else copyright-date-time group is non-blank				
| | | | | | | | | | |__Date		field	1	0082	document-copyright-date
| | | | | | | | | | |__Time		field	0:1	0160	document-copyright-time
| | | | | | | | |__Distribution-Information-Group		group	1	0600	distribution-information
| | | | | | | | | |__Distribution-Statement-Code-Group		group	1	0600	distribution-statement-code
| | | | | | | | | | |__Distribution-Statement-Code		field	1	0014	document-distribution-statement-code
| | | | | | | | | | |__Distribution-Statement-Reason-Code		field	1:N	0015	document-distribution-statement-reason-code

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | |__Distribution-Statement-Information-Group		group	0:1	0600	distribution-statement-information
	If Distribution statement code equal "A" and the Distribution statement reason code equal "00" then the Distribution statement information group is blank else the Distribution statement information group is non-blank				
| | | | | | | | | | |__Distribution-Statement-Determination-Date-Time-Group		group	1	0600	distribution-statement-date-time
| | | | | | | | | | | |__Date		field	1	0082	document-distribution-restriction-determination-date
| | | | | | | | | | | |__Time		field	0:1	0160	document-distribution-restriction-determination-time
| | | | | | | | | | |__Distribution-Controlling-Office-Group		group	1	0600	distribution-controlling-office
| | | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | |__Distribution-Controlling-Office-Name		field	0:1	0044	document-distribution-controller-enterprise-office-name
| | | | | | | | |__Export-Control-Restriction-Code		field	1	0079	document-export-control-code
	If distribution-statement-code equals 'A' then element must be 'N'; If distribution-statement-code equals 'X' then element must be 'Y'.				
| | | | | | | | |__Data-Rights-Information-Group		group	1	0600	data-rights-information
| | | | | | | | |__Government-Rights-In-Technical-Data-Code		field	1	0022	technical-document-government-data-rights-code
| | | | | | | | |__Company-Proprietary-Rights-Code		field	1	0084	document-company-proprietary-data-rights-code
	If the Government Rights in Technical Data code equal 'U' then the element is either 'N' or 'S' else the element is 'P'.				
| | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
	If the Government rights in Technical Data code equal "U" and the Company Proprietary rights code equal "N" then the Company name is blank else the Company name is non-blank				
| | | | | | | | |__Contract-Authorizing-Government-Rights-Group		group	0:1	0600	contract-identifier-information-authorizing-government-rights
	If the Government rights in Technical Data code equal 'U' or 'N' then the element is blank else the element is non-blank.				
| | | | | | | | | |__Data-Rights-Contract-Number		field	1	0266	document-source-assigned-alphanumeric-identifier
| | | | | | | | | |__Data-Rights-Contract-Date-Time-Group		group	1	0600	contact-data-rights-date-time
| | | | | | | | | | |__Date		field	1	0082	contract-date
| | | | | | | | | | |__Time		field	0:1	0160	contract-time
| | | | | | |__File-Information-Group		choice	1	0600	File-information
| | | | | | | |__Imbedded-File-Information-Group		group	0:1	0600	imbedded-file-information
	Imbedded file information group contains the hexa-decimal representation of the file.				

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | |__File-Size-In-Bytes		field	1	0601	file-size-in-bytes
| | | | | | | | | |__File		field	1	0601	file
| | | | | | | | | |__Computer-Operating-System-Type-Code		field	0:1	0213	computer-operating-system-asset-type-code
| | | | | | | | |__CITIS-Access-Information-Group		group	0:1	0600	contractor-integrated-technical-information-service-information
| | | | | |__Non-Digital-Representation-Group		group	0:1	0600	non-digital-representation-information
	If Document representation medium identification not equal "D" then Non digital Document representation information group is non-blank else Non digital Document representation information group is blank				
| | |__Multi-Sheet-Group		group	0:1	0600	multi-sheet
| | | |__Total-Sheets		field	1	0110	document-sheet-total-quantity
| | | |__Sheets-Group		group	2:N	0600	sheets
| | | | |__Sheet-Number		field	1	0026	document-sheet-identifier
| | | | |__Drawing-Size		field	0:1	0112	document-sheet-size-code
| | | | |__Sheet-Revision-Group		choice	1	0600	sheet-revision
| | | | | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | | | | | |__Date		field	1	0082	document-revision-generic-date
| | | | | | |__Time		field	0:1	0160	document-revision-generic-time
| | | | | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier
| | | | |__Document-Representation-Group		group	1:N	0600	document-representation
| | | | | |__Document-Representation-Originator-Group		choice	1	0600	document-representation-originator
| | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | |__Document-Representation-Custodian-Group		choice	1	0600	document-representation-custodian
| | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | |__Document-Representation-Custodian-Office-Name		field	1	0044	document-custodial-enterprise-office-name
| | | | | |__Document-Representation-Version-Group		group	1	0600	document-representation-version
| | | | | | |__Version-Identification-Group		field	1	0600	version-identification
| | | | | | | |__Version-Date-Time-Group		group	1	0600	version-date-time
| | | | | | | | |__Date		field	1	0082	document-representation-creation-date
| | | | | | | | |__Time		field	0:1	0160	document-representation-creation-time
| | | | | | | |__Alphanumeric-Version-Identifier		field	1	0208	document-representation-version-identifier
| | | | | | |__Version-Status-Group		group	1	0600	version-status
| | | | | | | |__Version-Status-Code		field	1	0021	document-representation-release-process-disposition-status-code
| | | | | | | |__Version-Status-Date-Time-Group		group	1	0600	version-status-date-time
| | | | | | | | |__Date		field	1	0082	document-representation-release-process-disposition-status-date
| | | | | | | | |__Time		field	0:1	0160	document-representation-release-process-disposition-status-time
| | | | | |__Document-Representation-Medium-Code		field	1	0326	document-representation-medium-identification-code
| | | | | |__Document-Representation-Medium-Group		choice	1	0600	representation-medium
| | | | | | |__Digital-Representation-Group		group	0:1	0600	digital-document-representation-information
	If Document representation medium code = 'D' then Digital representation group is non-blank else Digital representation group is blank				
| | | | | | | |__Digital-Representation-Target-Environment-Type-Code		field	1	0210	document-file-type-code
| | | | | | | |__Target-Environment-Group		choice	0:1	0600	target-environment
| | | | | | | | |__Standards-Based-Group		group	0:1	0600	standards-based
	If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'STAND' then element is non-blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'PLANG' then element is blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) is not equal to 'STAND' or 'PLANG', then element may be non-blank.				
| | | | | | | | | |__Standards-Based-Identifier-Source-Group		choice	1	0600	standards-based-identifier-source

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | | | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier
| | | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | | |__Standards-Based-Document-Identifier		field	1	0266	document-source-assigned-alphanumeric-identifier
| | | | | | | | | |__Standards-Based-Document-Revision-Group		choice	1	0600	standards-based-document-revision
| | | | | | | | | | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | | | | | | | | | | |__Date		field	1	0082	document-revision-generic-date
| | | | | | | | | | | |__Time		field	0:1	0160	document-revision-generic-time
| | | | | | | | | | | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier
| | | | | | | | |__Proprietary-Software-Based-Group		group	0:1	0600	proprietary-software-based
	If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'PLANG' then element is non-blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'STAND' then element is blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) is not equal to 'STAND' or 'PLANG', then element may be non-blank.				
| | | | | | | | | | |__Proprietary-Software-Based-Identifier-Source-Group		choice	1	0600	proprietary-software-based-identifier-source
| | | | | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | | |__Proprietary-Software-Based-Identifier		field	1	0024	product-identifier
| | | | | | |__File-Identification-Group		group	1:N	0600	file-identification
| | | | | | | |__File-Identifier		field	1	0206	electronic-document-file-identifier
| | | | | | | |__File-Identifier-Source-Group		choice	0:1	0600	file-identifier-source
| | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | |__File-Origination-Date-Time-Group		group	1	0600	File-origination-date-time
| | | | | | | | |__Date		field	1	0082	electronic-document-file-creation-date
| | | | | | | | |__Time		field	1	0160	electronic-document-file-creation-time
| | | | | | | |__File-Description		field	0:1	0212	document-file-description-text
| | | | | | | |__File-Compression-Method-Code		field	0:1	0214	document-file-compression-method-code
| | | | | | | |__File-Type-Group		group	1	0600	file-type
| | | | | | | | |__File-Type-Code		field	1	0210	document-file-type-code
| | | | | | | | |__File-Type-Information-Group		choice	0:1	0600	file-type-information
| | | | | | | | | |__Standards-Based-Group		group	0:1	0600	standards-based
	If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'STAND' then element is non-blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'PLANG' then element is blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) is not equal to 'STAND' or 'PLANG', then element may be non-blank.				
| | | | | | | | | | | |__Standards-Based-Identifier-Source-Group		choice	1	0600	standards-based-identifier-source
| | | | | | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | | | | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier
| | | | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | | | |__Standards-Based-Document-Identifier		field	1	0266	document-source-assigned-alphanumeric-identifier
| | | | | | | | | | |__Standards-Based-Document-Revision-Group		choice	1	0600	standards-based-document-revision
| | | | | | | | | | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | | | | | | | | | | |__Date		field	1	0082	document-revision-generic-date
| | | | | | | | | | | |__Time		field	0:1	0160	document-revision-generic-time
| | | | | | | | | | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier
| | | | | | | | | |__Proprietary-Software-Based-Group		group	0:1	0600	proprietary-software-based
	If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'PLANG' then element is non-blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'STAND' then element is blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) is not equal to 'STAND' or 'PLANG', then element may be non-blank.				
| | | | | | | | | | |__Proprietary-Software-Based-Identifier-Source-Group		choice	1	0600	proprietary-software-based-identifier-source
| | | | | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | | | |__Proprietary-Software-Based-Identifier		field	1	0024	product-identifier
| | | | | | | |__Security-Protection-Group		group	1	0600	security-protection
| | | | | | | | |__Government-Security-Classification-Group		group	1	0600	government-security-classification
| | | | | | | | | |__Government-Security-Classification-Code		field	1	0010	document-security-classification-code
| | | | | | | | | |__Classification-Information-Group		group	0:1	0600	classification-information
	If Government security class equals 'U' or 'FOUO' then the Classification information group is blank else the Classification information group is non- blank				
| | | | | | | | | | |__Classification-Authority-Text		field	1	0155	document-security-classification-authority-text
| | | | | | | | | | |__Classified-Date-Time-Group		group	1	0600	classified-date-time
| | | | | | | | | | | |__Date		field	1	0082	document-security-classification-date
| | | | | | | | | | | |__Time		field	0:1	0160	document-security-classification-time
| | | | | | | | | | | |__Access-Restriction-Code		field	0:N	0085	document-security-access-restriction-code
| | | | | | | | | | | |__Downgrade-Information-Group		group	0:1	0600	downgrade-information
	If Government security class not equal 'U', 'FOUO', 'C', 'NC' or 'NR' then the Downgrade information group is non-blank else the Downgrade information group is blank				
| | | | | | | | | | | | |__Downgrade-Classification-Code		field	1	0010	document-security-classification-code
| | | | | | | | | | | | |__Downgrade-Event-Date-Time-Group		choice	1	0600	downgrade-event-date-time
| | | | | | | | | | | | | |__Downgrade-Date-Time-Group		group	0:1	0600	downgrade-date-time
| | | | | | | | | | | | | | |__Date		field	1	0082	document-security-classification-downgrade-date
| | | | | | | | | | | | | | |__Time		field	0:1	0160	document-security-classification-downgrade-time
| | | | | | | | | | | | | | |__Downgrade-Event		field	0:1	0156	document-security-classification-downgrade-process-event-name
| | | | | | | | | | | |__Declassify-Date-Time-Group		group	1	0600	declassify-date-time
| | | | | | | | | | | | |__Date		field	1	0082	document-security-declassification-date
| | | | | | | | | | | | |__Time		field	0:1	0160	document-security-declassification-time
| | | | | | | | |__Copyright-Information-Group		group	1	0600	copyright-information-group
| | | | | | | | | |__Copyright-Type		field	1	0012	document-copyright-code
| | | | | | | | | |__Copyright-Owner-Identification-Group		choice	0:1	0600	copyright-owner-identification
	If Copyright type equal 'N' then element is blank else element is non-blank				
| | | | | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | | | | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier
| | | | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | | | |__Copyright-Date-Time-Group		group	0:1	0600	copyright-date-time
	If Copyright type equal 'N' then copyright-date-time group is blank else copyright-date-time group is non-blank				
| | | | | | | | | | | |__Date		field	1	0082	document-copyright-date
| | | | | | | | | | | |__Time		field	0:1	0160	document-copyright-time
| | | | | | | | | |__Distribution-Information-Group		group	1	0600	distribution-information
| | | | | | | | | | |__Distribution-Statement-Code-Group		group	1	0600	distribution-statement-code
| | | | | | | | | | | |__Distribution-Statement-Code		field	1	0014	document-distribution-statement-code
| | | | | | | | | | | |__Distribution-Statement-Reason-Code		field	1:N	0015	document-distribution-statement-reason-code
| | | | | | | | | | | |__Distribution-Statement-Information-Group		group	0:1	0600	distribution-statement-information
	If Distribution statement code equal "A" and the Distribution statement reason code equal "00" then the Distribution statement information group is blank else the Distribution statement information group is non-blank				
| | | | | | | | | | | | |__Distribution-Statement-Determination-Date-Time-Group		group	1	0600	distribution-statement-date-time
| | | | | | | | | | | | | |__Date		field	1	0082	document-distribution-restriction-determination-date
| | | | | | | | | | | | | |__Time		field	0:1	0160	document-distribution-restriction-determination-time
| | | | | | | | | | | | | |__Distribution-Controlling-Office-Group		group	1	0600	distribution-controlling-office
| | | | | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | | |__Distribution-Controlling-Office-Name		field	0:1	0044	document-distribution-controller-enterprise-office-name

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | |__Export-Control-Restriction-Code		field	1	0079	document-export-control-code
	If distribution-statement-code equals 'A' then element must be 'N'; If distribution-statement-code equals 'X' then element must be 'Y'.				
| | | | | | | | | |__Data-Rights-Information-Group		group	1	0600	data-rights-information
| | | | | | | | | | |__Government-Rights-In-Technical-Data-Code		field	1	0022	technical-document-government-data-rights-code
| | | | | | | | | | |__Company-Proprietary-Rights-Code		field	1	0084	document-company-proprietary-data-rights-code
	If the Government Rights in Technical Data code equal 'U' then the element is either 'N' or 'S' else the element is 'P'.				
| | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
	If the Government rights in Technical Data code equal "U" and the Company Proprietary rights code equal "N" then the Company name is blank else the Company name is non-blank				
| | | | | | | | | | |__Contract-Authorizing-Government-Rights-Group		group	0:1	0600	contract-identifier-information-authorizing-government-rights
	If the Government rights in Technical Data code equal 'U' or 'N' then the element is blank else the element is non-blank.				
| | | | | | | | | | | |__Data-Rights-Contract-Number		field	1	0266	document-source-assigned-alphanumeric-identifier
| | | | | | | | | | | |__Data-Rights-Contract-Date-Time-Group		group	1	0600	contact-data-rights-date-time
| | | | | | | | | | | | |__Date		field	1	0082	contract-date
| | | | | | | | | | | | |__Time		field	0:1	0160	contract-time
| | | | | | | | |__File-Information-Group		choice	1	0600	File-information
| | | | | | | | | |__Imbedded-File-Information-Group		group	0:1	0600	imbedded-file-information
	Imbedded file information group contains the hexa-decimal representation of the file.				
| | | | | | | | | | |__File-Size-In-Bytes		field	1	0601	file-size-in-bytes
| | | | | | | | | | |__File		field	1	0601	file
| | | | | | | | | | |__Computer-Operating-System-Type-Code		field	0:1	0213	computer-operating-system-asset-type-code
| | | | | | | | | |__CITIS-Access-Information-Group		group	0:1	0600	contractor-integrated-technical-information-service-information
| | | | | | |__Non-Digital-Representation-Group		group	0:1	0600	non-digital-representation-information
	If Document representation medium identification not equal "D" then Non digital Document representation information group is non-blank else Non digital Document representation information group is blank				

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
Data Information Packet Name: Associated-List					
|__Base-Document-Identification-Group		group	1	0600	base-document-identification
| |__Document-Identifier-Source-Group		choice	1	0600	document-identifier-source
| | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | |__Company-Name		field	0:1	0170	enterprise-name
| | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| |__Document-Identifier		field	1	0266	document-source-assigned-alphanumeric-identifier
|__Document-Revision-Group		group	1	0600	document-revision
| |__Revision-Identification-Group		choice	1	0600	revision-identification
| | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | | |__Date		field	1	0082	document-revision-generic-date
| | | |__Time		field	0:1	0160	document-revision-generic-time
| | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier
| |__Revision-Status-Group		group	1	0600	document-revision-status
| | |__Revision-Status-Code		field	1	0021	document-revision-approval-process-disposition-status-code
| | |__Revision-Status-Date-Time-Group		group	1	0600	document-revision-status-date-time
| | | |__Date		field	1	0082	document-revision-approval-process-disposition-status-date
| | | |__Time		field	0:1	0160	document-revision-approval-process-disposition-status-time
|__Associated-List-Type-Code		field	1	0096	Associated-list-document-subsidiary-type-code
|__Document-Title		field	1	0008	document-name
|__Document-Preparation-Date-Time-Group		group	0:1	0600	document-preparation-date-time

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| |__Date		field	1	0082	document-preparation-date
| |__Time		field	0:1	0160	document-preparation-time
|__Parts-List-Note-Group	May be non-blank only if Associated list type code = "PL"	group	0:N	0600	parts-list-note
| |__Drawing-Note-Identifier		field	1	0251	engineering-drawing-document-note-identifier
| |__Drawing-Note-Text		field	1	0252	engineering-drawing-document-note-text
|__Special-Condition-Code		field	0:N	0257	engineering-document-special-condition-code
|__Hazardous-Material-Code		field	0:1	0078	supply-item-hazardous-material-code
|__CDCA-Group		group	1	0600	current-document-change-authority
| |__CDCA-Identification-Group		group	1	0600	current-document-change-authority-identification
| | |__CDCA-Identifier-Group		choice	1	0600	current-document-change-authority-identifier
| | | |__Company-Name		field	0:1	0170	enterprise-name
| | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | |__CDCA-Office-Name		field	0:1	0044	current-document-design-control-enterprise-office-name
| |__CDCA-Effective-Date-Time-Group		group	0:1	0600	current-document-change-authority-effective-date-time
| | |__Date		field	1	0082	document-change-control-authority-effective-date
| | |__Time		field	0:1	0160	document-change-control-authority-effective-time
|__Part-Defined-Group		group	0:N	0600	part-defined
| |__Part-Identifier-Source-Group		choice	1	0600	product-identifier-source
| | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier
| | | |__Company-Name		field	0:1	0170	enterprise-name
| | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| |__Part-Identifier-Group		group	1	0600	part-identifier
| | |__Part-Number		field	1	0024	product-identifier
| | |__Part-Parameters-Group		group	0:N	0600	part-parameters
| | | |__Part-Classification-Code		field	1	0036	part-classification-type-code
| | | |__Part-Classification-Value		field	1	0037	part-classification-type-value
|__Related-Document-Group		group	0:N	0600	related-document
| |__Related-Document-Relationship-Type	Must be either 'RD' or 'IA'	field	1	0048	relationship-type
| |__Related-Document-Identifier-Source-Group		choice	1	0600	related-document-identifier-source
| | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | |__Company-Name		field	0:1	0170	enterprise-name
| | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| |__Related-Document-Identifier		field	1	0266	document-source-assigned-alphanumeric-identifier
| |__Related-Document-Revision-Identification-Group		choice	0:1	0600	related-document-revision-identification
| | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | | |__Date		field	1	0082	document-revision-generic-date
| | | |__Time		field	0:1	0160	document-revision-generic-time
| | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
|__ECP-Authorizing-This-Revision-Group		group	0:1	0600	engineering-change-proposal-authorizing-this-revision
	May be non blank only if Associated list type code = "PL"				
| |__ECP-Identifier-Source-Group		choice	1	0600	engineering-change-proposal-identifier-source
| | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | |__Company-Name		field	0:1	0170	enterprise-name
| | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| |__ECP-Identifier		field	1	0266	document-source-assigned-alphanumeric-identifier
| |__ECP-Revision-Identification-Group		choice	0:1	0600	engineering-change-proposal-revision-identification
| | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | | |__Date		field	1	0082	document-revision-generic-date
| | | |__Time		field	0:1	0160	document-revision-generic-time
| | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier
|__Security-Protection-Group		group	1	0600	security-protection
| |__Government-Security-Classification-Group		group	1	0600	government-security-classification
| | |__Government-Security-Classification-Code		field	1	0010	document-security-classification-code
| | |__Classification-Information-Group		group	0:1	0600	classification-information
	If Government security class equals 'U' or 'FOUO' then the Classification information group is blank else the Classification information group is non- blank				
| | | |__Classification-Authority-Text		field	1	0155	document-security-classification-authority-text
| | | |__Classified-Date-Time-Group		group	1	0600	classified-date-time
| | | | |__Date		field	1	0082	document-security-classification-date
| | | | |__Time		field	0:1	0160	document-security-classification-time
| | | |__Access-Restriction-Code		field	0:N	0085	document-security-access-restriction-code

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | |__Downgrade-Information-Group		group	0:1	0600	downgrade-information
	If Government security class not equal 'U', 'FOUO', 'C', 'NC' or 'NR' then the Downgrade information group is non-blank else the Downgrade information group is blank				
| | | | |__Downgrade-Classification-Code		field	1	0010	document-security-classification-code
| | | | |__Downgrade-Event-Date-Time-Group		choice	1	0600	downgrade-event-date-time
| | | | | |__Downgrade-Date-Time-Group		group	0:1	0600	downgrade-date-time
| | | | | | |__Date		field	1	0082	document-security-classification-downgrade-date
| | | | | | |__Time		field	0:1	0160	document-security-classification-downgrade-time
| | | | | |__Downgrade-Event		field	0:1	0156	document-security-classification-downgrade-process-event-name
| | | |__Declassify-Date-Time-Group		group	1	0600	declassify-date-time
| | | | |__Date		field	1	0082	document-security-declassification-date
| | | | |__Time		field	0:1	0160	document-security-declassification-time
| |__Copyright-Information-Group		group	1	0600	copyright-information-group
| | |__Copyright-Type		field	1	0012	document-copyright-code
| | |__Copyright-Owner-Identification-Group		choice	0:1	0600	copyright-owner-identification
	If Copyright type equal 'N' then element is blank else element is non-blank				
| | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier
| | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | |__Copyright-Date-Time-Group		group	0:1	0600	copyright-date-time
	If Copyright type equal 'N' then copyright-date-time group is blank else copyright-date-time group is non-blank				
| | | |__Date		field	1	0082	document-copyright-date
| | | |__Time		field	0:1	0160	document-copyright-time

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| |__Distribution-Information-Group		group	1	0600	distribution-information
| | |__Distribution-Statement-Code-Group		group	1	0600	distribution-statement-code
| | | |__Distribution-Statement-Code		field	1	0014	document-distribution-statement-code
| | | |__Distribution-Statement-Reason-Code		field	1:N	0015	document-distribution-statement-reason-code
| | |__Distribution-Statement-Information-Group		group	0:1	0600	distribution-statement-information
	If Distribution statement code equal "A" and the Distribution statement reason code equal "00" then the Distribution statement information group is blank else the Distribution statement information group is non-blank				
| | | |__Distribution-Statement-Determination-Date-Time-Group		group	1	0600	distribution-statement-date-time
| | | | |__Date		field	1	0082	document-distribution-restriction-determination-date
| | | | |__Time		field	0:1	0160	document-distribution-restriction-determination-time
| | | |__Distribution-Controlling-Office-Group		group	1	0600	distribution-controlling-office
| | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | |__Distribution-Controlling-Office-Name		field	0:1	0044	document-distribution-controller-enterprise-office-name
| |__Export-Control-Restriction-Code		field	1	0079	document-export-control-code
	If distribution-statement-code equals 'A' then element must be 'N'; If distribution-statement-code equals 'X' then element must be 'Y'.				
| |__Data-Rights-Information-Group		group	1	0600	data-rights-information
| | |__Government-Rights-In-Technical-Data-Code		field	1	0022	technical-document-government-data-rights-code
| | |__Company-Proprietary-Rights-Code		field	1	0084	document-company-proprietary-data-rights-code
	If the Government Rights in Technical Data code equal 'U' then the element is either 'N' or 'S' else the element is 'P'.				
| | |__Company-Name		field	0:1	0170	enterprise-name
	If the Government rights in Technical Data code equal "U" and the Company Proprietary rights code equal "N" then the Company name is blank else the Company name is non-blank				
| | |__Contract-Authorizing-Government-Rights-Group		group	0:1	0600	contract-identifier-information-authorizing-government-rights
	If the Government rights in Technical Data code equal 'U' or 'N' then the element is blank else the element is non-blank.				
| | | |__Data-Rights-Contract-Number		field	1	0266	document-source-assigned-alphanumeric-identifier
| | | |__Data-Rights-Contract-Date-Time-Group		group	1	0600	contact-data-rights-date-time

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | |__Date		field	1	0082	contract-date
| | | | |__Time		field	0:1	0160	contract-time
|__Sheet-Management-Group		choice	1	0600	sheet-management
| |__Non-Sheet-Managed-Document-Group		group	0:1	0600	non-sheet-managed-document
| | |__Document-Representation-Group		group	1:N	0600	document-representation
| | | |__Document-Representation-Originator-Group		choice	1	0600	document-representation-originator
| | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | |__Document-Representation-Custodian-Group		choice	1	0600	document-representation-custodian
| | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | |__Document-Representation-Custodian-Office-Name		field	1	0044	document-custodial-enterprise-office-name
| | | |__Document-Representation-Version-Group		group	1	0600	document-representation-version
| | | | |__Version-Identification-Group		field	1	0600	version-identification
| | | | | |__Version-Date-Time-Group		group	1	0600	version-date-time
| | | | | | |__Date		field	1	0082	document-representation-creation-date
| | | | | | |__Time		field	0:1	0160	document-representation-creation-time

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | |__Alphanumeric-Version-Identifier		field	1	0208	document-representation-version-identifier
| | | | |__Version-Status-Group		group	1	0600	version-status
| | | | | |__Version-Status-Code		field	1	0021	document-representation-release-process-disposition-status-code
| | | | | |__Version-Status-Date-Time-Group		group	1	0600	version-status-date-time
| | | | | | |__Date		field	1	0082	document-representation-release-process-disposition-status-date
| | | | | | |__Time		field	0:1	0160	document-representation-release-process-disposition-status-time
| | | |__Document-Representation-Medium-Code		field	1	0326	document-representation-medium-identification-code
| | | |__Document-Representation-Medium-Group		choice	1	0600	representation-medium
| | | | |__Digital-Representation-Group		group	0:1	0600	digital-document-representation-information
	If Document representation medium code = 'D' then Digital representation group is non-blank else Digital representation group is blank				
| | | | | |__Digital-Representation-Target-Environment-Type-Code		field	1	0210	document-file-type-code
| | | | | |__Target-Environment-Group		choice	0:1	0600	target-environment
| | | | | | |__Standards-Based-Group		group	0:1	0600	standards-based
	If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'STAND' then element is non-blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'PLANG' then element is blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) is not equal to 'STAND' or 'PLANG', then element may be non-blank.				
| | | | | | | |__Standards-Based-Identifier-Source-Group		choice	1	0600	standards-based-identifier-source
| | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier
| | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | |__Standards-Based-Document-Identifier		field	1	0266	document-source-assigned-alphanumeric-identifier
| | | | | | | |__Standards-Based-Document-Revision-Group		choice	1	0600	standards-based-document-revision
| | | | | | | | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | |__Date		field	1	0082	document-revision-generic-date
| | | | | | | | | |__Time		field	0:1	0160	document-revision-generic-time
| | | | | | | | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier
| | | | | | |__Proprietary-Software-Based-Group		group	0:1	0600	proprietary-software-based
	If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'PLANG' then element is non-blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'STAND' then element is blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) is not equal to 'STAND' or 'PLANG', then element may be non-blank.				
| | | | | | | | |__Proprietary-Software-Based-Identifier-Source-Group		choice	1	0600	proprietary-software-based-identifier-source
| | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | |__Proprietary-Software-Based-Identifier		field	1	0024	product-identifier
| | | | | |__File-Identification-Group		group	1:N	0600	file-identification
| | | | | | |__File-Identifier		field	1	0206	electronic-document-file-identifier
| | | | | | |__File-Identifier-Source-Group		choice	0:1	0600	file-identifier-source
| | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | |__File-Origination-Date-Time-Group		group	1	0600	File-origination-date-time
| | | | | | | |__Date		field	1	0082	electronic-document-file-creation-date
| | | | | | | |__Time		field	1	0160	electronic-document-file-creation-time
| | | | | | |__File-Description		field	0:1	0212	document-file-description-text
| | | | | | |__File-Compression-Method-Code		field	0:1	0214	document-file-compression-method-code
| | | | | | |__File-Type-Group		group	1	0600	file-type
| | | | | | | |__File-Type-Code		field	1	0210	document-file-type-code
| | | | | | | |__File-Type-Information-Group		choice	0:1	0600	file-type-information
| | | | | | | | |__Standards-Based-Group		group	0:1	0600	standards-based
	If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'STAND' then element is non-blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'PLANG' then element is blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) is not equal to 'STAND' or 'PLANG', then element may be non-blank.				
| | | | | | | | | |__Standards-Based-Identifier-Source-Group		choice	1	0600	standards-based-identifier-source
| | | | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | | | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier
| | | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | | |__Standards-Based-Document-Identifier		field	1	0266	document-source-assigned-alphanumeric-identifier
| | | | | | | | | |__Standards-Based-Document-Revision-Group		choice	1	0600	standards-based-document-revision
| | | | | | | | | | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | | | | | | | | | | |__Date		field	1	0082	document-revision-generic-date

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | | | |__Time		field	0:1	0160	document-revision-generic-time
| | | | | | | | | | | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier
| | | | | | | | |__Proprietary-Software-Based-Group		group	0:1	0600	proprietary-software-based
	If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'PLANG' then element is non-blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'STAND' then element is blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) is not equal to 'STAND' or 'PLANG', then element may be non-blank.				
| | | | | | | | | |__Proprietary-Software-Based-Identifier-Source-Group		choice	1	0600	proprietary-software-based-identifier-source
| | | | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | | |__Proprietary-Software-Based-Identifier		field	1	0024	product-identifier
| | | | | | |__Security-Protection-Group		group	1	0600	security-protection
| | | | | | | |__Government-Security-Classification-Group		group	1	0600	government-security-classification
| | | | | | | | |__Government-Security-Classification-Code		field	1	0010	document-security-classification-code
| | | | | | | | |__Classification-Information-Group		group	0:1	0600	classification-information
	If Government security class equals 'U' or 'FOUO' then the Classification information group is blank else the Classification information group is non- blank				
| | | | | | | | | |__Classification-Authority-Text		field	1	0155	document-security-classification-authority-text
| | | | | | | | | |__Classified-Date-Time-Group		group	1	0600	classified-date-time
| | | | | | | | | | |__Date		field	1	0082	document-security-classification-date
| | | | | | | | | | |__Time		field	0:1	0160	document-security-classification-time
| | | | | | | | | |__Access-Restriction-Code		field	0:N	0085	document-security-access-restriction-code
| | | | | | | | | |__Downgrade-Information-Group		group	0:1	0600	downgrade-information
	If Government security class not equal 'U', 'FOUO', 'C', 'NC' or 'NR' then the Downgrade information group is non-blank else the Downgrade information group is blank				

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | | |__Downgrade-Classification-Code		field	1	0010	document-security-classification-code
| | | | | | | | | | |__Downgrade-Event-Date-Time-Group		choice	1	0600	downgrade-event-date-time
| | | | | | | | | | | |__Downgrade-Date-Time-Group		group	0:1	0600	downgrade-date-time
| | | | | | | | | | | | |__Date		field	1	0082	document-security-classification-downgrade-date
| | | | | | | | | | | | |__Time		field	0:1	0160	document-security-classification-downgrade-time
| | | | | | | | | | | | |__Downgrade-Event		field	0:1	0156	document-security-classification-downgrade-process-event-name
| | | | | | | | | |__Declassify-Date-Time-Group		group	1	0600	declassify-date-time
| | | | | | | | | | |__Date		field	1	0082	document-security-declassification-date
| | | | | | | | | | |__Time		field	0:1	0160	document-security-declassification-time
| | | | | | | |__Copyright-Information-Group		group	1	0600	copyright-information-group
| | | | | | | |__Copyright-Type		field	1	0012	document-copyright-code
| | | | | | | |__Copyright-Owner-Identification-Group		choice	0:1	0600	copyright-owner-identification
	If Copyright type equal 'N' then element is blank else element is non-blank				
| | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier
| | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | |__Copyright-Date-Time-Group		group	0:1	0600	copyright-date-time
	If Copyright type equal 'N' then copyright-date-time group is blank else copyright-date-time group is non-blank				
| | | | | | | | |__Date		field	1	0082	document-copyright-date
| | | | | | | | |__Time		field	0:1	0160	document-copyright-time
| | | | | | | |__Distribution-Information-Group		group	1	0600	distribution-information
| | | | | | | |__Distribution-Statement-Code-Group		group	1	0600	distribution-statement-code

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | |__Distribution-Statement-Code		field	1	0014	document-distribution-statement-code
| | | | | | | | | |__Distribution-Statement-Reason-Code		field	1:N	0015	document-distribution-statement-reason-code
| | | | | | | | | |__Distribution-Statement-Information-Group		group	0:1	0600	distribution-statement-information
	If Distribution statement code equal "A" and the Distribution statement reason code equal "00" then the Distribution statement information group is blank else the Distribution statement information group is non-blank				
| | | | | | | | | |__Distribution-Statement-Determination-Date-Time-Group		group	1	0600	distribution-statement-date-time
| | | | | | | | | | |__Date		field	1	0082	document-distribution-restriction-determination-date
| | | | | | | | | | |__Time		field	0:1	0160	document-distribution-restriction-determination-time
| | | | | | | | | |__Distribution-Controlling-Office-Group		group	1	0600	distribution-controlling-office
| | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | |__Distribution-Controlling-Office-Name		field	0:1	0044	document-distribution-controller-enterprise-office-name
| | | | | | | |__Export-Control-Restriction-Code		field	1	0079	document-export-control-code
	If distribution-statement-code equals 'A' then element must be 'N'; If distribution-statement-code equals 'X' then element must be 'Y'.				
| | | | | | | |__Data-Rights-Information-Group		group	1	0600	data-rights-information
| | | | | | | |__Government-Rights-In-Technical-Data-Code		field	1	0022	technical-document-government-data-rights-code
| | | | | | | |__Company-Proprietary-Rights-Code		field	1	0084	document-company-proprietary-data-rights-code
	If the Government Rights in Technical Data code equal 'U' then the element is either 'N' or 'S' else the element is 'P'.				
| | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
	If the Government rights in Technical Data code equal "U" and the Company Proprietary rights code equal "N" then the Company name is blank else the Company name is non-blank				
| | | | | | | |__Contract-Authorizing-Government-Rights-Group		group	0:1	0600	contract-identifier-information-authorizing-government-rights
	If the Government rights in Technical Data code equal 'U' or 'N' then the element is blank else the element is non-blank.				
| | | | | | | | |__Data-Rights-Contract-Number		field	1	0266	document-source-assigned-alphanumeric-identifier
| | | | | | | | |__Data-Rights-Contract-Date-Time-Group		group	1	0600	contact-data-rights-date-time
| | | | | | | | | |__Date		field	1	0082	contract-date
| | | | | | | | | |__Time		field	0:1	0160	contract-time

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | |__File-Information-Group		choice	1	0600	File-information
| | | | | | | |__Imbedded-File-Information-Group		group	0:1	0600	imbedded-file-information
	Imbedded file information group contains the hexa-decimal representation of the file.				
| | | | | | | | |__File-Size-In-Bytes		field	1	0601	file-size-in-bytes
| | | | | | | | |__File		field	1	0601	file
| | | | | | | | |__Computer-Operating-System-Type-Code		field	0:1	0213	computer-operating-system-asset-type-code
| | | | | | | |__CITIS-Access-Information-Group		group	0:1	0600	contractor-integrated-technical-information-service-information
| | | | |__Non-Digital-Representation-Group		group	0:1	0600	non-digital-representation-information
	If Document representation medium identification not equal "D" then Non digital Document representation information group is non-blank else Non digital Document representation information group is blank				
| |__Sheet-Managed-Document-Group		choice	0:1	0600	sheet-managed-document
| | |__Single-Sheet-Group		group	0:1	0600	single-sheet
| | | |__Drawing-Size		field	0:1	0112	document-sheet-size-code
| | | |__Document-Representation-Group		group	1:N	0600	document-representation
| | | | |__Document-Representation-Originator-Group		choice	1	0600	document-representation-originator
| | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | |__Document-Representation-Custodian-Group		choice	1	0600	document-representation-custodian
| | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | |__Document-Representation-Custodian-Office-Name		field	1	0044	document-custodial-enterprise-office-name
| | | | |__Document-Representation-Version-Group		group	1	0600	document-representation-version
| | | | | |__Version-Identification-Group		field	1	0600	version-identification
| | | | | | |__Version-Date-Time-Group		group	1	0600	version-date-time
| | | | | | | |__Date		field	1	0082	document-representation-creation-date
| | | | | | | |__Time		field	0:1	0160	document-representation-creation-time
| | | | | | |__Alphanumeric-Version-Identifier		field	1	0208	document-representation-version-identifier
| | | | | |__Version-Status-Group		group	1	0600	version-status
| | | | | | |__Version-Status-Code		field	1	0021	document-representation-release-process-disposition-status-code
| | | | | | |__Version-Status-Date-Time-Group		group	1	0600	version-status-date-time
| | | | | | | |__Date		field	1	0082	document-representation-release-process-disposition-status-date
| | | | | | | |__Time		field	0:1	0160	document-representation-release-process-disposition-status-time
| | | | |__Document-Representation-Medium-Code		field	1	0326	document-representation-medium-identification-code
| | | | |__Document-Representation-Medium-Group		choice	1	0600	representation-medium
| | | | | |__Digital-Representation-Group		group	0:1	0600	digital-document-representation-information
	If Document representation medium code = 'D' then Digital representation group is non-blank else Digital representation group is blank				
| | | | | | |__Digital-Representation-Target-Environment-Type-Code		field	1	0210	document-file-type-code
| | | | | | |__Target-Environment-Group		choice	0:1	0600	target-environment
| | | | | | | |__Standards-Based-Group		group	0:1	0600	standards-based
	If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'STAND' then element is non-blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'PLANG' then element is blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) is not equal to 'STAND' or 'PLANG', then element may be non-blank.				
| | | | | | | | |__Standards-Based-Identifier-Source-Group		choice	1	0600	standards-based-identifier-source
| | | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier
| | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | |__Standards-Based-Document-Identifier		field	1	0266	document-source-assigned-alphanumeric-identifier
| | | | | | | | |__Standards-Based-Document-Revision-Group		choice	1	0600	standards-based-document-revision
| | | | | | | | | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | | | | | | | | | |__Date		field	1	0082	document-revision-generic-date
| | | | | | | | | | |__Time		field	0:1	0160	document-revision-generic-time
| | | | | | | | | | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier
| | | | | | | |__Proprietary-Software-Based-Group		group	0:1	0600	proprietary-software-based
	If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'PLANG' then element is non-blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'STAND' then element is blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) is not equal to 'STAND' or 'PLANG', then element may be non-blank.				
| | | | | | | | |__Proprietary-Software-Based-Identifier-Source-Group		choice	1	0600	proprietary-software-based-identifier-source
| | | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | |__Proprietary-Software-Based-Identifier		field	1	0024	product-identifier
| | | | | | |__File-Identification-Group		group	1:N	0600	file-identification
| | | | | | | |__File-Identifier		field	1	0206	electronic-document-file-identifier
| | | | | | | |__File-Identifier-Source-Group		choice	0:1	0600	file-identifier-source

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | |__File-Origination-Date-Time-Group		group	1	0600	File-origination-date-time
| | | | | | | | |__Date		field	1	0082	electronic-document-file-creation-date
| | | | | | | | |__Time		field	1	0160	electronic-document-file-creation-time
| | | | | | | |__File-Description		field	0:1	0212	document-file-description-text
| | | | | | | |__File-Compression-Method-Code		field	0:1	0214	document-file-compression-method-code
| | | | | | | |__File-Type-Group		group	1	0600	file-type
| | | | | | | | |__File-Type-Code		field	1	0210	document-file-type-code
| | | | | | | | |__File-Type-Information-Group		choice	0:1	0600	file-type-information
| | | | | | | | | |__Standards-Based-Group		group	0:1	0600	standards-based
	If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'STAND' then element is non-blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'PLANG' then element is blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) is not equal to 'STAND' or 'PLANG', then element may be non-blank.				
| | | | | | | | | | |__Standards-Based-Identifier-Source-Group		choice	1	0600	standards-based-identifier-source
| | | | | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | | | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier
| | | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | | |__Standards-Based-Document-Identifier		field	1	0266	document-source-assigned-alphanumeric-identifier
| | | | | | | | | |__Standards-Based-Document-Revision-Group		choice	1	0600	standards-based-document-revision
| | | | | | | | | | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | | | | | | | | | | |__Date		field	1	0082	document-revision-generic-date
| | | | | | | | | | | |__Time		field	0:1	0160	document-revision-generic-time
| | | | | | | | | | | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier
| | | | | | | | | |__Proprietary-Software-Based-Group		group	0:1	0600	proprietary-software-based
	If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'PLANG' then element is non-blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'STAND' then element is blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) is not equal to 'STAND' or 'PLANG', then element may be non-blank.				
| | | | | | | | | | |__Proprietary-Software-Based-Identifier-Source-Group		choice	1	0600	proprietary-software-based-identifier-source
| | | | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | | |__Proprietary-Software-Based-Identifier		field	1	0024	product-identifier
| | | | | | |__Security-Protection-Group		group	1	0600	security-protection
| | | | | | | |__Government-Security-Classification-Group		group	1	0600	government-security-classification
| | | | | | | | |__Government-Security-Classification-Code		field	1	0010	document-security-classification-code
| | | | | | | | |__Classification-Information-Group		group	0:1	0600	classification-information
	If Government security class equals 'U' or 'FOUO' then the Classification information group is blank else the Classification information group is non- blank				

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | | |__Classification-Authority-Text		field	1	0155	document-security-classification-authority-text
| | | | | | | | | | |__Classified-Date-Time-Group		group	1	0600	classified-date-time
| | | | | | | | | | | |__Date		field	1	0082	document-security-classification-date
| | | | | | | | | | | |__Time		field	0:1	0160	document-security-classification-time
| | | | | | | | | | |__Access-Restriction-Code		field	0:N	0085	document-security-access-restriction-code
| | | | | | | | | | |__Downgrade-Information-Group		group	0:1	0600	downgrade-information
	If Government security class not equal 'U', 'FOUO', 'C', 'NC' or 'NR' then the Downgrade information group is non-blank else the Downgrade information group is blank				
| | | | | | | | | | | |__Downgrade-Classification-Code		field	1	0010	document-security-classification-code
| | | | | | | | | | | |__Downgrade-Event-Date-Time-Group		choice	1	0600	downgrade-event-date-time
| | | | | | | | | | | | |__Downgrade-Date-Time-Group		group	0:1	0600	downgrade-date-time
| | | | | | | | | | | | | |__Date		field	1	0082	document-security-classification-downgrade-date
| | | | | | | | | | | | | |__Time		field	0:1	0160	document-security-classification-downgrade-time
| | | | | | | | | | | | | |__Downgrade-Event		field	0:1	0156	document-security-classification-downgrade-process-event-name
| | | | | | | | | | | |__Declassify-Date-Time-Group		group	1	0600	declassify-date-time
| | | | | | | | | | | |__Date		field	1	0082	document-security-declassification-date
| | | | | | | | | | | |__Time		field	0:1	0160	document-security-declassification-time
| | | | | | | | |__Copyright-Information-Group		group	1	0600	copyright-information-group
| | | | | | | | | |__Copyright-Type		field	1	0012	document-copyright-code
| | | | | | | | | |__Copyright-Owner-Identification-Group		choice	0:1	0600	copyright-owner-identification
	If Copyright type equal 'N' then element is blank else element is non-blank				
| | | | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | | | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier
| | | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | | |__Copyright-Date-Time-Group		group	0:1	0600	copyright-date-time
	If Copyright type equal 'N' then copyright-date-time group is blank else copyright-date-time group is non-blank				
| | | | | | | | | | |__Date		field	1	0082	document-copyright-date
| | | | | | | | | | |__Time		field	0:1	0160	document-copyright-time
| | | | | | | | |__Distribution-Information-Group		group	1	0600	distribution-information
| | | | | | | | | |__Distribution-Statement-Code-Group		group	1	0600	distribution-statement-code
| | | | | | | | | | |__Distribution-Statement-Code		field	1	0014	document-distribution-statement-code
| | | | | | | | | | |__Distribution-Statement-Reason-Code		field	1:N	0015	document-distribution-statement-reason-code
| | | | | | | | | | |__Distribution-Statement-Information-Group		group	0:1	0600	distribution-statement-information
	If Distribution statement code equal "A" and the Distribution statement reason code equal "00" then the Distribution statement information group is blank else the Distribution statement information group is non-blank				
| | | | | | | | | | | |__Distribution-Statement-Determination-Date-Time-Group		group	1	0600	distribution-statement-date-time
| | | | | | | | | | | | |__Date		field	1	0082	document-distribution-restriction-determination-date
| | | | | | | | | | | | |__Time		field	0:1	0160	document-distribution-restriction-determination-time
| | | | | | | | | | | |__Distribution-Controlling-Office-Group		group	1	0600	distribution-controlling-office
| | | | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | |__Distribution-Controlling-Office-Name		field	0:1	0044	document-distribution-controller-enterprise-office-name
| | | | | | | | |__Export-Control-Restriction-Code		field	1	0079	document-export-control-code
	If distribution-statement-code equals 'A' then element must be 'N'; If distribution-statement-code equals 'X' then element must be 'Y'.				
| | | | | | | | |__Data-Rights-Information-Group		group	1	0600	data-rights-information
| | | | | | | | | |__Government-Rights-In-Technical-Data-Code		field	1	0022	technical-document-government-data-rights-code
| | | | | | | | | |__Company-Proprietary-Rights-Code		field	1	0084	document-company-proprietary-data-rights-code
	If the Government Rights in Technical Data code equal 'U' then the element is either 'N' or 'S' else the element is 'P'.				

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
	If the Government rights in Technical Data code equal "U" and the Company Proprietary rights code equal "N" then the Company name is blank else the Company name is non-blank				
| | | | | | | | | |__Contract-Authorizing-Government-Rights-Group		group	0:1	0600	contract-identifier-information-authorizing-government-rights
	If the Government rights in Technical Data code equal 'U' or 'N' then the element is blank else the element is non-blank.				
| | | | | | | | | | |__Data-Rights-Contract-Number		field	1	0266	document-source-assigned-alphanumeric-identifier
| | | | | | | | | | |__Data-Rights-Contract-Date-Time-Group		group	1	0600	contact-data-rights-date-time
| | | | | | | | | | | |__Date		field	1	0082	contract-date
| | | | | | | | | | | |__Time		field	0:1	0160	contract-time
| | | | | | |__File-Information-Group		choice	1	0600	File-information
| | | | | | | |__Imbedded-File-Information-Group		group	0:1	0600	imbedded-file-information
	Imbedded file information group contains the hexa-decimal representation of the file.				
| | | | | | | | | |__File-Size-In-Bytes		field	1	0601	file-size-in-bytes
| | | | | | | | | |__File		field	1	0601	file
| | | | | | | | | |__Computer-Operating-System-Type-Code		field	0:1	0213	computer-operating-system-asset-type-code
| | | | | | | | |__CITIS-Access-Information-Group		group	0:1	0600	contractor-integrated-technical-information-service-information
| | | | | |__Non-Digital-Representation-Group		group	0:1	0600	non-digital-representation-information
	If Document representation medium identification not equal "D" then Non digital Document representation information group is non-blank else Non digital Document representation information group is blank				
| | |__Multi-Sheet-Group		group	0:1	0600	multi-sheet
| | | |__Total-Sheets		field	1	0110	document-sheet-total-quantity
| | | |__Sheets-Group		group	2:N	0600	sheets
| | | | |__Sheet-Number		field	1	0026	document-sheet-identifier
| | | | |__Drawing-Size		field	0:1	0112	document-sheet-size-code
| | | | |__Sheet-Revision-Group		choice	1	0600	sheet-revision
| | | | | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | | | | | |__Date		field	1	0082	document-revision-generic-date
| | | | | | |__Time		field	0:1	0160	document-revision-generic-time
| | | | | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier
| | | | |__Document-Representation-Group		group	1:N	0600	document-representation

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | |__Document-Representation-Originator-Group		choice	1	0600	document-representation-originator
| | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | |__Document-Representation-Custodian-Group		choice	1	0600	document-representation-custodian
| | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | |__Document-Representation-Custodian-Office-Name		field	1	0044	document-custodial-enterprise-office-name
| | | | | |__Document-Representation-Version-Group		group	1	0600	document-representation-version
| | | | | | |__Version-Identification-Group		field	1	0600	version-identification
| | | | | | | |__Version-Date-Time-Group		group	1	0600	version-date-time
| | | | | | | | |__Date		field	1	0082	document-representation-creation-date
| | | | | | | | |__Time		field	0:1	0160	document-representation-creation-time
| | | | | | | |__Alphanumeric-Version-Identifier		field	1	0208	document-representation-version-identifier
| | | | | | |__Version-Status-Group		group	1	0600	version-status
| | | | | | | |__Version-Status-Code		field	1	0021	document-representation-release-process-disposition-status-code
| | | | | | | |__Version-Status-Date-Time-Group		group	1	0600	version-status-date-time
| | | | | | | | |__Date		field	1	0082	document-representation-release-process-disposition-status-date

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | |__Time		field	0:1	0160	document-representation-release-process-disposition-status-time
| | | | | |__Document-Representation-Medium-Code		field	1	0326	document-representation-medium-identification-code
| | | | | |__Document-Representation-Medium-Group		choice	1	0600	representation-medium
| | | | | | |__Digital-Representation-Group		group	0:1	0600	digital-document-representation-information
	If Document representation medium code = 'D' then Digital representation group is non-blank else Digital representation group is blank				
| | | | | | | |__Digital-Representation-Target-Environment-Type-Code		field	1	0210	document-file-type-code
| | | | | | | |__Target-Environment-Group		choice	0:1	0600	target-environment
| | | | | | | | |__Standards-Based-Group		group	0:1	0600	standards-based
	If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'STAND' then element is non-blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'PLANG' then element is blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) is not equal to 'STAND' or 'PLANG', then element may be non-blank.				
| | | | | | | | | |__Standards-Based-Identifier-Source-Group		choice	1	0600	standards-based-identifier-source
| | | | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | | | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier
| | | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | | |__Standards-Based-Document-Identifier		field	1	0266	document-source-assigned-alphanumeric-identifier
| | | | | | | | | |__Standards-Based-Document-Revision-Group		choice	1	0600	standards-based-document-revision
| | | | | | | | | | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | | | | | | | | | | |__Date		field	1	0082	document-revision-generic-date
| | | | | | | | | | | |__Time		field	0:1	0160	document-revision-generic-time
| | | | | | | | | | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | |__Proprietary-Software-Based-Group	If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'PLANG' then element is non-blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'STAND' then element is blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) is not equal to 'STAND' or 'PLANG', then element may be non-blank.	group	0:1	0600	proprietary-software-based
| | | | | | | | | |__Proprietary-Software-Based-Identifier-Source-Group		choice	1	0600	proprietary-software-based-identifier-source
| | | | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | | |__Proprietary-Software-Based-Identifier		field	1	0024	product-identifier
| | | | | | | |__File-Identification-Group		group	1:N	0600	file-identification
| | | | | | | | |__File-Identifier		field	1	0206	electronic-document-file-identifier
| | | | | | | | |__File-Identifier-Source-Group		choice	0:1	0600	file-identifier-source
| | | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | |__File-Origination-Date-Time-Group		group	1	0600	File-origination-date-time

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | |__Date		field	1	0082	electronic-document-file-creation-date
| | | | | | | | | |__Time		field	1	0160	electronic-document-file-creation-time
| | | | | | | | |__File-Description		field	0:1	0212	document-file-description-text
| | | | | | | | |__File-Compression-Method-Code		field	0:1	0214	document-file-compression-method-code
| | | | | | | | |__File-Type-Group		group	1	0600	file-type
| | | | | | | | | |__File-Type-Code		field	1	0210	document-file-type-code
| | | | | | | | | |__File-Type-Information-Group		choice	0:1	0600	file-type-information
| | | | | | | | | | |__Standards-Based-Group		group	0:1	0600	standards-based
	If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'STAND' then element is non-blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'PLANG' then element is blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) is not equal to 'STAND' or 'PLANG', then element may be non-blank.				
| | | | | | | | | | | |__Standards-Based-Identifier-Source-Group		choice	1	0600	standards-based-identifier-source
| | | | | | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | | | | | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier
| | | | | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | | | | | |__Standards-Based-Document-Identifier		field	1	0266	document-source-assigned-alphanumeric-identifier
| | | | | | | | | | | | |__Standards-Based-Document-Revision-Group		choice	1	0600	standards-based-document-revision
| | | | | | | | | | | | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | | | | | | | | | | | |__Date		field	1	0082	document-revision-generic-date
| | | | | | | | | | | | |__Time		field	0:1	0160	document-revision-generic-time
| | | | | | | | | | | | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | | |__Proprietary-Software-Based-Group		group	0:1	0600	proprietary-software-based
	If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'PLANG' then element is non-blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'STAND' then element is blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) is not equal to 'STAND' or 'PLANG', then element may be non-blank.				
| | | | | | | | | | | |__Proprietary-Software-Based-Identifier-Source-Group		choice	1	0600	proprietary-software-based-identifier-source
| | | | | | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | | | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | | | | |__Proprietary-Software-Based-Identifier		field	1	0024	product-identifier
| | | | | | | | |__Security-Protection-Group		group	1	0600	security-protection
| | | | | | | | | |__Government-Security-Classification-Group		group	1	0600	government-security-classification
| | | | | | | | | |__Government-Security-Classification-Code		field	1	0010	document-security-classification-code
| | | | | | | | | |__Classification-Information-Group		group	0:1	0600	classification-information
	If Government security class equals 'U' or 'FOUO' then the Classification information group is blank else the Classification information group is non- blank				
| | | | | | | | | | |__Classification-Authority-Text		field	1	0155	document-security-classification-authority-text
| | | | | | | | | | |__Classified-Date-Time-Group		group	1	0600	classified-date-time
| | | | | | | | | | | |__Date		field	1	0082	document-security-classification-date
| | | | | | | | | | | |__Time		field	0:1	0160	document-security-classification-time
| | | | | | | | | | | |__Access-Restriction-Code		field	0:N	0085	document-security-access-restriction-code
| | | | | | | | | | | |__Downgrade-Information-Group		group	0:1	0600	downgrade-information
	If Government security class not equal 'U', 'FOUO', 'C', 'NC' or 'NR' then the Downgrade information group is non-blank else the Downgrade information group is blank				
| | | | | | | | | | | | |__Downgrade-Classification-Code		field	1	0010	document-security-classification-code
| | | | | | | | | | | | |__Downgrade-Event-Date-Time-Group		choice	1	0600	downgrade-event-date-time

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | | | | | |__Downgrade-Date-Time-Group		group	0:1	0600	downgrade-date-time
| | | | | | | | | | | | | |__Date		field	1	0082	document-security-classification-downgrade-date
| | | | | | | | | | | | | |__Time		field	0:1	0160	document-security-classification-downgrade-time
| | | | | | | | | | | | | |__Downgrade-Event		field	0:1	0156	document-security-classification-downgrade-process-event-name
| | | | | | | | | | | |__Declassify-Date-Time-Group		group	1	0600	declassify-date-time
| | | | | | | | | | | | |__Date		field	1	0082	document-security-declassification-date
| | | | | | | | | | | | |__Time		field	0:1	0160	document-security-declassification-time
| | | | | | | | |__Copyright-Information-Group		group	1	0600	copyright-information-group
| | | | | | | | | |__Copyright-Type		field	1	0012	document-copyright-code
| | | | | | | | | |__Copyright-Owner-Identification-Group		choice	0:1	0600	copyright-owner-identification
	If Copyright type equal 'N' then element is blank else element is non-blank				
| | | | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | | | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier
| | | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | | | |__Copyright-Date-Time-Group		group	0:1	0600	copyright-date-time
	If Copyright type equal 'N' then copyright-date-time group is blank else copyright-date-time group is non-blank				
| | | | | | | | | | |__Date		field	1	0082	document-copyright-date
| | | | | | | | | | |__Time		field	0:1	0160	document-copyright-time
| | | | | | | | |__Distribution-Information-Group		group	1	0600	distribution-information
| | | | | | | | | |__Distribution-Statement-Code-Group		group	1	0600	distribution-statement-code
| | | | | | | | | |__Distribution-Statement-Code		field	1	0014	document-distribution-statement-code
| | | | | | | | | |__Distribution-Statement-Reason-Code		field	1:N	0015	document-distribution-statement-reason-code

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | | |__Distribution-Statement-Information-Group		group	0:1	0600	distribution-statement-information
	If Distribution statement code equal "A" and the Distribution statement reason code equal "00" then the Distribution statement information group is blank else the Distribution statement information group is non-blank				
| | | | | | | | | | | |__Distribution-Statement-Determination-Date-Time-Group		group	1	0600	distribution-statement-date-time
| | | | | | | | | | | | |__Date		field	1	0082	document-distribution-restriction-determination-date
| | | | | | | | | | | | |__Time		field	0:1	0160	document-distribution-restriction-determination-time
| | | | | | | | | | | | |__Distribution-Controlling-Office-Group		group	1	0600	distribution-controlling-office
| | | | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | | |__Distribution-Controlling-Office-Name		field	0:1	0044	document-distribution-controller-enterprise-office-name
| | | | | | | | | |__Export-Control-Restriction-Code		field	1	0079	document-export-control-code
	If distribution-statement-code equals 'A' then element must be 'N'; If distribution-statement-code equals 'X' then element must be 'Y'.				
| | | | | | | | | |__Data-Rights-Information-Group		group	1	0600	data-rights-information
| | | | | | | | | |__Government-Rights-In-Technical-Data-Code		field	1	0022	technical-document-government-data-rights-code
| | | | | | | | | |__Company-Proprietary-Rights-Code		field	1	0084	document-company-proprietary-data-rights-code
	If the Government Rights in Technical Data code equal 'U' then the element is either 'N' or 'S' else the element is 'P'.				
| | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
	If the Government rights in Technical Data code equal "U" and the Company Proprietary rights code equal "N" then the Company name is blank else the Company name is non-blank				
| | | | | | | | | |__Contract-Authorizing-Government-Rights-Group		group	0:1	0600	contract-identifier-information-authorizing-government-rights
	If the Government rights in Technical Data code equal 'U' or 'N' then the element is blank else the element is non-blank.				
| | | | | | | | | | |__Data-Rights-Contract-Number		field	1	0266	document-source-assigned-alphanumeric-identifier
| | | | | | | | | | |__Data-Rights-Contract-Date-Time-Group		group	1	0600	contact-data-rights-date-time
| | | | | | | | | | | |__Date		field	1	0082	contract-date
| | | | | | | | | | | |__Time		field	0:1	0160	contract-time
| | | | | | | |__File-Information-Group		choice	1	0600	File-information
| | | | | | | | |__Imbedded-File-Information-Group		group	0:1	0600	imbedded-file-information
	Imbedded file information group contains the hexa-decimal representation of the file.				

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | | |__File-Size-In-Bytes		field	1	0601	file-size-in-bytes
| | | | | | | | | | |__File		field	1	0601	file
| | | | | | | | | | |__Computer-Operating-System-Type-Code		field	0:1	0213	computer-operating-system-asset-type-code
| | | | | | | | | |__CITIS-Access-Information-Group		group	0:1	0600	contractor-integrated-technical-information-service-information
| | | | | | |__Non-Digital-Representation-Group		group	0:1	0600	non-digital-representation-information
	If Document representation medium identification not equal "D" then Non digital Document representation information group is non-blank else Non digital Document representation information group is blank				

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
Data Information Packet Name: Specification					
|__Base-Document-Identification-Group		group	1:N	0600	base-document-identification
| |__Document-Identifier-Source-Group		choice	1	0600	document-identifier-source
| | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | |__Company-Name		field	0:1	0170	enterprise-name
| | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| |__Document-Identifier		field	1	0266	document-source-assigned-alphanumeric-identifier
|__Document-Revision-Group		group	1	0600	document-revision
| |__Revision-Identification-Group		choice	1	0600	revision-identification
| | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | | |__Date		field	1	0082	document-revision-generic-date
| | | |__Time		field	0:1	0160	document-revision-generic-time
| | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier
| |__Revision-Status-Group		group	1	0600	document-revision-status
| | |__Revision-Status-Code		field	1	0021	document-revision-approval-process-disposition-status-code
| | |__Revision-Status-Date-Time-Group		group	1	0600	document-revision-status-date-time
| | | |__Date		field	1	0082	document-revision-approval-process-disposition-status-date
| | | |__Time		field	0:1	0160	document-revision-approval-process-disposition-status-time
|__Specification-Document-Subsidiary-Type-Code	May be non-blank only if Document source identifier group has a non-blank CAGE/NSCM code.	field	1	0108	specification-document-subsidiary-type-code
|__Document-Title		field	1	0008	document-name
|__Document-Preparation-Date-Time-Group		group	0:1	0600	document-preparation-date-time

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| |__Date		field	1	0082	document-preparation-date
| |__Time		field	0:1	0160	document-preparation-time
|__Federal-Supply-Class-Code		field	0:1	0073	product-federal-supply-classification-code
|__Special-Condition-Code		field	0:N	0257	engineering-document-special-condition-code
|__Hazardous-Material-Code		field	0:1	0078	supply-item-hazardous-material-code
|__CDCA-Group		group	1	0600	current-document-change-authority
| |__CDCA-Identification-Group		group	1	0600	current-document-change-authority-identification
| | |__CDCA-Identifier-Group		choice	1	0600	current-document-change-authority-identifier
| | | |__Company-Name		field	0:1	0170	enterprise-name
| | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | |__CDCA-Office-Name		field	0:1	0044	current-document-design-control-enterprise-office-name
| |__CDCA-Effective-Date-Time-Group		group	0:1	0600	current-document-change-authority-effective-date-time
| | |__Date		field	1	0082	document-change-control-authority-effective-date
| | |__Time		field	0:1	0160	document-change-control-authority-effective-time
|__Product-Defined-Group		choice	0:N	0600	product-defined
| |__Part-Identification-Group		group	1	0600	part-identification
| | |__Part-Identifier-Source-Group		choice	1	0600	product-identifier-source
| | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier
| | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | |__Part-Identifier-Group		group	1	0600	part-identifier
| | | |__Part-Number		field	1	0024	product-identifier
| | | |__Part-Parameters-Group		group	0:N	0600	part-parameters
| | | | |__Part-Classification-Code		field	1	0036	part-classification-type-code
| | | | |__Part-Classification-Value		field	1	0037	part-classification-type-value
| |__Software-Identification-Group		group	1	0600	software-identification
| | |__Software-Identifier-Source-Group		choice	1	0600	product-identifier-source
| | | |__Human-Personal-Identifier-Group		group	1	0600	human-personal-identifier
| | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | |__Software-Identifier		field	1	0024	product-identifier
|__Related-Document-Group		group	0:N	0600	related-document
| |__Related-Document-Relationship-Type	Must be either 'RD' or 'IA'	field	1	0048	relationship-type
| |__Related-Document-Identifier-Source-Group		choice	1	0600	related-document-identifier-source
| | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | |__Company-Name		field	0:1	0170	enterprise-name

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| |__Related-Document-Identifier		field	1	0266	document-source-assigned-alphanumeric-identifier
| |__Related-Document-Revision-Identification-Group		choice	0:1	0600	related-document-revision-identification
| | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | | |__Date		field	1	0082	document-revision-generic-date
| | | |__Time		field	0:1	0160	document-revision-generic-time
| | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier
|__ECP-Authorizing-This-Revision-Group	May be non blank only if Associated list type code = "PL"	group	0:1	0600	engineering-change-proposal-authorizing-this-revision
| |__ECP-Identifier-Source-Group		choice	1	0600	engineering-change-proposal-identifier-source
| | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | |__Company-Name		field	0:1	0170	enterprise-name
| | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| |__ECP-Identifier		field	1	0266	document-source-assigned-alphanumeric-identifier
| |__ECP-Revision-Identification-Group		choice	0:1	0600	engineering-change-proposal-revision-identification
| | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | | |__Date		field	1	0082	document-revision-generic-date
| | | |__Time		field	0:1	0160	document-revision-generic-time
| | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
|__Security-Protection-Group		group	1	0600	security-protection
| |__Government-Security-Classification-Group		group	1	0600	government-security-classification
| | |__Government-Security-Classification-Code		field	1	0010	document-security-classification-code
| | |__Classification-Information-Group		group	0:1	0600	classification-information
	If Government security class equals 'U' or 'FOUO' then the Classification information group is blank else the Classification information group is non- blank				
| | | |__Classification-Authority-Text		field	1	0155	document-security-classification-authority-text
| | | |__Classified-Date-Time-Group		group	1	0600	classified-date-time
| | | | |__Date		field	1	0082	document-security-classification-date
| | | | |__Time		field	0:1	0160	document-security-classification-time
| | | |__Access-Restriction-Code		field	0:N	0085	document-security-access-restriction-code
| | | |__Downgrade-Information-Group		group	0:1	0600	downgrade-information
	If Government security class not equal 'U', 'FOUO', 'C', 'NC' or 'NR' then the Downgrade information group is non-blank else the Downgrade information group is blank				
| | | | |__Downgrade-Classification-Code		field	1	0010	document-security-classification-code
| | | | |__Downgrade-Event-Date-Time-Group		choice	1	0600	downgrade-event-date-time
| | | | | |__Downgrade-Date-Time-Group		group	0:1	0600	downgrade-date-time
| | | | | | |__Date		field	1	0082	document-security-classification-downgrade-date
| | | | | | |__Time		field	0:1	0160	document-security-classification-downgrade-time
| | | | | |__Downgrade-Event		field	0:1	0156	document-security-classification-downgrade-process-event-name
| | | |__Declassify-Date-Time-Group		group	1	0600	declassify-date-time
| | | | |__Date		field	1	0082	document-security-declassification-date
| | | | |__Time		field	0:1	0160	document-security-declassification-time
| |__Copyright-Information-Group		group	1	0600	copyright-information-group
| | |__Copyright-Type		field	1	0012	document-copyright-code
| | |__Copyright-Owner-Identification-Group		choice	0:1	0600	copyright-owner-identification
	If Copyright type equal 'N' then element is blank else element is non-blank				
| | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier
| | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | |__Copyright-Date-Time-Group		group	0:1	0600	copyright-date-time
	If Copyright type equal 'N' then copyright-date-time group is blank else copyright-date-time group is non-blank				
| | | |__Date		field	1	0082	document-copyright-date
| | | |__Time		field	0:1	0160	document-copyright-time
| |__Distribution-Information-Group		group	1	0600	distribution-information
| | |__Distribution-Statement-Code-Group		group	1	0600	distribution-statement-code
| | | |__Distribution-Statement-Code		field	1	0014	document-distribution-statement-code
| | | |__Distribution-Statement-Reason-Code		field	1:N	0015	document-distribution-statement-reason-code
| | |__Distribution-Statement-Information-Group		group	0:1	0600	distribution-statement-information
	If Distribution statement code equal "A" and the Distribution statement reason code equal "00" then the Distribution statement information group is blank else the Distribution statement information group is non-blank				
| | | |__Distribution-Statement-Determination-Date-Time-Group		group	1	0600	distribution-statement-date-time
| | | | |__Date		field	1	0082	document-distribution-restriction-determination-date
| | | | |__Time		field	0:1	0160	document-distribution-restriction-determination-time
| | | |__Distribution-Controlling-Office-Group		group	1	0600	distribution-controlling-office
| | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | |__Distribution-Controlling-Office-Name		field	0:1	0044	document-distribution-controller-enterprise-office-name
| |__Export-Control-Restriction-Code		field	1	0079	document-export-control-code
	If distribution-statement-code equals 'A' then element must be 'N'; If distribution-statement-code equals 'X' then element must be 'Y'.				

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| |__Data-Rights-Information-Group		group	1	0600	data-rights-information
| | |__Government-Rights-In-Technical-Data-Code		field	1	0022	technical-document-government-data-rights-code
| | |__Company-Proprietary-Rights-Code		field	1	0084	document-company-proprietary-data-rights-code
	If the Government Rights in Technical Data code equal 'U' then the element is either 'N' or 'S' else the element is 'P'.				
| | |__Company-Name		field	0:1	0170	enterprise-name
	If the Government rights in Technical Data code equal "U" and the Company Proprietary rights code equal "N" then the Company name is blank else the Company name is non-blank				
| | |__Contract-Authorizing-Government-Rights-Group		group	0:1	0600	contract-identifier-information-authorizing-government-rights
	If the Government rights in Technical Data code equal 'U' or 'N' then the element is blank else the element is non-blank.				
| | | |__Data-Rights-Contract-Number		field	1	0266	document-source-assigned-alphanumeric-identifier
| | | |__Data-Rights-Contract-Date-Time-Group		group	1	0600	contact-data-rights-date-time
| | | | |__Date		field	1	0082	contract-date
| | | | |__Time		field	0:1	0160	contract-time
|__Sheet-Management-Group		choice	1	0600	sheet-management
| |__Non-Sheet-Managed-Document-Group		group	0:1	0600	non-sheet-managed-document
| | |__Document-Representation-Group		group	1:N	0600	document-representation
| | | |__Document-Representation-Originator-Group		choice	1	0600	document-representation-originator
| | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | |__Document-Representation-Custodian-Group		choice	1	0600	document-representation-custodian
| | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | |__Document-Representation-Custodian-Office-Name		field	1	0044	document-custodial-enterprise-office-name
| | | |__Document-Representation-Version-Group		group	1	0600	document-representation-version
| | | | |__Version-Identification-Group		field	1	0600	version-identification
| | | | | |__Version-Date-Time-Group		group	1	0600	version-date-time
| | | | | | |__Date		field	1	0082	document-representation-creation-date
| | | | | | |__Time		field	0:1	0160	document-representation-creation-time
| | | | | |__Alphanumeric-Version-Identifier		field	1	0208	document-representation-version-identifier
| | | | |__Version-Status-Group		group	1	0600	version-status
| | | | | |__Version-Status-Code		field	1	0021	document-representation-release-process-disposition-status-code
| | | | | |__Version-Status-Date-Time-Group		group	1	0600	version-status-date-time
| | | | | | |__Date		field	1	0082	document-representation-release-process-disposition-status-date
| | | | | | |__Time		field	0:1	0160	document-representation-release-process-disposition-status-time
| | | |__Document-Representation-Medium-Code		field	1	0326	document-representation-medium-identification-code
| | | |__Document-Representation-Medium-Group		choice	1	0600	representation-medium
| | | | |__Digital-Representation-Group		group	0:1	0600	digital-document-representation-information
	If Document representation medium code = 'D' then Digital representation group is non-blank else Digital representation group is blank				
| | | | | |__Digital-Representation-Target-Environment-Type-Code		field	1	0210	document-file-type-code
| | | | | |__Target-Environment-Group		choice	0:1	0600	target-environment
| | | | | | |__Standards-Based-Group		group	0:1	0600	standards-based
	If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'STAND' then element is non-blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'PLANG' then element is blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) is not equal to 'STAND' or 'PLANG', then element may be non-blank.				
| | | | | | | |__Standards-Based-Identifier-Source-Group		choice	1	0600	standards-based-identifier-source
| | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier
| | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | |__Standards-Based-Document-Identifier		field	1	0266	document-source-assigned-alphanumeric-identifier
| | | | | | | |__Standards-Based-Document-Revision-Group		choice	1	0600	standards-based-document-revision
| | | | | | | | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | | | | | | | | |__Date		field	1	0082	document-revision-generic-date
| | | | | | | | | |__Time		field	0:1	0160	document-revision-generic-time
| | | | | | | | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier
| | | | | | |__Proprietary-Software-Based-Group		group	0:1	0600	proprietary-software-based
	If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'PLANG' then element is non-blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'STAND' then element is blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) is not equal to 'STAND' or 'PLANG', then element may be non-blank.				
| | | | | | | | |__Proprietary-Software-Based-Identifier-Source-Group		choice	1	0600	proprietary-software-based-identifier-source
| | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | |__Proprietary-Software-Based-Identifier		field	1	0024	product-identifier
| | | | | |__File-Identification-Group		group	1:N	0600	file-identification

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | |__File-Identifier		field	1	0206	electronic-document-file-identifier
| | | | | | |__File-Identifier-Source-Group		choice	0:1	0600	file-identifier-source
| | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | |__File-Origination-Date-Time-Group		group	1	0600	File-origination-date-time
| | | | | | | |__Date		field	1	0082	electronic-document-file-creation-date
| | | | | | | |__Time		field	1	0160	electronic-document-file-creation-time
| | | | | | |__File-Description		field	0:1	0212	document-file-description-text
| | | | | | |__File-Compression-Method-Code		field	0:1	0214	document-file-compression-method-code
| | | | | | |__File-Type-Group		group	1	0600	file-type
| | | | | | | |__File-Type-Code		field	1	0210	document-file-type-code
| | | | | | | |__File-Type-Information-Group		choice	0:1	0600	file-type-information
| | | | | | | | |__Standards-Based-Group		group	0:1	0600	standards-based
	If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'STAND' then element is non-blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'PLANG' then element is blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) is not equal to 'STAND' or 'PLANG', then element may be non-blank.				
| | | | | | | | | |__Standards-Based-Identifier-Source-Group		choice	1	0600	standards-based-identifier-source
| | | | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | | |__Standards-Based-Document-Identifier		field	1	0266	document-source-assigned-alphanumeric-identifier
| | | | | | | | | |__Standards-Based-Document-Revision-Group		choice	1	0600	standards-based-document-revision
| | | | | | | | | | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | | | | | | | | | | |__Date		field	1	0082	document-revision-generic-date
| | | | | | | | | | | |__Time		field	0:1	0160	document-revision-generic-time
| | | | | | | | | | | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier
| | | | | | | | |__Proprietary-Software-Based-Group		group	0:1	0600	proprietary-software-based
	If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'PLANG' then element is non-blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'STAND' then element is blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) is not equal to 'STAND' or 'PLANG', then element may be non-blank.				
| | | | | | | | | |__Proprietary-Software-Based-Identifier-Source-Group		choice	1	0600	proprietary-software-based-identifier-source
| | | | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | | |__Proprietary-Software-Based-Identifier		field	1	0024	product-identifier
| | | | | | |__Security-Protection-Group		group	1	0600	security-protection
| | | | | | | |__Government-Security-Classification-Group		group	1	0600	government-security-classification

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | |__Government-Security-Classification-Code		field	1	0010	document-security-classification-code
| | | | | | | | |__Classification-Information-Group		group	0:1	0600	classification-information
	If Government security class equals 'U' or 'FOUO' then the Classification information group is blank else the Classification information group is non- blank				
| | | | | | | | | |__Classification-Authority-Text		field	1	0155	document-security-classification-authority-text
| | | | | | | | | |__Classified-Date-Time-Group		group	1	0600	classified-date-time
| | | | | | | | | | |__Date		field	1	0082	document-security-classification-date
| | | | | | | | | | |__Time		field	0:1	0160	document-security-classification-time
| | | | | | | | | |__Access-Restriction-Code		field	0:N	0085	document-security-access-restriction-code
| | | | | | | | | |__Downgrade-Information-Group		group	0:1	0600	downgrade-information
	If Government security class not equal 'U', 'FOUO', 'C', 'NC' or 'NR' then the Downgrade information group is non-blank else the Downgrade information group is blank				
| | | | | | | | | | |__Downgrade-Classification-Code		field	1	0010	document-security-classification-code
| | | | | | | | | | |__Downgrade-Event-Date-Time-Group		choice	1	0600	downgrade-event-date-time
| | | | | | | | | | | |__Downgrade-Date-Time-Group		group	0:1	0600	downgrade-date-time
| | | | | | | | | | | | |__Date		field	1	0082	document-security-classification-downgrade-date
| | | | | | | | | | | | |__Time		field	0:1	0160	document-security-classification-downgrade-time
| | | | | | | | | | | |__Downgrade-Event		field	0:1	0156	document-security-classification-downgrade-process-event-name
| | | | | | | | | |__Declassify-Date-Time-Group		group	1	0600	declassify-date-time
| | | | | | | | | | |__Date		field	1	0082	document-security-declassification-date
| | | | | | | | | | |__Time		field	0:1	0160	document-security-declassification-time
| | | | | | | |__Copyright-Information-Group		group	1	0600	copyright-information-group
| | | | | | | | |__Copyright-Type		field	1	0012	document-copyright-code
| | | | | | | | |__Copyright-Owner-Identification-Group		choice	0:1	0600	copyright-owner-identification
	If Copyright type equal 'N' then element is blank else element is non-blank				
| | | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier
| | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | |__Copyright-Date-Time-Group		group	0:1	0600	copyright-date-time
	If Copyright type equal 'N' then copyright-date-time group is blank else copyright-date-time group is non-blank				
| | | | | | | | | |__Date		field	1	0082	document-copyright-date
| | | | | | | | | |__Time		field	0:1	0160	document-copyright-time
| | | | | | | |__Distribution-Information-Group		group	1	0600	distribution-information
| | | | | | | | |__Distribution-Statement-Code-Group		group	1	0600	distribution-statement-code
| | | | | | | | | |__Distribution-Statement-Code		field	1	0014	document-distribution-statement-code
| | | | | | | | | |__Distribution-Statement-Reason-Code		field	1:N	0015	document-distribution-statement-reason-code
| | | | | | | | | |__Distribution-Statement-Information-Group		group	0:1	0600	distribution-statement-information
	If Distribution statement code equal "A" and the Distribution statement reason code equal "00" then the Distribution statement information group is blank else the Distribution statement information group is non-blank				
| | | | | | | | | | |__Distribution-Statement-Determination-Date-Time-Group		group	1	0600	distribution-statement-date-time
| | | | | | | | | | | |__Date		field	1	0082	document-distribution-restriction-determination-date
| | | | | | | | | | | |__Time		field	0:1	0160	document-distribution-restriction-determination-time
| | | | | | | | | | |__Distribution-Controlling-Office-Group		group	1	0600	distribution-controlling-office
| | | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | |__Distribution-Controlling-Office-Name		field	0:1	0044	document-distribution-controller-enterprise-office-name
| | | | | | | |__Export-Control-Restriction-Code		field	1	0079	document-export-control-code
	If distribution-statement-code equals 'A' then element must be 'N'; If distribution-statement-code equals 'X' then element must be 'Y'.				
| | | | | | | |__Data-Rights-Information-Group		group	1	0600	data-rights-information
| | | | | | | |__Government-Rights-In-Technical-Data-Code		field	1	0022	technical-document-government-data-rights-code

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | |__Company-Proprietary-Rights-Code		field	1	0084	document-company-proprietary-data-rights-code
	If the Government Rights in Technical Data code equal 'U' then the element is either 'N' or 'S' else the element is 'P'.				
| | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
	If the Government rights in Technical Data code equal "U" and the Company Proprietary rights code equal "N" then the Company name is blank else the Company name is non-blank				
| | | | | | | | |__Contract-Authorizing-Government-Rights-Group		group	0:1	0600	contract-identifier-information-authorizing-government-rights
	If the Government rights in Technical Data code equal 'U' or 'N' then the element is blank else the element is non-blank.				
| | | | | | | | | |__Data-Rights-Contract-Number		field	1	0266	document-source-assigned-alphanumeric-identifier
| | | | | | | | | |__Data-Rights-Contract-Date-Time-Group		group	1	0600	contact-data-rights-date-time
| | | | | | | | | | |__Date		field	1	0082	contract-date
| | | | | | | | | | |__Time		field	0:1	0160	contract-time
| | | | | | |__File-Information-Group		choice	1	0600	File-information
| | | | | | | |__Imbedded-File-Information-Group		group	0:1	0600	imbedded-file-information
	Imbedded file information group contains the hexa-decimal representation of the file.				
| | | | | | | | |__File-Size-In-Bytes		field	1	0601	file-size-in-bytes
| | | | | | | | |__File		field	1	0601	file
| | | | | | | | |__Computer-Operating-System-Type-Code		field	0:1	0213	computer-operating-system-asset-type-code
| | | | | | | |__CITIS-Access-Information-Group		group	0:1	0600	contractor-integrated-technical-information-service-information
| | | | |__Non-Digital-Representation-Group		group	0:1	0600	non-digital-representation-information
	If Document representation medium identification not equal "D" then Non digital Document representation information group is non-blank else Non digital Document representation information group is blank				
| |__Sheet-Managed-Document-Group		choice	0:1	0600	sheet-managed-document
| | |__Single-Sheet-Group		group	0:1	0600	single-sheet
| | | |__Drawing-Size		field	0:1	0112	document-sheet-size-code
| | | |__Document-Representation-Group		group	1:N	0600	document-representation
| | | | |__Document-Representation-Originator-Group		choice	1	0600	document-representation-originator
| | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | |__Document-Representation-Custodian-Group		choice	1	0600	document-representation-custodian
| | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | |__Document-Representation-Custodian-Office-Name		field	1	0044	document-custodial-enterprise-office-name
| | | | |__Document-Representation-Version-Group		group	1	0600	document-representation-version
| | | | | |__Version-Identification-Group		field	1	0600	version-identification
| | | | | | |__Version-Date-Time-Group		group	1	0600	version-date-time
| | | | | | | |__Date		field	1	0082	document-representation-creation-date
| | | | | | | |__Time		field	0:1	0160	document-representation-creation-time
| | | | | | |__Alphanumeric-Version-Identifier		field	1	0208	document-representation-version-identifier
| | | | | |__Version-Status-Group		group	1	0600	version-status
| | | | | | |__Version-Status-Code		field	1	0021	document-representation-release-process-disposition-status-code
| | | | | | |__Version-Status-Date-Time-Group		group	1	0600	version-status-date-time
| | | | | | | |__Date		field	1	0082	document-representation-release-process-disposition-status-date
| | | | | | | |__Time		field	0:1	0160	document-representation-release-process-disposition-status-time
| | | | |__Document-Representation-Medium-Code		field	1	0326	document-representation-medium-identification-code
| | | | |__Document-Representation-Medium-Group		choice	1	0600	representation-medium
| | | | | |__Digital-Representation-Group		group	0:1	0600	digital-document-representation-information
	If Document representation medium code = 'D' then Digital representation group is non-blank else Digital representation group is blank				
| | | | | | |__Digital-Representation-Target-Environment-Type-Code		field	1	0210	document-file-type-code

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | |__Target-Environment-Group		choice	0:1	0600	target-environment
| | | | | | | |__Standards-Based-Group		group	0:1	0600	standards-based
	If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'STAND' then element is non-blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'PLANG' then element is blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) is not equal to 'STAND' or 'PLANG', then element may be non-blank.				
| | | | | | | | |__Standards-Based-Identifier-Source-Group		choice	1	0600	standards-based-identifier-source
| | | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier
| | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | |__Standards-Based-Document-Identifier		field	1	0266	document-source-assigned-alphanumeric-identifier
| | | | | | | | |__Standards-Based-Document-Revision-Group		choice	1	0600	standards-based-document-revision
| | | | | | | | | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | | | | | | | | | |__Date		field	1	0082	document-revision-generic-date
| | | | | | | | | | |__Time		field	0:1	0160	document-revision-generic-time
| | | | | | | | | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier
| | | | | | | |__Proprietary-Software-Based-Group		group	0:1	0600	proprietary-software-based
	If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'PLANG' then element is non-blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'STAND' then element is blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) is not equal to 'STAND' or 'PLANG', then element may be non-blank.				
| | | | | | | | |__Proprietary-Software-Based-Identifier-Source-Group		choice	1	0600	proprietary-software-based-identifier-source
| | | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | |__Proprietary-Software-Based-Identifier		field	1	0024	product-identifier
| | | | | | |__File-Identification-Group		group	1:N	0600	file-identification
| | | | | | | |__File-Identifier		field	1	0206	electronic-document-file-identifier
| | | | | | | |__File-Identifier-Source-Group		choice	0:1	0600	file-identifier-source
| | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | |__File-Origination-Date-Time-Group		group	1	0600	File-origination-date-time
| | | | | | | | |__Date		field	1	0082	electronic-document-file-creation-date
| | | | | | | | |__Time		field	1	0160	electronic-document-file-creation-time
| | | | | | | | |__File-Description		field	0:1	0212	document-file-description-text
| | | | | | | | |__File-Compression-Method-Code		field	0:1	0214	document-file-compression-method-code
| | | | | | | | |__File-Type-Group		group	1	0600	file-type
| | | | | | | | |__File-Type-Code		field	1	0210	document-file-type-code
| | | | | | | | |__File-Type-Information-Group		choice	0:1	0600	file-type-information

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | |__Standards-Based-Group		group	0:1	0600	standards-based
	If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'STAND' then element is non-blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'PLANG' then element is blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) is not equal to 'STAND' or 'PLANG', then element may be non-blank.				
| | | | | | | | | | |__Standards-Based-Identifier-Source-Group		choice	1	0600	standards-based-identifier-source
| | | | | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | | | | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier
| | | | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | | | |__Standards-Based-Document-Identifier		field	1	0266	document-source-assigned-alphanumeric-identifier
| | | | | | | | | | |__Standards-Based-Document-Revision-Group		choice	1	0600	standards-based-document-revision
| | | | | | | | | | | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | | | | | | | | | | | |__Date		field	1	0082	document-revision-generic-date
| | | | | | | | | | | | |__Time		field	0:1	0160	document-revision-generic-time
| | | | | | | | | | | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier
| | | | | | | | | |__Proprietary-Software-Based-Group		group	0:1	0600	proprietary-software-based
	If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'PLANG' then element is non-blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'STAND' then element is blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) is not equal to 'STAND' or 'PLANG', then element may be non-blank.				
| | | | | | | | | | |__Proprietary-Software-Based-Identifier-Source-Group		choice	1	0600	proprietary-software-based-identifier-source
| | | | | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | | | |__Proprietary-Software-Based-Identifier		field	1	0024	product-identifier
| | | | | | | |__Security-Protection-Group		group	1	0600	security-protection
| | | | | | | | |__Government-Security-Classification-Group		group	1	0600	government-security-classification
| | | | | | | | | |__Government-Security-Classification-Code		field	1	0010	document-security-classification-code
| | | | | | | | | |__Classification-Information-Group		group	0:1	0600	classification-information
	If Government security class equals 'U' or 'FOUO' then the Classification information group is blank else the Classification information group is non- blank				
| | | | | | | | | | |__Classification-Authority-Text		field	1	0155	document-security-classification-authority-text
| | | | | | | | | | |__Classified-Date-Time-Group		group	1	0600	classified-date-time
| | | | | | | | | | | |__Date		field	1	0082	document-security-classification-date
| | | | | | | | | | | |__Time		field	0:1	0160	document-security-classification-time
| | | | | | | | | | | |__Access-Restriction-Code		field	0:N	0085	document-security-access-restriction-code
| | | | | | | | | | | |__Downgrade-Information-Group		group	0:1	0600	downgrade-information
	If Government security class not equal 'U', 'FOUO', 'C', 'NC' or 'NR' then the Downgrade information group is non-blank else the Downgrade information group is blank				
| | | | | | | | | | | | |__Downgrade-Classification-Code		field	1	0010	document-security-classification-code
| | | | | | | | | | | | |__Downgrade-Event-Date-Time-Group		choice	1	0600	downgrade-event-date-time
| | | | | | | | | | | | | |__Downgrade-Date-Time-Group		group	0:1	0600	downgrade-date-time
| | | | | | | | | | | | | | |__Date		field	1	0082	document-security-classification-downgrade-date
| | | | | | | | | | | | | | |__Time		field	0:1	0160	document-security-classification-downgrade-time
| | | | | | | | | | | | | |__Downgrade-Event		field	0:1	0156	document-security-classification-downgrade-process-event-name
| | | | | | | | | | | |__Declassify-Date-Time-Group		group	1	0600	declassify-date-time
| | | | | | | | | | | |__Date		field	1	0082	document-security-declassification-date
| | | | | | | | | | | |__Time		field	0:1	0160	document-security-declassification-time
| | | | | | | | |__Copyright-Information-Group		group	1	0600	copyright-information-group

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | |__Copyright-Type		field	1	0012	document-copyright-code
| | | | | | | | | |__Copyright-Owner-Identification-Group	If Copyright type equal 'N' then element is blank else element is non-blank	choice	0:1	0600	copyright-owner-identification
| | | | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | | | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier
| | | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | | |__Copyright-Date-Time-Group	If Copyright type equal 'N' then copyright-date-time group is blank else copyright-date-time group is non-blank	group	0:1	0600	copyright-date-time
| | | | | | | | | | |__Date		field	1	0082	document-copyright-date
| | | | | | | | | | |__Time		field	0:1	0160	document-copyright-time
| | | | | | | | |__Distribution-Information-Group		group	1	0600	distribution-information
| | | | | | | | | |__Distribution-Statement-Code-Group		group	1	0600	distribution-statement-code
| | | | | | | | | | |__Distribution-Statement-Code		field	1	0014	document-distribution-statement-code
| | | | | | | | | | |__Distribution-Statement-Reason-Code		field	1:N	0015	document-distribution-statement-reason-code
| | | | | | | | | | |__Distribution-Statement-Information-Group	If Distribution statement code equal "A" and the Distribution statement reason code equal "00" then the Distribution statement information group is blank else the Distribution statement information group is non-blank	group	0:1	0600	distribution-statement-information
| | | | | | | | | | | |__Distribution-Statement-Determination-Date-Time-Group		group	1	0600	distribution-statement-date-time
| | | | | | | | | | | | |__Date		field	1	0082	document-distribution-restriction-determination-date
| | | | | | | | | | | | |__Time		field	0:1	0160	document-distribution-restriction-determination-time
| | | | | | | | | | | | |__Distribution-Controlling-Office-Group		group	1	0600	distribution-controlling-office
| | | | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | |__Distribution-Controlling-Office-Name		field	0:1	0044	document-distribution-controller-enterprise-office-name
| | | | | | | | |__Export-Control-Restriction-Code		field	1	0079	document-export-control-code
	If distribution-statement-code equals 'A' then element must be 'N'; If distribution-statement-code equals 'X' then element must be 'Y'.				
| | | | | | | | |__Data-Rights-Information-Group		group	1	0600	data-rights-information
| | | | | | | | |__Government-Rights-In-Technical-Data-Code		field	1	0022	technical-document-government-data-rights-code
| | | | | | | | |__Company-Proprietary-Rights-Code		field	1	0084	document-company-proprietary-data-rights-code
	If the Government Rights in Technical Data code equal 'U' then the element is either 'N' or 'S' else the element is 'P'.				
| | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
	If the Government rights in Technical Data code equal "U" and the Company Proprietary rights code equal "N" then the Company name is blank else the Company name is non-blank				
| | | | | | | | |__Contract-Authorizing-Government-Rights-Group		group	0:1	0600	contract-identifier-information-authorizing-government-rights
	If the Government rights in Technical Data code equal 'U' or 'N' then the element is blank else the element is non-blank.				
| | | | | | | | | |__Data-Rights-Contract-Number		field	1	0266	document-source-assigned-alphanumeric-identifier
| | | | | | | | | |__Data-Rights-Contract-Date-Time-Group		group	1	0600	contact-data-rights-date-time
| | | | | | | | | | |__Date		field	1	0082	contract-date
| | | | | | | | | | |__Time		field	0:1	0160	contract-time
| | | | | | |__File-Information-Group		choice	1	0600	File-information
| | | | | | | |__Imbedded-File-Information-Group		group	0:1	0600	imbedded-file-information
	Imbedded file information group contains the hexa-decimal representation of the file.				
| | | | | | | | |__File-Size-In-Bytes		field	1	0601	file-size-in-bytes
| | | | | | | | |__File		field	1	0601	file
| | | | | | | | |__Computer-Operating-System-Type-Code		field	0:1	0213	computer-operating-system-asset-type-code
| | | | | | | |__CITIS-Access-Information-Group		group	0:1	0600	contractor-integrated-technical-information-service-information
| | | | |__Non-Digital-Representation-Group		group	0:1	0600	non-digital-representation-information
	If Document representation medium identification not equal "D" then Non digital Document representation information group is non-blank else Non digital Document representation information group is blank				
| | |__Multi-Sheet-Group		group	0:1	0600	multi-sheet
| | | |__Total-Sheets		field	1	0110	document-sheet-total-quantity

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | |__Sheets-Group		group	2:N	0600	sheets
| | | | |__Sheet-Number		field	1	0026	document-sheet-identifier
| | | | |__Drawing-Size		field	0:1	0112	document-sheet-size-code
| | | | |__Sheet-Revision-Group		choice	1	0600	sheet-revision
| | | | | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | | | | | |__Date		field	1	0082	document-revision-generic-date
| | | | | | |__Time		field	0:1	0160	document-revision-generic-time
| | | | | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier
| | | | |__Document-Representation-Group		group	1:N	0600	document-representation
| | | | | |__Document-Representation-Originator-Group		choice	1	0600	document-representation-originator
| | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | |__Document-Representation-Custodian-Group		choice	1	0600	document-representation-custodian
| | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | |__Document-Representation-Custodian-Office-Name		field	1	0044	document-custodial-enterprise-office-name
| | | | | |__Document-Representation-Version-Group		group	1	0600	document-representation-version

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | |__Version-Identification-Group		field	1	0600	version-identification
| | | | | | | |__Version-Date-Time-Group		group	1	0600	version-date-time
| | | | | | | | |__Date		field	1	0082	document-representation-creation-date
| | | | | | | | |__Time		field	0:1	0160	document-representation-creation-time
| | | | | | | |__Alphanumeric-Version-Identifier		field	1	0208	document-representation-version-identifier
| | | | | | |__Version-Status-Group		group	1	0600	version-status
| | | | | | | |__Version-Status-Code		field	1	0021	document-representation-release-process-disposition-status-code
| | | | | | | |__Version-Status-Date-Time-Group		group	1	0600	version-status-date-time
| | | | | | | | |__Date		field	1	0082	document-representation-release-process-disposition-status-date
| | | | | | | | |__Time		field	0:1	0160	document-representation-release-process-disposition-status-time
| | | | | |__Document-Representation-Medium-Code		field	1	0326	document-representation-medium-identification-code
| | | | | |__Document-Representation-Medium-Group		choice	1	0600	representation-medium
| | | | | | |__Digital-Representation-Group		group	0:1	0600	digital-document-representation-information
	If Document representation medium code = 'D' then Digital representation group is non-blank else Digital representation group is blank				
| | | | | | | |__Digital-Representation-Target-Environment-Type-Code		field	1	0210	document-file-type-code
| | | | | | | |__Target-Environment-Group		choice	0:1	0600	target-environment
| | | | | | | | |__Standards-Based-Group		group	0:1	0600	standards-based
	If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'STAND' then element is non-blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'PLANG' then element is blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) is not equal to 'STAND' or 'PLANG', then element may be non-blank.				
| | | | | | | | | |__Standards-Based-Identifier-Source-Group		choice	1	0600	standards-based-identifier-source
| | | | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | | | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier
| | | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | |__Standards-Based-Document-Identifier		field	1	0266	document-source-assigned-alphanumeric-identifier
| | | | | | | | |__Standards-Based-Document-Revision-Group		choice	1	0600	standards-based-document-revision
| | | | | | | | | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | | | | | | | | | |__Date		field	1	0082	document-revision-generic-date
| | | | | | | | | | |__Time		field	0:1	0160	document-revision-generic-time
| | | | | | | | | | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier
| | | | | | | |__Proprietary-Software-Based-Group		group	0:1	0600	proprietary-software-based
	If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'PLANG' then element is non-blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'STAND' then element is blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) is not equal to 'STAND' or 'PLANG', then element may be non-blank.				
| | | | | | | | |__Proprietary-Software-Based-Identifier-Source-Group		choice	1	0600	proprietary-software-based-identifier-source
| | | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | |__Proprietary-Software-Based-Identifier		field	1	0024	product-identifier
| | | | | | |__File-Identification-Group		group	1:N	0600	file-identification
| | | | | | | |__File-Identifier		field	1	0206	electronic-document-file-identifier
| | | | | | | |__File-Identifier-Source-Group		choice	0:1	0600	file-identifier-source
| | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | |__File-Origination-Date-Time-Group		group	1	0600	File-origination-date-time
| | | | | | | | |__Date		field	1	0082	electronic-document-file-creation-date
| | | | | | | | |__Time		field	1	0160	electronic-document-file-creation-time
| | | | | | | | |__File-Description		field	0:1	0212	document-file-description-text
| | | | | | | | |__File-Compression-Method-Code		field	0:1	0214	document-file-compression-method-code
| | | | | | | | |__File-Type-Group		group	1	0600	file-type
| | | | | | | | | |__File-Type-Code		field	1	0210	document-file-type-code
| | | | | | | | | |__File-Type-Information-Group		choice	0:1	0600	file-type-information
| | | | | | | | | | |__Standards-Based-Group		group	0:1	0600	standards-based
	If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'STAND' then element is non-blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'PLANG' then element is blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) is not equal to 'STAND' or 'PLANG', then element may be non-blank.				
| | | | | | | | | | | |__Standards-Based-Identifier-Source-Group		choice	1	0600	standards-based-identifier-source
| | | | | | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | | | | | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier
| | | | | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | | | |__Standards-Based-Document-Identifier		field	1	0266	document-source-assigned-alphanumeric-identifier
| | | | | | | | | | | |__Standards-Based-Document-Revision-Group		choice	1	0600	standards-based-document-revision
| | | | | | | | | | | | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | | | | | | | | | | | | |__Date		field	1	0082	document-revision-generic-date
| | | | | | | | | | | | | |__Time		field	0:1	0160	document-revision-generic-time
| | | | | | | | | | | | | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier
| | | | | | | | | | |__Proprietary-Software-Based-Group		group	0:1	0600	proprietary-software-based
	If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'PLANG' then element is non-blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'STAND' then element is blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) is not equal to 'STAND' or 'PLANG', then element may be non-blank.				
| | | | | | | | | | | | |__Proprietary-Software-Based-Identifier-Source-Group		choice	1	0600	proprietary-software-based-identifier-source
| | | | | | | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | | | | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | | | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | | | | | |__Proprietary-Software-Based-Identifier		field	1	0024	product-identifier
| | | | | | | | |__Security-Protection-Group		group	1	0600	security-protection
| | | | | | | | | |__Government-Security-Classification-Group		group	1	0600	government-security-classification
| | | | | | | | | | |__Government-Security-Classification-Code		field	1	0010	document-security-classification-code
| | | | | | | | | | |__Classification-Information-Group		group	0:1	0600	classification-information
	If Government security class equals 'U' or 'FOUO' then the Classification information group is blank else the Classification information group is non- blank				
| | | | | | | | | | | |__Classification-Authority-Text		field	1	0155	document-security-classification-authority-text
| | | | | | | | | | | |__Classified-Date-Time-Group		group	1	0600	classified-date-time
| | | | | | | | | | | | |__Date		field	1	0082	document-security-classification-date

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | | | | |__Time		field	0:1	0160	document-security-classification-time
| | | | | | | | | | | | |__Access-Restriction-Code		field	0:N	0085	document-security-access-restriction-code
| | | | | | | | | | | | |__Downgrade-Information-Group		group	0:1	0600	downgrade-information
	If Government security class not equal 'U', 'FOUO', 'C', 'NC' or 'NR' then the Downgrade information group is non-blank else the Downgrade information group is blank				
| | | | | | | | | | | | |__Downgrade-Classification-Code		field	1	0010	document-security-classification-code
| | | | | | | | | | | | |__Downgrade-Event-Date-Time-Group		choice	1	0600	downgrade-event-date-time
| | | | | | | | | | | | | |__Downgrade-Date-Time-Group		group	0:1	0600	downgrade-date-time
| | | | | | | | | | | | | | |__Date		field	1	0082	document-security-classification-downgrade-date
| | | | | | | | | | | | | | |__Time		field	0:1	0160	document-security-classification-downgrade-time
| | | | | | | | | | | | | | |__Downgrade-Event		field	0:1	0156	document-security-classification-downgrade-process-event-name
| | | | | | | | | | | | |__Declassify-Date-Time-Group		group	1	0600	declassify-date-time
| | | | | | | | | | | | |__Date		field	1	0082	document-security-declassification-date
| | | | | | | | | | | | |__Time		field	0:1	0160	document-security-declassification-time
| | | | | | | | | |__Copyright-Information-Group		group	1	0600	copyright-information-group
| | | | | | | | | |__Copyright-Type		field	1	0012	document-copyright-code
| | | | | | | | | |__Copyright-Owner-Identification-Group		choice	0:1	0600	copyright-owner-identification
	If Copyright type equal 'N' then element is blank else element is non-blank				
| | | | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier
| | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | | |__Copyright-Date-Time-Group		group	0:1	0600	copyright-date-time
	If Copyright type equal 'N' then copyright-date-time group is blank else copyright-date-time group is non-blank				

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | | | |__Date		field	1	0082	document-copyright-date
| | | | | | | | | | | |__Time		field	0:1	0160	document-copyright-time
| | | | | | | | | |__Distribution-Information-Group		group	1	0600	distribution-information
| | | | | | | | | |__Distribution-Statement-Code-Group		group	1	0600	distribution-statement-code
| | | | | | | | | | |__Distribution-Statement-Code		field	1	0014	document-distribution-statement-code
| | | | | | | | | | |__Distribution-Statement-Reason-Code		field	1:N	0015	document-distribution-statement-reason-code
| | | | | | | | | | |__Distribution-Statement-Information-Group		group	0:1	0600	distribution-statement-information
	If Distribution statement code equal "A" and the Distribution statement reason code equal "00" then the Distribution statement information group is blank else the Distribution statement information group is non-blank				
| | | | | | | | | | | |__Distribution-Statement-Determination-Date-Time-Group		group	1	0600	distribution-statement-date-time
| | | | | | | | | | | | |__Date		field	1	0082	document-distribution-restriction-determination-date
| | | | | | | | | | | | |__Time		field	0:1	0160	document-distribution-restriction-determination-time
| | | | | | | | | | | |__Distribution-Controlling-Office-Group		group	1	0600	distribution-controlling-office
| | | | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | | |__Distribution-Controlling-Office-Name		field	0:1	0044	document-distribution-controller-enterprise-office-name
| | | | | | | | |__Export-Control-Restriction-Code		field	1	0079	document-export-control-code
	If distribution-statement-code equals 'A' then element must be 'N'; If distribution-statement-code equals 'X' then element must be 'Y'.				
| | | | | | | | | |__Data-Rights-Information-Group		group	1	0600	data-rights-information
| | | | | | | | | |__Government-Rights-In-Technical-Data-Code		field	1	0022	technical-document-government-data-rights-code
| | | | | | | | | |__Company-Proprietary-Rights-Code		field	1	0084	document-company-proprietary-data-rights-code
	If the Government Rights in Technical Data code equal 'U' then the element is either 'N' or 'S' else the element is 'P'.				
| | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
	If the Government rights in Technical Data code equal "U" and the Company Proprietary rights code equal "N" then the Company name is blank else the Company name is non-blank				
| | | | | | | | | |__Contract-Authorizing-Government-Rights-Group		group	0:1	0600	contract-identifier-information-authorizing-government-rights
	If the Government rights in Technical Data code equal 'U' or 'N' then the element is blank else the element is non-blank.				

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | | | |__Data-Rights-Contract-Number		field	1	0266	document-source-assigned-alphanumeric-identifier
| | | | | | | | | | | |__Data-Rights-Contract-Date-Time-Group		group	1	0600	contact-data-rights-date-time
| | | | | | | | | | | | |__Date		field	1	0082	contract-date
| | | | | | | | | | | | |__Time		field	0:1	0160	contract-time
| | | | | | | | |__File-Information-Group		choice	1	0600	File-information
| | | | | | | | | |__Imbedded-File-Information-Group	Imbedded file information group contains the hexa-decimal representation of the file.	group	0:1	0600	imbedded-file-information
| | | | | | | | | | |__File-Size-In-Bytes		field	1	0601	file-size-in-bytes
| | | | | | | | | | |__File		field	1	0601	file
| | | | | | | | | | |__Computer-Operating-System-Type-Code		field	0:1	0213	computer-operating-system-asset-type-code
| | | | | | | | | |__CITIS-Access-Information-Group		group	0:1	0600	contractor-integrated-technical-information-service-information
| | | | | | |__Non-Digital-Representation-Group	If Document representation medium identification not equal "D" then Non digital Document representation information group is non-blank else Non digital Document representation information group is blank	group	0:1	0600	non-digital-representation-information

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
Data Information Packet Name: Standard					
|__Base-Document-Identification-Group		group	1:N	0600	base-document-identification
| |__Document-Identifier-Source-Group		choice	1	0600	document-identifier-source
| | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | |__Company-Name		field	0:1	0170	enterprise-name
| | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| |__Document-Identifier		field	1	0266	document-source-assigned-alphanumeric-identifier
|__Document-Revision-Group		group	1	0600	document-revision
| |__Revision-Identification-Group		choice	1	0600	revision-identification
| | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | | |__Date		field	1	0082	document-revision-generic-date
| | | |__Time		field	0:1	0160	document-revision-generic-time
| | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier
| |__Revision-Status-Group		group	1	0600	document-revision-status
| | |__Revision-Status-Code		field	1	0021	document-revision-approval-process-disposition-status-code
| | |__Revision-Status-Date-Time-Group		group	1	0600	document-revision-status-date-time
| | | |__Date		field	1	0082	document-revision-approval-process-disposition-status-date
| | | |__Time		field	0:1	0160	document-revision-approval-process-disposition-status-time
|__Standard-Document-Subsidiary-Type-Code		field	1	0167	standard-document-subsidiary-type-code
|__Document-Title		field	1	0008	document-name
|__Document-Preparation-Date-Time-Group		group	0:1	0600	document-preparation-date-time

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| |__Date		field	1	0082	document-preparation-date
| |__Time		field	0:1	0160	document-preparation-time
|__Special-Condition-Code		field	0:N	0257	engineering-document-special-condition-code
|__Hazardous-Material-Code		field	0:1	0078	supply-item-hazardous-material-code
|__CDCA-Group		group	1	0600	current-document-change-authority
| |__CDCA-Identification-Group		group	1	0600	current-document-change-authority-identification
| | |__CDCA-Identifier-Group		choice	1	0600	current-document-change-authority-identifier
| | | |__Company-Name		field	0:1	0170	enterprise-name
| | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | |__CDCA-Office-Name		field	0:1	0044	current-document-design-control-enterprise-office-name
| |__CDCA-Effective-Date-Time-Group		group	0:1	0600	current-document-change-authority-effective-date-time
| | |__Date		field	1	0082	document-change-control-authority-effective-date
| | |__Time		field	0:1	0160	document-change-control-authority-effective-time
|__Product-Defined-Group		choice	0:N	0600	product-defined
| |__Part-Identification-Group		group	1	0600	part-identification
| | |__Part-Identifier-Source-Group		choice	1	0600	product-identifier-source
| | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier
| | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | |__Part-Identifier-Group		group	1	0600	part-identifier
| | | |__Part-Number		field	1	0024	product-identifier
| | | |__Part-Parameters-Group		group	0:N	0600	part-parameters
| | | | |__Part-Classification-Code		field	1	0036	part-classification-type-code
| | | | |__Part-Classification-Value		field	1	0037	part-classification-type-value
| |__Software-Identification-Group		group	1	0600	software-identification
| | |__Software-Identifier-Source-Group		choice	1	0600	product-identifier-source
| | | |__Human-Personal-Identifier-Group		group	1	0600	human-personal-identifier
| | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | |__Software-Identifier		field	1	0024	product-identifier
|__Related-Document-Group		group	0:N	0600	related-document
| |__Related-Document-Relationship-Type	Must be either 'RD' or 'IA'	field	1	0048	relationship-type
| |__Related-Document-Identifier-Source-Group		choice	1	0600	related-document-identifier-source
| | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | |__Company-Name		field	0:1	0170	enterprise-name
| | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| |__Related-Document-Identifier		field	1	0266	document-source-assigned-alphanumeric-identifier
| |__Related-Document-Revision-Identification-Group		choice	0:1	0600	related-document-revision-identification
| | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | | |__Date		field	1	0082	document-revision-generic-date
| | | |__Time		field	0:1	0160	document-revision-generic-time
| | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier
|__ECP-Authorizing-This-Revision-Group	May be non blank only if Associated list type code = "PL"	group	0:1	0600	engineering-change-proposal-authorizing-this-revision
| |__ECP-Identifier-Source-Group		choice	1	0600	engineering-change-proposal-identifier-source
| | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | |__Company-Name		field	0:1	0170	enterprise-name
| | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| |__ECP-Identifier		field	1	0266	document-source-assigned-alphanumeric-identifier
| |__ECP-Revision-Identification-Group		choice	0:1	0600	engineering-change-proposal-revision-identification
| | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | | |__Date		field	1	0082	document-revision-generic-date
| | | |__Time		field	0:1	0160	document-revision-generic-time
| | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier
|__Security-Protection-Group		group	1	0600	security-protection

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| |__Government-Security-Classification-Group		group	1	0600	government-security-classification
| | |__Government-Security-Classification-Code		field	1	0010	document-security-classification-code
| | |__Classification-Information-Group		group	0:1	0600	classification-information
	If Government security class equals 'U' or 'FOUO' then the Classification information group is blank else the Classification information group is non- blank				
| | | |__Classification-Authority-Text		field	1	0155	document-security-classification-authority-text
| | | |__Classified-Date-Time-Group		group	1	0600	classified-date-time
| | | | |__Date		field	1	0082	document-security-classification-date
| | | | |__Time		field	0:1	0160	document-security-classification-time
| | | |__Access-Restriction-Code		field	0:N	0085	document-security-access-restriction-code
| | | |__Downgrade-Information-Group		group	0:1	0600	downgrade-information
	If Government security class not equal 'U', 'FOUO', 'C', 'NC' or 'NR' then the Downgrade information group is non-blank else the Downgrade information group is blank				
| | | | |__Downgrade-Classification-Code		field	1	0010	document-security-classification-code
| | | | |__Downgrade-Event-Date-Time-Group		choice	1	0600	downgrade-event-date-time
| | | | | |__Downgrade-Date-Time-Group		group	0:1	0600	downgrade-date-time
| | | | | | |__Date		field	1	0082	document-security-classification-downgrade-date
| | | | | | |__Time		field	0:1	0160	document-security-classification-downgrade-time
| | | | | |__Downgrade-Event		field	0:1	0156	document-security-classification-downgrade-process-event-name
| | | |__Declassify-Date-Time-Group		group	1	0600	declassify-date-time
| | | | |__Date		field	1	0082	document-security-declassification-date
| | | | |__Time		field	0:1	0160	document-security-declassification-time
| |__Copyright-Information-Group		group	1	0600	copyright-information-group
| | |__Copyright-Type		field	1	0012	document-copyright-code
| | |__Copyright-Owner-Identification-Group		choice	0:1	0600	copyright-owner-identification
	If Copyright type equal 'N' then element is blank else element is non-blank				
| | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | |__Copyright-Date-Time-Group		group	0:1	0600	copyright-date-time
	If Copyright type equal 'N' then copyright-date-time group is blank else copyright-date-time group is non-blank				
| | | |__Date		field	1	0082	document-copyright-date
| | | |__Time		field	0:1	0160	document-copyright-time
| |__Distribution-Information-Group		group	1	0600	distribution-information
| | |__Distribution-Statement-Code-Group		group	1	0600	distribution-statement-code
| | | |__Distribution-Statement-Code		field	1	0014	document-distribution-statement-code
| | | |__Distribution-Statement-Reason-Code		field	1:N	0015	document-distribution-statement-reason-code
| | |__Distribution-Statement-Information-Group		group	0:1	0600	distribution-statement-information
	If Distribution statement code equal "A" and the Distribution statement reason code equal "00" then the Distribution statement information group is blank else the Distribution statement information group is non-blank				
| | | |__Distribution-Statement-Determination-Date-Time-Group		group	1	0600	distribution-statement-date-time
| | | | |__Date		field	1	0082	document-distribution-restriction-determination-date
| | | | |__Time		field	0:1	0160	document-distribution-restriction-determination-time
| | | |__Distribution-Controlling-Office-Group		group	1	0600	distribution-controlling-office
| | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | |__Distribution-Controlling-Office-Name		field	0:1	0044	document-distribution-controller-enterprise-office-name
| |__Export-Control-Restriction-Code		field	1	0079	document-export-control-code
	If distribution-statement-code equals 'A' then element must be 'N'; If distribution-statement-code equals 'X' then element must be 'Y'.				
| |__Data-Rights-Information-Group		group	1	0600	data-rights-information

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | |__Government-Rights-In-Technical-Data-Code		field	1	0022	technical-document-government-data-rights-code
| | |__Company-Proprietary-Rights-Code		field	1	0084	document-company-proprietary-data-rights-code
	If the Government Rights in Technical Data code equal 'U' then the element is either 'N' or 'S' else the element is 'P'.				
| | |__Company-Name		field	0:1	0170	enterprise-name
	If the Government rights in Technical Data code equal "U" and the Company Proprietary rights code equal "N" then the Company name is blank else the Company name is non-blank				
| | |__Contract-Authorizing-Government-Rights-Group		group	0:1	0600	contract-identifier-information-authorizing-government-rights
	If the Government rights in Technical Data code equal 'U' or 'N' then the element is blank else the element is non-blank.				
| | | |__Data-Rights-Contract-Number		field	1	0266	document-source-assigned-alphanumeric-identifier
| | | |__Data-Rights-Contract-Date-Time-Group		group	1	0600	contact-data-rights-date-time
| | | | |__Date		field	1	0082	contract-date
| | | | |__Time		field	0:1	0160	contract-time
|__Sheet-Management-Group		choice	1	0600	sheet-management
| |__Non-Sheet-Managed-Document-Group		group	0:1	0600	non-sheet-managed-document
| | |__Document-Representation-Group		group	1:N	0600	document-representation
| | | |__Document-Representation-Originator-Group		choice	1	0600	document-representation-originator
| | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | |__Document-Representation-Custodian-Group		choice	1	0600	document-representation-custodian
| | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | |__Document-Representation-Custodian-Office-Name		field	1	0044	document-custodial-enterprise-office-name
| | | |__Document-Representation-Version-Group		group	1	0600	document-representation-version
| | | | |__Version-Identification-Group		field	1	0600	version-identification
| | | | | |__Version-Date-Time-Group		group	1	0600	version-date-time
| | | | | | |__Date		field	1	0082	document-representation-creation-date
| | | | | | |__Time		field	0:1	0160	document-representation-creation-time
| | | | | |__Alphanumeric-Version-Identifier		field	1	0208	document-representation-version-identifier
| | | | |__Version-Status-Group		group	1	0600	version-status
| | | | | |__Version-Status-Code		field	1	0021	document-representation-release-process-disposition-status-code
| | | | | |__Version-Status-Date-Time-Group		group	1	0600	version-status-date-time
| | | | | | |__Date		field	1	0082	document-representation-release-process-disposition-status-date
| | | | | | |__Time		field	0:1	0160	document-representation-release-process-disposition-status-time
| | | |__Document-Representation-Medium-Code		field	1	0326	document-representation-medium-identification-code
| | | |__Document-Representation-Medium-Group		choice	1	0600	representation-medium
| | | |__Digital-Representation-Group		group	0:1	0600	digital-document-representation-information
	If Document representation medium code = 'D' then Digital representation group is non-blank else Digital representation group is blank				
| | | | | |__Digital-Representation-Target-Environment-Type-Code		field	1	0210	document-file-type-code
| | | | | |__Target-Environment-Group		choice	0:1	0600	target-environment
| | | | | | |__Standards-Based-Group		group	0:1	0600	standards-based
	If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'STAND' then element is non-blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'PLANG' then element is blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) is not equal to 'STAND' or 'PLANG', then element may be non-blank.				
| | | | | | | |__Standards-Based-Identifier-Source-Group		choice	1	0600	standards-based-identifier-source
| | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | |__Standards-Based-Document-Identifier		field	1	0266	document-source-assigned-alphanumeric-identifier
| | | | | | | |__Standards-Based-Document-Revision-Group		choice	1	0600	standards-based-document-revision
| | | | | | | | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | | | | | | | | |__Date		field	1	0082	document-revision-generic-date
| | | | | | | | | |__Time		field	0:1	0160	document-revision-generic-time
| | | | | | | | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier
| | | | | | |__Proprietary-Software-Based-Group		group	0:1	0600	proprietary-software-based
	If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'PLANG' then element is non-blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'STAND' then element is blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) is not equal to 'STAND' or 'PLANG', then element may be non-blank.				
| | | | | | | |__Proprietary-Software-Based-Identifier-Source-Group		choice	1	0600	proprietary-software-based-identifier-source
| | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | |__Proprietary-Software-Based-Identifier		field	1	0024	product-identifier
| | | | | |__File-Identification-Group		group	1:N	0600	file-identification
| | | | | | |__File-Identifier		field	1	0206	electronic-document-file-identifier

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | |__File-Identifier-Source-Group		choice	0:1	0600	file-identifier-source
| | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | |__File-Origination-Date-Time-Group		group	1	0600	File-origination-date-time
| | | | | | | |__Date		field	1	0082	electronic-document-file-creation-date
| | | | | | | |__Time		field	1	0160	electronic-document-file-creation-time
| | | | | | |__File-Description		field	0:1	0212	document-file-description-text
| | | | | | |__File-Compression-Method-Code		field	0:1	0214	document-file-compression-method-code
| | | | | | |__File-Type-Group		group	1	0600	file-type
| | | | | | | |__File-Type-Code		field	1	0210	document-file-type-code
| | | | | | | |__File-Type-Information-Group		choice	0:1	0600	file-type-information
| | | | | | | | |__Standards-Based-Group		group	0:1	0600	standards-based
	If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'STAND' then element is non-blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'PLANG' then element is blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) is not equal to 'STAND' or 'PLANG', then element may be non-blank.				
| | | | | | | | | |__Standards-Based-Identifier-Source-Group		choice	1	0600	standards-based-identifier-source
| | | | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | | | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier
| | | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | |__Standards-Based-Document-Identifier		field	1	0266	document-source-assigned-alphanumeric-identifier
| | | | | | | | |__Standards-Based-Document-Revision-Group		choice	1	0600	standards-based-document-revision
| | | | | | | | | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | | | | | | | | | |__Date		field	1	0082	document-revision-generic-date
| | | | | | | | | | |__Time		field	0:1	0160	document-revision-generic-time
| | | | | | | | | | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier
| | | | | | | |__Proprietary-Software-Based-Group		group	0:1	0600	proprietary-software-based
	If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'PLANG' then element is non-blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'STAND' then element is blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) is not equal to 'STAND' or 'PLANG', then element may be non-blank.				
| | | | | | | | |__Proprietary-Software-Based-Identifier-Source-Group		choice	1	0600	proprietary-software-based-identifier-source
| | | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | | |__Proprietary-Software-Based-Identifier		field	1	0024	product-identifier
| | | | | | |__Security-Protection-Group		group	1	0600	security-protection
| | | | | | | |__Government-Security-Classification-Group		group	1	0600	government-security-classification
| | | | | | | | |__Government-Security-Classification-Code		field	1	0010	document-security-classification-code

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | |__Classification-Information-Group		group	0:1	0600	classification-information
	If Government security class equals 'U' or 'FOUO' then the Classification information group is blank else the Classification information group is non- blank				
| | | | | | | | | |__Classification-Authority-Text		field	1	0155	document-security-classification-authority-text
| | | | | | | | | |__Classified-Date-Time-Group		group	1	0600	classified-date-time
| | | | | | | | | | |__Date		field	1	0082	document-security-classification-date
| | | | | | | | | | |__Time		field	0:1	0160	document-security-classification-time
| | | | | | | | | | |__Access-Restriction-Code		field	0:N	0085	document-security-access-restriction-code
| | | | | | | | | | |__Downgrade-Information-Group		group	0:1	0600	downgrade-information
	If Government security class not equal 'U', 'FOUO', 'C', 'NC' or 'NR' then the Downgrade information group is non-blank else the Downgrade information group is blank				
| | | | | | | | | | |__Downgrade-Classification-Code		field	1	0010	document-security-classification-code
| | | | | | | | | | |__Downgrade-Event-Date-Time-Group		choice	1	0600	downgrade-event-date-time
| | | | | | | | | | | |__Downgrade-Date-Time-Group		group	0:1	0600	downgrade-date-time
| | | | | | | | | | | | |__Date		field	1	0082	document-security-classification-downgrade-date
| | | | | | | | | | | | |__Time		field	0:1	0160	document-security-classification-downgrade-time
| | | | | | | | | | | | |__Downgrade-Event		field	0:1	0156	document-security-classification-downgrade-process-event-name
| | | | | | | | | |__Declassify-Date-Time-Group		group	1	0600	declassify-date-time
| | | | | | | | | |__Date		field	1	0082	document-security-declassification-date
| | | | | | | | | |__Time		field	0:1	0160	document-security-declassification-time
| | | | | | | |__Copyright-Information-Group		group	1	0600	copyright-information-group
| | | | | | | |__Copyright-Type		field	1	0012	document-copyright-code
| | | | | | | |__Copyright-Owner-Identification-Group		choice	0:1	0600	copyright-owner-identification
	If Copyright type equal 'N' then element is blank else element is non-blank				
| | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier
| | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | |__Copyright-Date-Time-Group		group	0:1	0600	copyright-date-time
	If Copyright type equal 'N' then copyright-date-time group is blank else copyright-date-time group is non-blank				
| | | | | | | | | |__Date		field	1	0082	document-copyright-date
| | | | | | | | | |__Time		field	0:1	0160	document-copyright-time
| | | | | | | |__Distribution-Information-Group		group	1	0600	distribution-information
| | | | | | | |__Distribution-Statement-Code-Group		group	1	0600	distribution-statement-code
| | | | | | | | |__Distribution-Statement-Code		field	1	0014	document-distribution-statement-code
| | | | | | | | |__Distribution-Statement-Reason-Code		field	1:N	0015	document-distribution-statement-reason-code
| | | | | | | | |__Distribution-Statement-Information-Group		group	0:1	0600	distribution-statement-information
	If Distribution statement code equal "A" and the Distribution statement reason code equal "00" then the Distribution statement information group is blank else the Distribution statement information group is non-blank				
| | | | | | | | | |__Distribution-Statement-Determination-Date-Time-Group		group	1	0600	distribution-statement-date-time
| | | | | | | | | | |__Date		field	1	0082	document-distribution-restriction-determination-date
| | | | | | | | | | |__Time		field	0:1	0160	document-distribution-restriction-determination-time
| | | | | | | | | |__Distribution-Controlling-Office-Group		group	1	0600	distribution-controlling-office
| | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | |__Distribution-Controlling-Office-Name		field	0:1	0044	document-distribution-controller-enterprise-office-name
| | | | | | | |__Export-Control-Restriction-Code		field	1	0079	document-export-control-code
	If distribution-statement-code equals 'A' then element must be 'N'; If distribution-statement-code equals 'X' then element must be 'Y'.				
| | | | | | | |__Data-Rights-Information-Group		group	1	0600	data-rights-information
| | | | | | | |__Government-Rights-In-Technical-Data-Code		field	1	0022	technical-document-government-data-rights-code

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | |__Company-Proprietary-Rights-Code		field	1	0084	document-company-proprietary-data-rights-code
	If the Government Rights in Technical Data code equal 'U' then the element is either 'N' or 'S' else the element is 'P'.				
| | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
	If the Government rights in Technical Data code equal "U" and the Company Proprietary rights code equal "N" then the Company name is blank else the Company name is non-blank				
| | | | | | | | |__Contract-Authorizing-Government-Rights-Group		group	0:1	0600	contract-identifier-information-authorizing-government-rights
	If the Government rights in Technical Data code equal 'U' or 'N' then the element is blank else the element is non-blank.				
| | | | | | | | | |__Data-Rights-Contract-Number		field	1	0266	document-source-assigned-alphanumeric-identifier
| | | | | | | | | |__Data-Rights-Contract-Date-Time-Group		group	1	0600	contact-data-rights-date-time
| | | | | | | | | | |__Date		field	1	0082	contract-date
| | | | | | | | | | |__Time		field	0:1	0160	contract-time
| | | | | | |__File-Information-Group		choice	1	0600	File-information
| | | | | | | |__Imbedded-File-Information-Group		group	0:1	0600	imbedded-file-information
	Imbedded file information group contains the hexa-decimal representation of the file.				
| | | | | | | | |__File-Size-In-Bytes		field	1	0601	file-size-in-bytes
| | | | | | | | |__File		field	1	0601	file
| | | | | | | | |__Computer-Operating-System-Type-Code		field	0:1	0213	computer-operating-system-asset-type-code
| | | | | | | |__CITIS-Access-Information-Group		group	0:1	0600	contractor-integrated-technical-information-service-information
| | | | |__Non-Digital-Representation-Group		group	0:1	0600	non-digital-representation-information
	If Document representation medium identification not equal "D" then Non digital Document representation information group is non-blank else Non digital Document representation information group is blank				
| |__Sheet-Managed-Document-Group		choice	0:1	0600	sheet-managed-document
| | |__Single-Sheet-Group		group	0:1	0600	single-sheet
| | | |__Drawing-Size		field	0:1	0112	document-sheet-size-code
| | | |__Document-Representation-Group		group	1:N	0600	document-representation
| | | | |__Document-Representation-Originator-Group		choice	1	0600	document-representation-originator
| | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | |__Document-Representation-Custodian-Group		choice	1	0600	document-representation-custodian
| | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | |__Document-Representation-Custodian-Office-Name		field	1	0044	document-custodial-enterprise-office-name
| | | | |__Document-Representation-Version-Group		group	1	0600	document-representation-version
| | | | | |__Version-Identification-Group		field	1	0600	version-identification
| | | | | | |__Version-Date-Time-Group		group	1	0600	version-date-time
| | | | | | | |__Date		field	1	0082	document-representation-creation-date
| | | | | | | |__Time		field	0:1	0160	document-representation-creation-time
| | | | | | |__Alphanumeric-Version-Identifier		field	1	0208	document-representation-version-identifier
| | | | | |__Version-Status-Group		group	1	0600	version-status
| | | | | | |__Version-Status-Code		field	1	0021	document-representation-release-process-disposition-status-code
| | | | | | |__Version-Status-Date-Time-Group		group	1	0600	version-status-date-time
| | | | | | | |__Date		field	1	0082	document-representation-release-process-disposition-status-date
| | | | | | | |__Time		field	0:1	0160	document-representation-release-process-disposition-status-time
| | | | |__Document-Representation-Medium-Code		field	1	0326	document-representation-medium-identification-code
| | | | |__Document-Representation-Medium-Group		choice	1	0600	representation-medium
| | | | | |__Digital-Representation-Group		group	0:1	0600	digital-document-representation-information
	If Document representation medium code = 'D' then Digital representation group is non-blank else Digital representation group is blank				
| | | | | | |__Digital-Representation-Target-Environment-Type-Code		field	1	0210	document-file-type-code

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | |__Target-Environment-Group		choice	0:1	0600	target-environment
| | | | | | | |__Standards-Based-Group		group	0:1	0600	standards-based
	If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'STAND' then element is non-blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'PLANG' then element is blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) is not equal to 'STAND' or 'PLANG', then element may be non-blank.				
| | | | | | | | |__Standards-Based-Identifier-Source-Group		choice	1	0600	standards-based-identifier-source
| | | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier
| | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | |__Standards-Based-Document-Identifier		field	1	0266	document-source-assigned-alphanumeric-identifier
| | | | | | | | |__Standards-Based-Document-Revision-Group		choice	1	0600	standards-based-document-revision
| | | | | | | | | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | | | | | | | | | |__Date		field	1	0082	document-revision-generic-date
| | | | | | | | | | |__Time		field	0:1	0160	document-revision-generic-time
| | | | | | | | | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier
| | | | | | | |__Proprietary-Software-Based-Group		group	0:1	0600	proprietary-software-based
	If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'PLANG' then element is non-blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'STAND' then element is blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) is not equal to 'STAND' or 'PLANG', then element may be non-blank.				
| | | | | | | | |__Proprietary-Software-Based-Identifier-Source-Group		choice	1	0600	proprietary-software-based-identifier-source
| | | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | |__Proprietary-Software-Based-Identifier		field	1	0024	product-identifier
| | | | | | |__File-Identification-Group		group	1:N	0600	file-identification
| | | | | | | |__File-Identifier		field	1	0206	electronic-document-file-identifier
| | | | | | | |__File-Identifier-Source-Group		choice	0:1	0600	file-identifier-source
| | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | |__File-Origination-Date-Time-Group		group	1	0600	File-origination-date-time
| | | | | | | |__Date		field	1	0082	electronic-document-file-creation-date
| | | | | | | |__Time		field	1	0160	electronic-document-file-creation-time
| | | | | | | |__File-Description		field	0:1	0212	document-file-description-text
| | | | | | | |__File-Compression-Method-Code		field	0:1	0214	document-file-compression-method-code
| | | | | | | |__File-Type-Group		group	1	0600	file-type
| | | | | | | | |__File-Type-Code		field	1	0210	document-file-type-code
| | | | | | | | |__File-Type-Information-Group		choice	0:1	0600	file-type-information

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | |__Standards-Based-Group		group	0:1	0600	standards-based
	If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'STAND' then element is non-blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'PLANG' then element is blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) is not equal to 'STAND' or 'PLANG', then element may be non-blank.				
| | | | | | | | | | |__Standards-Based-Identifier-Source-Group		choice	1	0600	standards-based-identifier-source
| | | | | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | | | | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier
| | | | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | | | |__Standards-Based-Document-Identifier		field	1	0266	document-source-assigned-alphanumeric-identifier
| | | | | | | | | | |__Standards-Based-Document-Revision-Group		choice	1	0600	standards-based-document-revision
| | | | | | | | | | | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | | | | | | | | | | | |__Date		field	1	0082	document-revision-generic-date
| | | | | | | | | | | | |__Time		field	0:1	0160	document-revision-generic-time
| | | | | | | | | | | | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier
| | | | | | | | | |__Proprietary-Software-Based-Group		group	0:1	0600	proprietary-software-based
	If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'PLANG' then element is non-blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'STAND' then element is blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) is not equal to 'STAND' or 'PLANG', then element may be non-blank.				
| | | | | | | | | | |__Proprietary-Software-Based-Identifier-Source-Group		choice	1	0600	proprietary-software-based-identifier-source
| | | | | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | | | |__Proprietary-Software-Based-Identifier		field	1	0024	product-identifier
| | | | | | | |__Security-Protection-Group		group	1	0600	security-protection
| | | | | | | | |__Government-Security-Classification-Group		group	1	0600	government-security-classification
| | | | | | | | | |__Government-Security-Classification-Code		field	1	0010	document-security-classification-code
| | | | | | | | | |__Classification-Information-Group		group	0:1	0600	classification-information
	If Government security class equals 'U' or 'FOUO' then the Classification information group is blank else the Classification information group is non- blank				
| | | | | | | | | | |__Classification-Authority-Text		field	1	0155	document-security-classification-authority-text
| | | | | | | | | | |__Classified-Date-Time-Group		group	1	0600	classified-date-time
| | | | | | | | | | | |__Date		field	1	0082	document-security-classification-date
| | | | | | | | | | | |__Time		field	0:1	0160	document-security-classification-time
| | | | | | | | | | | |__Access-Restriction-Code		field	0:N	0085	document-security-access-restriction-code
| | | | | | | | | | | |__Downgrade-Information-Group		group	0:1	0600	downgrade-information
	If Government security class not equal 'U', 'FOUO', 'C', 'NC' or 'NR' then the Downgrade information group is non-blank else the Downgrade information group is blank				
| | | | | | | | | | | | |__Downgrade-Classification-Code		field	1	0010	document-security-classification-code
| | | | | | | | | | | | |__Downgrade-Event-Date-Time-Group		choice	1	0600	downgrade-event-date-time
| | | | | | | | | | | | | |__Downgrade-Date-Time-Group		group	0:1	0600	downgrade-date-time
| | | | | | | | | | | | | | |__Date		field	1	0082	document-security-classification-downgrade-date
| | | | | | | | | | | | | | |__Time		field	0:1	0160	document-security-classification-downgrade-time
| | | | | | | | | | | | | |__Downgrade-Event		field	0:1	0156	document-security-classification-downgrade-process-event-name
| | | | | | | | | | | |__Declassify-Date-Time-Group		group	1	0600	declassify-date-time
| | | | | | | | | | | |__Date		field	1	0082	document-security-declassification-date
| | | | | | | | | | | |__Time		field	0:1	0160	document-security-declassification-time
| | | | | | | | |__Copyright-Information-Group		group	1	0600	copyright-information-group

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | |__Copyright-Type		field	1	0012	document-copyright-code
| | | | | | | | | |__Copyright-Owner-Identification-Group	If Copyright type equal 'N' then element is blank else element is non-blank	choice	0:1	0600	copyright-owner-identification
| | | | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | | | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier
| | | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | | |__Copyright-Date-Time-Group	If Copyright type equal 'N' then copyright-date-time group is blank else copyright-date-time group is non-blank	group	0:1	0600	copyright-date-time
| | | | | | | | | | |__Date		field	1	0082	document-copyright-date
| | | | | | | | | | |__Time		field	0:1	0160	document-copyright-time
| | | | | | | | |__Distribution-Information-Group		group	1	0600	distribution-information
| | | | | | | | | |__Distribution-Statement-Code-Group		group	1	0600	distribution-statement-code
| | | | | | | | | | |__Distribution-Statement-Code		field	1	0014	document-distribution-statement-code
| | | | | | | | | | |__Distribution-Statement-Reason-Code		field	1:N	0015	document-distribution-statement-reason-code
| | | | | | | | | | |__Distribution-Statement-Information-Group	If Distribution statement code equal "A" and the Distribution statement reason code equal "00" then the Distribution statement information group is blank else the Distribution statement information group is non-blank	group	0:1	0600	distribution-statement-information
| | | | | | | | | | | |__Distribution-Statement-Determination-Date-Time-Group		group	1	0600	distribution-statement-date-time
| | | | | | | | | | | | |__Date		field	1	0082	document-distribution-restriction-determination-date
| | | | | | | | | | | | |__Time		field	0:1	0160	document-distribution-restriction-determination-time
| | | | | | | | | | | | |__Distribution-Controlling-Office-Group		group	1	0600	distribution-controlling-office
| | | | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | |__Distribution-Controlling-Office-Name		field	0:1	0044	document-distribution-controller-enterprise-office-name
| | | | | | | | |__Export-Control-Restriction-Code		field	1	0079	document-export-control-code
	If distribution-statement-code equals 'A' then element must be 'N'; If distribution-statement-code equals 'X' then element must be 'Y'.				
| | | | | | | | |__Data-Rights-Information-Group		group	1	0600	data-rights-information
| | | | | | | | |__Government-Rights-In-Technical-Data-Code		field	1	0022	technical-document-government-data-rights-code
| | | | | | | | |__Company-Proprietary-Rights-Code		field	1	0084	document-company-proprietary-data-rights-code
	If the Government Rights in Technical Data code equal 'U' then the element is either 'N' or 'S' else the element is 'P'.				
| | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
	If the Government rights in Technical Data code equal "U" and the Company Proprietary rights code equal "N" then the Company name is blank else the Company name is non-blank				
| | | | | | | | |__Contract-Authorizing-Government-Rights-Group		group	0:1	0600	contract-identifier-information-authorizing-government-rights
	If the Government rights in Technical Data code equal 'U' or 'N' then the element is blank else the element is non-blank.				
| | | | | | | | | |__Data-Rights-Contract-Number		field	1	0266	document-source-assigned-alphanumeric-identifier
| | | | | | | | | |__Data-Rights-Contract-Date-Time-Group		group	1	0600	contact-data-rights-date-time
| | | | | | | | | | |__Date		field	1	0082	contract-date
| | | | | | | | | | |__Time		field	0:1	0160	contract-time
| | | | | | |__File-Information-Group		choice	1	0600	File-information
| | | | | | | |__Imbedded-File-Information-Group		group	0:1	0600	imbedded-file-information
	Imbedded file information group contains the hexa-decimal representation of the file.				
| | | | | | | | |__File-Size-In-Bytes		field	1	0601	file-size-in-bytes
| | | | | | | | |__File		field	1	0601	file
| | | | | | | | |__Computer-Operating-System-Type-Code		field	0:1	0213	computer-operating-system-asset-type-code
| | | | | | | |__CITIS-Access-Information-Group		group	0:1	0600	contractor-integrated-technical-information-service-information
| | | | |__Non-Digital-Representation-Group		group	0:1	0600	non-digital-representation-information
	If Document representation medium identification not equal "D" then Non digital Document representation information group is non-blank else Non digital Document representation information group is blank				
| | |__Multi-Sheet-Group		group	0:1	0600	multi-sheet
| | | |__Total-Sheets		field	1	0110	document-sheet-total-quantity

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | |__Sheets-Group		group	2:N	0600	sheets
| | | | |__Sheet-Number		field	1	0026	document-sheet-identifier
| | | | |__Drawing-Size		field	0:1	0112	document-sheet-size-code
| | | | |__Sheet-Revision-Group		choice	1	0600	sheet-revision
| | | | | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | | | | | |__Date		field	1	0082	document-revision-generic-date
| | | | | | |__Time		field	0:1	0160	document-revision-generic-time
| | | | | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier
| | | | |__Document-Representation-Group		group	1:N	0600	document-representation
| | | | | |__Document-Representation-Originator-Group		choice	1	0600	document-representation-originator
| | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | |__Document-Representation-Custodian-Group		choice	1	0600	document-representation-custodian
| | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | |__Document-Representation-Custodian-Office-Name		field	1	0044	document-custodial-enterprise-office-name
| | | | | |__Document-Representation-Version-Group		group	1	0600	document-representation-version

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | |__Version-Identification-Group		field	1	0600	version-identification
| | | | | | | |__Version-Date-Time-Group		group	1	0600	version-date-time
| | | | | | | | |__Date		field	1	0082	document-representation-creation-date
| | | | | | | | |__Time		field	0:1	0160	document-representation-creation-time
| | | | | | | |__Alphanumeric-Version-Identifier		field	1	0208	document-representation-version-identifier
| | | | | | |__Version-Status-Group		group	1	0600	version-status
| | | | | | | |__Version-Status-Code		field	1	0021	document-representation-release-process-disposition-status-code
| | | | | | | |__Version-Status-Date-Time-Group		group	1	0600	version-status-date-time
| | | | | | | | |__Date		field	1	0082	document-representation-release-process-disposition-status-date
| | | | | | | | |__Time		field	0:1	0160	document-representation-release-process-disposition-status-time
| | | | | |__Document-Representation-Medium-Code		field	1	0326	document-representation-medium-identification-code
| | | | | |__Document-Representation-Medium-Group		choice	1	0600	representation-medium
| | | | | | |__Digital-Representation-Group		group	0:1	0600	digital-document-representation-information
	If Document representation medium code = 'D' then Digital representation group is non-blank else Digital representation group is blank				
| | | | | | | |__Digital-Representation-Target-Environment-Type-Code		field	1	0210	document-file-type-code
| | | | | | | |__Target-Environment-Group		choice	0:1	0600	target-environment
| | | | | | | | |__Standards-Based-Group		group	0:1	0600	standards-based
	If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'STAND' then element is non-blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'PLANG' then element is blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) is not equal to 'STAND' or 'PLANG', then element may be non-blank.				
| | | | | | | | | |__Standards-Based-Identifier-Source-Group		choice	1	0600	standards-based-identifier-source
| | | | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | | | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier
| | | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | |__Standards-Based-Document-Identifier		field	1	0266	document-source-assigned-alphanumeric-identifier
| | | | | | | | |__Standards-Based-Document-Revision-Group		choice	1	0600	standards-based-document-revision
| | | | | | | | | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | | | | | | | | | |__Date		field	1	0082	document-revision-generic-date
| | | | | | | | | | |__Time		field	0:1	0160	document-revision-generic-time
| | | | | | | | | | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier
| | | | | | | |__Proprietary-Software-Based-Group		group	0:1	0600	proprietary-software-based
	If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'PLANG' then element is non-blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'STAND' then element is blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) is not equal to 'STAND' or 'PLANG', then element may be non-blank.				
| | | | | | | | |__Proprietary-Software-Based-Identifier-Source-Group		choice	1	0600	proprietary-software-based-identifier-source
| | | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | |__Proprietary-Software-Based-Identifier		field	1	0024	product-identifier
| | | | | | |__File-Identification-Group		group	1:N	0600	file-identification
| | | | | | | |__File-Identifier		field	1	0206	electronic-document-file-identifier
| | | | | | | |__File-Identifier-Source-Group		choice	0:1	0600	file-identifier-source
| | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | |__File-Origination-Date-Time-Group		group	1	0600	File-origination-date-time
| | | | | | | | |__Date		field	1	0082	electronic-document-file-creation-date
| | | | | | | | |__Time		field	1	0160	electronic-document-file-creation-time
| | | | | | | | |__File-Description		field	0:1	0212	document-file-description-text
| | | | | | | | |__File-Compression-Method-Code		field	0:1	0214	document-file-compression-method-code
| | | | | | | | |__File-Type-Group		group	1	0600	file-type
| | | | | | | | | |__File-Type-Code		field	1	0210	document-file-type-code
| | | | | | | | | |__File-Type-Information-Group		choice	0:1	0600	file-type-information
| | | | | | | | | | |__Standards-Based-Group		group	0:1	0600	standards-based
	If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'STAND' then element is non-blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'PLANG' then element is blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) is not equal to 'STAND' or 'PLANG', then element may be non-blank.				
| | | | | | | | | | | |__Standards-Based-Identifier-Source-Group		choice	1	0600	standards-based-identifier-source
| | | | | | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | | | | | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier
| | | | | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | | | |__Standards-Based-Document-Identifier		field	1	0266	document-source-assigned-alphanumeric-identifier
| | | | | | | | | | | |__Standards-Based-Document-Revision-Group		choice	1	0600	standards-based-document-revision
| | | | | | | | | | | | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | | | | | | | | | | | | |__Date		field	1	0082	document-revision-generic-date
| | | | | | | | | | | | | |__Time		field	0:1	0160	document-revision-generic-time
| | | | | | | | | | | | | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier
| | | | | | | | | | |__Proprietary-Software-Based-Group		group	0:1	0600	proprietary-software-based
	If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'PLANG' then element is non-blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'STAND' then element is blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) is not equal to 'STAND' or 'PLANG', then element may be non-blank.				
| | | | | | | | | | | | |__Proprietary-Software-Based-Identifier-Source-Group		choice	1	0600	proprietary-software-based-identifier-source
| | | | | | | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | | | | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | | | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | | | | | |__Proprietary-Software-Based-Identifier		field	1	0024	product-identifier
| | | | | | | | |__Security-Protection-Group		group	1	0600	security-protection
| | | | | | | | | |__Government-Security-Classification-Group		group	1	0600	government-security-classification
| | | | | | | | | | |__Government-Security-Classification-Code		field	1	0010	document-security-classification-code
| | | | | | | | | | |__Classification-Information-Group		group	0:1	0600	classification-information
	If Government security class equals 'U' or 'FOUO' then the Classification information group is blank else the Classification information group is non- blank				
| | | | | | | | | | | |__Classification-Authority-Text		field	1	0155	document-security-classification-authority-text
| | | | | | | | | | | |__Classified-Date-Time-Group		group	1	0600	classified-date-time
| | | | | | | | | | | | |__Date		field	1	0082	document-security-classification-date

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | | | | |__Time		field	0:1	0160	document-security-classification-time
| | | | | | | | | | | | |__Access-Restriction-Code		field	0:N	0085	document-security-access-restriction-code
| | | | | | | | | | | | |__Downgrade-Information-Group		group	0:1	0600	downgrade-information
	If Government security class not equal 'U', 'FOUO', 'C', 'NC' or 'NR' then the Downgrade information group is non-blank else the Downgrade information group is blank				
| | | | | | | | | | | | |__Downgrade-Classification-Code		field	1	0010	document-security-classification-code
| | | | | | | | | | | | |__Downgrade-Event-Date-Time-Group		choice	1	0600	downgrade-event-date-time
| | | | | | | | | | | | | |__Downgrade-Date-Time-Group		group	0:1	0600	downgrade-date-time
| | | | | | | | | | | | | | |__Date		field	1	0082	document-security-classification-downgrade-date
| | | | | | | | | | | | | | |__Time		field	0:1	0160	document-security-classification-downgrade-time
| | | | | | | | | | | | | | |__Downgrade-Event		field	0:1	0156	document-security-classification-downgrade-process-event-name
| | | | | | | | | | | | |__Declassify-Date-Time-Group		group	1	0600	declassify-date-time
| | | | | | | | | | | | |__Date		field	1	0082	document-security-declassification-date
| | | | | | | | | | | | |__Time		field	0:1	0160	document-security-declassification-time
| | | | | | | | | |__Copyright-Information-Group		group	1	0600	copyright-information-group
| | | | | | | | | |__Copyright-Type		field	1	0012	document-copyright-code
| | | | | | | | | |__Copyright-Owner-Identification-Group		choice	0:1	0600	copyright-owner-identification
	If Copyright type equal 'N' then element is blank else element is non-blank				
| | | | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier
| | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | | |__Copyright-Date-Time-Group		group	0:1	0600	copyright-date-time
	If Copyright type equal 'N' then copyright-date-time group is blank else copyright-date-time group is non-blank				

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | | | |__Date		field	1	0082	document-copyright-date
| | | | | | | | | | | |__Time		field	0:1	0160	document-copyright-time
| | | | | | | | | |__Distribution-Information-Group		group	1	0600	distribution-information
| | | | | | | | | |__Distribution-Statement-Code-Group		group	1	0600	distribution-statement-code
| | | | | | | | | |__Distribution-Statement-Code		field	1	0014	document-distribution-statement-code
| | | | | | | | | |__Distribution-Statement-Reason-Code		field	1:N	0015	document-distribution-statement-reason-code
| | | | | | | | | |__Distribution-Statement-Information-Group		group	0:1	0600	distribution-statement-information
	If Distribution statement code equal "A" and the Distribution statement reason code equal "00" then the Distribution statement information group is blank else the Distribution statement information group is non-blank				
| | | | | | | | | | |__Distribution-Statement-Determination-Date-Time-Group		group	1	0600	distribution-statement-date-time
| | | | | | | | | | | |__Date		field	1	0082	document-distribution-restriction-determination-date
| | | | | | | | | | | |__Time		field	0:1	0160	document-distribution-restriction-determination-time
| | | | | | | | | | |__Distribution-Controlling-Office-Group		group	1	0600	distribution-controlling-office
| | | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | |__Distribution-Controlling-Office-Name		field	0:1	0044	document-distribution-controller-enterprise-office-name
| | | | | | | | |__Export-Control-Restriction-Code		field	1	0079	document-export-control-code
	If distribution-statement-code equals 'A' then element must be 'N'; If distribution-statement-code equals 'X' then element must be 'Y'.				
| | | | | | | | |__Data-Rights-Information-Group		group	1	0600	data-rights-information
| | | | | | | | |__Government-Rights-In-Technical-Data-Code		field	1	0022	technical-document-government-data-rights-code
| | | | | | | | |__Company-Proprietary-Rights-Code		field	1	0084	document-company-proprietary-data-rights-code
	If the Government Rights in Technical Data code equal 'U' then the element is either 'N' or 'S' else the element is 'P'.				
| | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
	If the Government rights in Technical Data code equal "U" and the Company Proprietary rights code equal "N" then the Company name is blank else the Company name is non-blank				
| | | | | | | | |__Contract-Authorizing-Government-Rights-Group		group	0:1	0600	contract-identifier-information-authorizing-government-rights
	If the Government rights in Technical Data code equal 'U' or 'N' then the element is blank else the element is non-blank.				

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | | | |__Data-Rights-Contract-Number		field	1	0266	document-source-assigned-alphanumeric-identifier
| | | | | | | | | | | |__Data-Rights-Contract-Date-Time-Group		group	1	0600	contact-data-rights-date-time
| | | | | | | | | | | | |__Date		field	1	0082	contract-date
| | | | | | | | | | | | |__Time		field	0:1	0160	contract-time
| | | | | | | | |__File-Information-Group		choice	1	0600	File-information
| | | | | | | | | |__Imbedded-File-Information-Group	Imbedded file information group contains the hexa-decimal representation of the file.	group	0:1	0600	imbedded-file-information
| | | | | | | | | | |__File-Size-In-Bytes		field	1	0601	file-size-in-bytes
| | | | | | | | | | |__File		field	1	0601	file
| | | | | | | | | | |__Computer-Operating-System-Type-Code		field	0:1	0213	computer-operating-system-asset-type-code
| | | | | | | | | |__CITIS-Access-Information-Group		group	0:1	0600	contractor-integrated-technical-information-service-information
| | | | | | |__Non-Digital-Representation-Group	If Document representation medium identification not equal "D" then Non digital Document representation information group is non-blank else Non digital Document representation information group is blank	group	0:1	0600	non-digital-representation-information

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
Data Information Packet Name: Part-Model					
|__Base-Document-Identification-Group		group	1	0600	base-document-identification
| |__Document-Identifier-Source-Group		choice	1	0600	document-identifier-source
| | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | |__Company-Name		field	0:1	0170	enterprise-name
| | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| |__Document-Identifier		field	1	0266	document-source-assigned-alphanumeric-identifier
|__Document-Revision-Group		group	1	0600	document-revision
| |__Revision-Identification-Group		choice	1	0600	revision-identification
| | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | | |__Date		field	1	0082	document-revision-generic-date
| | | |__Time		field	0:1	0160	document-revision-generic-time
| | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier
| |__Revision-Status-Group		group	1	0600	document-revision-status
| | |__Revision-Status-Code		field	1	0021	document-revision-approval-process-disposition-status-code
| | |__Revision-Status-Date-Time-Group		group	1	0600	document-revision-status-date-time
| | | |__Date		field	1	0082	document-revision-approval-process-disposition-status-date
| | | |__Time		field	0:1	0160	document-revision-approval-process-disposition-status-time
|__Part-Model-Subsidiary-Type-Code		field	1	0122	part-model-subsidiary-type-code
|__Document-Title		field	1	0008	document-name
|__Document-Preparation-Date-Time-Group		group	0:1	0600	document-preparation-date-time

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| |__Date		field	1	0082	document-preparation-date
| |__Time		field	0:1	0160	document-preparation-time
|__Special-Condition-Code		field	0:N	0257	engineering-document-special-condition-code
|__Hazardous-Material-Code		field	0:1	0078	supply-item-hazardous-material-code
|__Separate-Parts-List-Code		field	0:1	0025	separate-parts-list-document-code
|__CDCA-Group		group	1	0600	current-document-change-authority
| |__CDCA-Identification-Group		group	1	0600	current-document-change-authority-identification
| | |__CDCA-Identifier-Group		choice	1	0600	current-document-change-authority-identifier
| | | |__Company-Name		field	0:1	0170	enterprise-name
| | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | |__CDCA-Office-Name		field	0:1	0044	current-document-design-control-enterprise-office-name
| |__CDCA-Effective-Date-Time-Group		group	0:1	0600	current-document-change-authority-effective-date-time
| | |__Date		field	1	0082	document-change-control-authority-effective-date
| | |__Time		field	0:1	0160	document-change-control-authority-effective-time
|__Part-Defined-Group		group	0:N	0600	part-defined
| |__Part-Identifier-Source-Group		choice	1	0600	product-identifier-source
| | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier
| | | |__Company-Name		field	0:1	0170	enterprise-name
| | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| |__Part-Identifier-Group		group	1	0600	part-identifier
| | |__Part-Number		field	1	0024	product-identifier
| | |__Part-Parameters-Group		group	0:N	0600	part-parameters
| | | |__Part-Classification-Code		field	1	0036	part-classification-type-code
| | | |__Part-Classification-Value		field	1	0037	part-classification-type-value
|__Related-Document-Group		group	0:N	0600	related-document
| |__Related-Document-Relationship-Type	Must be either 'RD' or 'IA'	field	1	0048	relationship-type
| |__Related-Document-Identifier-Source-Group		choice	1	0600	related-document-identifier-source
| | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | |__Company-Name		field	0:1	0170	enterprise-name
| | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| |__Related-Document-Identifier		field	1	0266	document-source-assigned-alphanumeric-identifier
| |__Related-Document-Revision-Identification-Group		choice	0:1	0600	related-document-revision-identification
| | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | | |__Date		field	1	0082	document-revision-generic-date
| | | |__Time		field	0:1	0160	document-revision-generic-time
| | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier
|__ECP-Authorizing-This-Revision-Group		group	0:N	0600	engineering-change-proposal-authorizing-this-revision
| |__ECP-Identifier-Source-Group		choice	1	0600	engineering-change-proposal-identifier-source
| | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | |__Company-Name		field	0:1	0170	enterprise-name
| | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| |__ECP-Identifier		field	1	0266	document-source-assigned-alphanumeric-identifier
| |__ECP-Revision-Identification-Group		choice	0:1	0600	engineering-change-proposal-revision-identification
| | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | | |__Date		field	1	0082	document-revision-generic-date
| | | |__Time		field	0:1	0160	document-revision-generic-time
| | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier
|__Security-Protection-Group		group	1	0600	security-protection
| |__Government-Security-Classification-Group		group	1	0600	government-security-classification
| | |__Government-Security-Classification-Code		field	1	0010	document-security-classification-code
| | |__Classification-Information-Group		group	0:1	0600	classification-information
	If Government security class equals 'U' or 'FOUO' then the Classification information group is blank else the Classification information group is non- blank				
| | | |__Classification-Authority-Text		field	1	0155	document-security-classification-authority-text
| | | |__Classified-Date-Time-Group		group	1	0600	classified-date-time
| | | | |__Date		field	1	0082	document-security-classification-date
| | | | |__Time		field	0:1	0160	document-security-classification-time
| | | |__Access-Restriction-Code		field	0:N	0085	document-security-access-restriction-code
| | | |__Downgrade-Information-Group		group	0:1	0600	downgrade-information
	If Government security class not equal 'U', 'FOUO', 'C', 'NC' or 'NR' then the Downgrade information group is non-blank else the Downgrade information group is blank				
| | | | |__Downgrade-Classification-Code		field	1	0010	document-security-classification-code
| | | | |__Downgrade-Event-Date-Time-Group		choice	1	0600	downgrade-event-date-time

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | |__Downgrade-Date-Time-Group		group	0:1	0600	downgrade-date-time
| | | | | | |__Date		field	1	0082	document-security-classification-downgrade-date
| | | | | | |__Time		field	0:1	0160	document-security-classification-downgrade-time
| | | | | |__Downgrade-Event		field	0:1	0156	document-security-classification-downgrade-process-event-name
| | | |__Declassify-Date-Time-Group		group	1	0600	declassify-date-time
| | | | |__Date		field	1	0082	document-security-declassification-date
| | | | |__Time		field	0:1	0160	document-security-declassification-time
| |__Copyright-Information-Group		group	1	0600	copyright-information-group
| | |__Copyright-Type		field	1	0012	document-copyright-code
| | |__Copyright-Owner-Identification-Group	If Copyright type equal 'N' then element is blank else element is non-blank	choice	0:1	0600	copyright-owner-identification
| | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier
| | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | |__Copyright-Date-Time-Group	If Copyright type equal 'N' then copyright-date-time group is blank else copyright-date-time group is non-blank	group	0:1	0600	copyright-date-time
| | | |__Date		field	1	0082	document-copyright-date
| | | |__Time		field	0:1	0160	document-copyright-time
| |__Distribution-Information-Group		group	1	0600	distribution-information
| | |__Distribution-Statement-Code-Group		group	1	0600	distribution-statement-code
| | | |__Distribution-Statement-Code		field	1	0014	document-distribution-statement-code
| | | |__Distribution-Statement-Reason-Code		field	1:N	0015	document-distribution-statement-reason-code

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | |__Distribution-Statement-Information-Group		group	0:1	0600	distribution-statement-information
	If Distribution statement code equal "A" and the Distribution statement reason code equal "00" then the Distribution statement information group is blank else the Distribution statement information group is non-blank				
| | | |__Distribution-Statement-Determination-Date-Time-Group		group	1	0600	distribution-statement-date-time
| | | | |__Date		field	1	0082	document-distribution-restriction-determination-date
| | | | |__Time		field	0:1	0160	document-distribution-restriction-determination-time
| | | |__Distribution-Controlling-Office-Group		group	1	0600	distribution-controlling-office
| | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | |__Distribution-Controlling-Office-Name		field	0:1	0044	document-distribution-controller-enterprise-office-name
| |__Export-Control-Restriction-Code		field	1	0079	document-export-control-code
	If distribution-statement-code equals 'A' then element must be 'N'; If distribution-statement-code equals 'X' then element must be 'Y'.				
| |__Data-Rights-Information-Group		group	1	0600	data-rights-information
| | |__Government-Rights-In-Technical-Data-Code		field	1	0022	technical-document-government-data-rights-code
| | |__Company-Proprietary-Rights-Code		field	1	0084	document-company-proprietary-data-rights-code
	If the Government Rights in Technical Data code equal 'U' then the element is either 'N' or 'S' else the element is 'P'.				
| | |__Company-Name		field	0:1	0170	enterprise-name
	If the Government rights in Technical Data code equal "U" and the Company Proprietary rights code equal "N" then the Company name is blank else the Company name is non-blank				
| | |__Contract-Authorizing-Government-Rights-Group		group	0:1	0600	contract-identifier-information-authorizing-government-rights
	If the Government rights in Technical Data code equal 'U' or 'N' then the element is blank else the element is non-blank.				
| | | |__Data-Rights-Contract-Number		field	1	0266	document-source-assigned-alphanumeric-identifier
| | | |__Data-Rights-Contract-Date-Time-Group		group	1	0600	contact-data-rights-date-time
| | | | |__Date		field	1	0082	contract-date
| | | | |__Time		field	0:1	0160	contract-time
|__Document-Representation-Group		group	1:N	0600	document-representation
| |__Document-Representation-Originator-Group		choice	1	0600	document-representation-originator

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | |__Company-Name		field	0:1	0170	enterprise-name
| | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| |__Document-Representation-Custodian-Group		choice	1	0600	document-representation-custodian
| | |__Company-Name		field	0:1	0170	enterprise-name
| | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | |__Document-Representation-Custodian-Office-Name		field	1	0044	document-custodial-enterprise-office-name
| |__Document-Representation-Version-Group		group	1	0600	document-representation-version
| | |__Version-Identification-Group		field	1	0600	version-identification
| | | |__Version-Date-Time-Group		group	1	0600	version-date-time
| | | | |__Date		field	1	0082	document-representation-creation-date
| | | | |__Time		field	0:1	0160	document-representation-creation-time
| | | |__Alphanumeric-Version-Identifier		field	1	0208	document-representation-version-identifier
| | |__Version-Status-Group		group	1	0600	version-status
| | | |__Version-Status-Code		field	1	0021	document-representation-release-process-disposition-status-code
| | | |__Version-Status-Date-Time-Group		group	1	0600	version-status-date-time
| | | | |__Date		field	1	0082	document-representation-release-process-disposition-status-date
| | | | |__Time		field	0:1	0160	document-representation-release-process-disposition-status-time

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| |__Document-Representation-Medium-Code		field	1	0326	document-representation-medium-identification-code
| |__Document-Representation-Medium-Group		choice	1	0600	representation-medium
| | |__Digital-Representation-Group		group	0:1	0600	digital-document-representation-information
	If Document representation medium code = 'D' then Digital representation group is non-blank else Digital representation group is blank				
| | | |__Digital-Representation-Target-Environment-Type-Code		field	1	0210	document-file-type-code
| | | |__Target-Environment-Group		choice	0:1	0600	target-environment
| | | | |__Standards-Based-Group		group	0:1	0600	standards-based
	If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'STAND' then element is non-blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'PLANG' then element is blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) is not equal to 'STAND' or 'PLANG', then element may be non-blank.				
| | | | | |__Standards-Based-Identifier-Source-Group		choice	1	0600	standards-based-identifier-source
| | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier
| | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | |__Standards-Based-Document-Identifier		field	1	0266	document-source-assigned-alphanumeric-identifier
| | | | | |__Standards-Based-Document-Revision-Group		choice	1	0600	standards-based-document-revision
| | | | | | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | | | | | | |__Date		field	1	0082	document-revision-generic-date
| | | | | | | |__Time		field	0:1	0160	document-revision-generic-time
| | | | | | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | |__Proprietary-Software-Based-Group		group	0:1	0600	proprietary-software-based
	If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'PLANG' then element is non-blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'STAND' then element is blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) is not equal to 'STAND' or 'PLANG', then element may be non-blank.				
| | | | | |__Proprietary-Software-Based-Identifier-Source-Group		choice	1	0600	proprietary-software-based-identifier-source
| | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | |__Proprietary-Software-Based-Identifier		field	1	0024	product-identifier
| | | |__File-Identification-Group		group	1:N	0600	file-identification
| | | | |__File-Identifier		field	1	0206	electronic-document-file-identifier
| | | | |__File-Identifier-Source-Group		choice	0:1	0600	file-identifier-source
| | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | |__File-Origination-Date-Time-Group		group	1	0600	File-origination-date-time

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | |__Date		field	1	0082	electronic-document-file-creation-date
| | | | | |__Time		field	1	0160	electronic-document-file-creation-time
| | | | |__File-Description		field	0:1	0212	document-file-description-text
| | | | |__File-Compression-Method-Code		field	0:1	0214	document-file-compression-method-code
| | | | |__File-Type-Group		group	1	0600	file-type
| | | | | |__File-Type-Code		field	1	0210	document-file-type-code
| | | | | |__File-Type-Information-Group		choice	0:1	0600	file-type-information
| | | | | | |__Standards-Based-Group		group	0:1	0600	standards-based
	If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'STAND' then element is non-blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'PLANG' then element is blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) is not equal to 'STAND' or 'PLANG', then element may be non-blank.				
| | | | | | | |__Standards-Based-Identifier-Source-Group		choice	1	0600	standards-based-identifier-source
| | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier
| | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | |__Standards-Based-Document-Identifier		field	1	0266	document-source-assigned-alphanumeric-identifier
| | | | | | | |__Standards-Based-Document-Revision-Group		choice	1	0600	standards-based-document-revision
| | | | | | | | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | | | | | | | | |__Date		field	1	0082	document-revision-generic-date
| | | | | | | | | |__Time		field	0:1	0160	document-revision-generic-time
| | | | | | | | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | |__Proprietary-Software-Based-Group		group	0:1	0600	proprietary-software-based
	If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'PLANG' then element is non-blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'STAND' then element is blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) is not equal to 'STAND' or 'PLANG', then element may be non-blank.				
| | | | | | | |__Proprietary-Software-Based-Identifier-Source-Group		choice	1	0600	proprietary-software-based-identifier-source
| | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | |__Proprietary-Software-Based-Identifier		field	1	0024	product-identifier
| | | | |__Security-Protection-Group		group	1	0600	security-protection
| | | | | |__Government-Security-Classification-Group		group	1	0600	government-security-classification
| | | | | | |__Government-Security-Classification-Code		field	1	0010	document-security-classification-code
| | | | | | |__Classification-Information-Group		group	0:1	0600	classification-information
	If Government security class equals 'U' or 'FOUO' then the Classification information group is blank else the Classification information group is non- blank				
| | | | | | | |__Classification-Authority-Text		field	1	0155	document-security-classification-authority-text
| | | | | | | |__Classified-Date-Time-Group		group	1	0600	classified-date-time
| | | | | | | | |__Date		field	1	0082	document-security-classification-date
| | | | | | | | |__Time		field	0:1	0160	document-security-classification-time
| | | | | | | |__Access-Restriction-Code		field	0:N	0085	document-security-access-restriction-code
| | | | | | | |__Downgrade-Information-Group		group	0:1	0600	downgrade-information
	If Government security class not equal 'U', 'FOUO', 'C', 'NC' or 'NR' then the Downgrade information group is non-blank else the Downgrade information group is blank				
| | | | | | | | |__Downgrade-Classification-Code		field	1	0010	document-security-classification-code
| | | | | | | | |__Downgrade-Event-Date-Time-Group		choice	1	0600	downgrade-event-date-time

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | |__Downgrade-Date-Time-Group		group	0:1	0600	downgrade-date-time
| | | | | | | | | | |__Date		field	1	0082	document-security-classification-downgrade-date
| | | | | | | | | | |__Time		field	0:1	0160	document-security-classification-downgrade-time
| | | | | | | | | |__Downgrade-Event		field	0:1	0156	document-security-classification-downgrade-process-event-name
| | | | | | | |__Declassify-Date-Time-Group		group	1	0600	declassify-date-time
| | | | | | | | |__Date		field	1	0082	document-security-declassification-date
| | | | | | | | |__Time		field	0:1	0160	document-security-declassification-time
| | | | | |__Copyright-Information-Group		group	1	0600	copyright-information-group
| | | | | | |__Copyright-Type		field	1	0012	document-copyright-code
| | | | | | |__Copyright-Owner-Identification-Group	If Copyright type equal 'N' then element is blank else element is non-blank	choice	0:1	0600	copyright-owner-identification
| | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier
| | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | |__Copyright-Date-Time-Group	If Copyright type equal 'N' then copyright-date-time group is blank else copyright-date-time group is non-blank	group	0:1	0600	copyright-date-time
| | | | | | | |__Date		field	1	0082	document-copyright-date
| | | | | | | |__Time		field	0:1	0160	document-copyright-time
| | | | | |__Distribution-Information-Group		group	1	0600	distribution-information
| | | | | | |__Distribution-Statement-Code-Group		group	1	0600	distribution-statement-code
| | | | | | | |__Distribution-Statement-Code		field	1	0014	document-distribution-statement-code
| | | | | | | |__Distribution-Statement-Reason-Code		field	1:N	0015	document-distribution-statement-reason-code

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | |__Distribution-Statement-Information-Group		group	0:1	0600	distribution-statement-information
	If Distribution statement code equal "A" and the Distribution statement reason code equal "00" then the Distribution statement information group is blank else the Distribution statement information group is non-blank				
| | | | | | | |__Distribution-Statement-Determination-Date-Time-Group		group	1	0600	distribution-statement-date-time
| | | | | | | | |__Date		field	1	0082	document-distribution-restriction-determination-date
| | | | | | | | |__Time		field	0:1	0160	document-distribution-restriction-determination-time
| | | | | | | |__Distribution-Controlling-Office-Group		group	1	0600	distribution-controlling-office
| | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | |__Distribution-Controlling-Office-Name		field	0:1	0044	document-distribution-controller-enterprise-office-name
| | | | | |__Export-Control-Restriction-Code		field	1	0079	document-export-control-code
	If distribution-statement-code equals 'A' then element must be 'N'; If distribution-statement-code equals 'X' then element must be 'Y'.				
| | | | | |__Data-Rights-Information-Group		group	1	0600	data-rights-information
| | | | | |__Government-Rights-In-Technical-Data-Code		field	1	0022	technical-document-government-data-rights-code
| | | | | |__Company-Proprietary-Rights-Code		field	1	0084	document-company-proprietary-data-rights-code
	If the Government Rights in Technical Data code equal 'U' then the element is either 'N' or 'S' else the element is 'P'.				
| | | | | |__Company-Name		field	0:1	0170	enterprise-name
	If the Government rights in Technical Data code equal "U" and the Company Proprietary rights code equal "N" then the Company name is blank else the Company name is non-blank				
| | | | | |__Contract-Authorizing-Government-Rights-Group		group	0:1	0600	contract-identifier-information-authorizing-government-rights
	If the Government rights in Technical Data code equal 'U' or 'N' then the element is blank else the element is non-blank.				
| | | | | | | |__Data-Rights-Contract-Number		field	1	0266	document-source-assigned-alphanumeric-identifier
| | | | | | | |__Data-Rights-Contract-Date-Time-Group		group	1	0600	contact-data-rights-date-time
| | | | | | | | |__Date		field	1	0082	contract-date
| | | | | | | | |__Time		field	0:1	0160	contract-time
| | | | |__File-Information-Group		choice	1	0600	File-information
| | | | | |__Imbedded-File-Information-Group		group	0:1	0600	imbedded-file-information
	Imbedded file information group contains the hexa-decimal representation of the file.				

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | |__File-Size-In-Bytes		field	1	0601	file-size-in-bytes
| | | | | | |__File		field	1	0601	file
| | | | | | |__Computer-Operating-System-Type-Code		field	0:1	0213	computer-operating-system-asset-type-code
| | | | | |__CITIS-Access-Information-Group		group	0:1	0600	contractor-integrated-technical-information-service-information
| | |__Non-Digital-Representation-Group		group	0:1	0600	non-digital-representation-information
	If Document representation medium identification not equal "D" then Non digital Document representation information group is non-blank else Non digital Document representation information group is blank				

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
Data Information Packet Name: Software-Documentation					
|__Base-Document-Identification-Group		group	1:N	0600	base-document-identification
| |__Document-Identifier-Source-Group		choice	1	0600	document-identifier-source
| | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | |__Company-Name		field	0:1	0170	enterprise-name
| | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| |__Document-Identifier		field	1	0266	document-source-assigned-alphanumeric-identifier
|__Document-Revision-Group		group	1	0600	document-revision
| |__Revision-Identification-Group		choice	1	0600	revision-identification
| | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | | |__Date		field	1	0082	document-revision-generic-date
| | | |__Time		field	0:1	0160	document-revision-generic-time
| | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier
| |__Revision-Status-Group		group	1	0600	document-revision-status
| | |__Revision-Status-Code		field	1	0021	document-revision-approval-process-disposition-status-code
| | |__Revision-Status-Date-Time-Group		group	1	0600	document-revision-status-date-time
| | | |__Date		field	1	0082	document-revision-approval-process-disposition-status-date
| | | |__Time		field	0:1	0160	document-revision-approval-process-disposition-status-time
|__Software-Support-Document-Type-Code		field	1	0107	software-support-document-subsidiary-type-code
|__Document-Title		field	1	0008	document-name
|__Document-Preparation-Date-Time-Group		group	0:1	0600	document-preparation-date-time

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| |__Date		field	1	0082	document-preparation-date
| |__Time		field	0:1	0160	document-preparation-time
|__Special-Condition-Code		field	0:N	0257	engineering-document-special-condition-code
|__CDCA-Group		group	1	0600	current-document-change-authority
| |__CDCA-Identification-Group		group	1	0600	current-document-change-authority-identification
| | |__CDCA-Identifier-Group		choice	1	0600	current-document-change-authority-identifier
| | | |__Company-Name		field	0:1	0170	enterprise-name
| | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | |__CDCA-Office-Name		field	0:1	0044	current-document-design-control-enterprise-office-name
| |__CDCA-Effective-Date-Time-Group		group	0:1	0600	current-document-change-authority-effective-date-time
| | |__Date		field	1	0082	document-change-control-authority-effective-date
| | |__Time		field	0:1	0160	document-change-control-authority-effective-time
|__Software-Defined-Group		group	0:N	0600	software-defined
| |__Software-Identifier-Source-Group		choice	1	0600	product-identifier-source
| | |__Human-Personal-Identifier-Group		group	1	0600	human-personal-identifier
| | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | |__Company-Name		field	0:1	0170	enterprise-name
| | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| |__Software-Identifier		field	1	0024	product-identifier

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
|__Related-Document-Group		group	0:N	0600	related-document
| |__Related-Document-Relationship-Type	Must be either 'RD' or 'IA'	field	1	0048	relationship-type
| |__Related-Document-Identifier-Source-Group		choice	1	0600	related-document-identifier-source
| | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | |__Company-Name		field	0:1	0170	enterprise-name
| | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| |__Related-Document-Identifier		field	1	0266	document-source-assigned-alphanumeric-identifier
| |__Related-Document-Revision-Identification-Group		choice	0:1	0600	related-document-revision-identification
| | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | | |__Date		field	1	0082	document-revision-generic-date
| | | |__Time		field	0:1	0160	document-revision-generic-time
| | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier
|__ECP-Authorizing-This-Revision-Group		group	0:N	0600	engineering-change-proposal-authorizing-this-revision
| |__ECP-Identifier-Source-Group		choice	1	0600	engineering-change-proposal-identifier-source
| | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | |__Company-Name		field	0:1	0170	enterprise-name
| | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| |__ECP-Identifier		field	1	0266	document-source-assigned-alphanumeric-identifier
| |__ECP-Revision-Identification-Group		choice	0:1	0600	engineering-change-proposal-revision-identification
| | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | | |__Date		field	1	0082	document-revision-generic-date
| | | |__Time		field	0:1	0160	document-revision-generic-time
| | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier
|__Security-Protection-Group		group	1	0600	security-protection
| |__Government-Security-Classification-Group		group	1	0600	government-security-classification
| | |__Government-Security-Classification-Code		field	1	0010	document-security-classification-code
| | |__Classification-Information-Group		group	0:1	0600	classification-information
	If Government security class equals 'U' or 'FOUO' then the Classification information group is blank else the Classification information group is non- blank				
| | | |__Classification-Authority-Text		field	1	0155	document-security-classification-authority-text
| | | |__Classified-Date-Time-Group		group	1	0600	classified-date-time
| | | | |__Date		field	1	0082	document-security-classification-date
| | | | |__Time		field	0:1	0160	document-security-classification-time
| | | |__Access-Restriction-Code		field	0:N	0085	document-security-access-restriction-code
| | | |__Downgrade-Information-Group		group	0:1	0600	downgrade-information
	If Government security class not equal 'U', 'FOUO', 'C', 'NC' or 'NR' then the Downgrade information group is non-blank else the Downgrade information group is blank				
| | | | |__Downgrade-Classification-Code		field	1	0010	document-security-classification-code
| | | | |__Downgrade-Event-Date-Time-Group		choice	1	0600	downgrade-event-date-time
| | | | | |__Downgrade-Date-Time-Group		group	0:1	0600	downgrade-date-time
| | | | | | |__Date		field	1	0082	document-security-classification-downgrade-date
| | | | | | |__Time		field	0:1	0160	document-security-classification-downgrade-time
| | | | | |__Downgrade-Event		field	0:1	0156	document-security-classification-downgrade-process-event-name
| | | |__Declassify-Date-Time-Group		group	1	0600	declassify-date-time
| | | | |__Date		field	1	0082	document-security-declassification-date

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | |__Time		field	0:1	0160	document-security-declassification-time
| |__Copyright-Information-Group		group	1	0600	copyright-information-group
| | |__Copyright-Type		field	1	0012	document-copyright-code
| | |__Copyright-Owner-Identification-Group		choice	0:1	0600	copyright-owner-identification
	If Copyright type equal 'N' then element is blank else element is non-blank				
| | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier
| | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | |__Copyright-Date-Time-Group		group	0:1	0600	copyright-date-time
	If Copyright type equal 'N' then copyright-date-time group is blank else copyright-date-time group is non-blank				
| | | |__Date		field	1	0082	document-copyright-date
| | | |__Time		field	0:1	0160	document-copyright-time
| |__Distribution-Information-Group		group	1	0600	distribution-information
| | |__Distribution-Statement-Code-Group		group	1	0600	distribution-statement-code
| | | |__Distribution-Statement-Code		field	1	0014	document-distribution-statement-code
| | | |__Distribution-Statement-Reason-Code		field	1:N	0015	document-distribution-statement-reason-code
| | |__Distribution-Statement-Information-Group		group	0:1	0600	distribution-statement-information
	If Distribution statement code equal "A" and the Distribution statement reason code equal "00" then the Distribution statement information group is blank else the Distribution statement information group is non-blank				
| | | |__Distribution-Statement-Determination-Date-Time-Group		group	1	0600	distribution-statement-date-time
| | | | |__Date		field	1	0082	document-distribution-restriction-determination-date
| | | | |__Time		field	0:1	0160	document-distribution-restriction-determination-time
| | | |__Distribution-Controlling-Office-Group		group	1	0600	distribution-controlling-office

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | |__Distribution-Controlling-Office-Name		field	0:1	0044	document-distribution-controller-enterprise-office-name
| |__Export-Control-Restriction-Code		field	1	0079	document-export-control-code
	If distribution-statement-code equals 'A' then element must be 'N'; If distribution-statement-code equals 'X' then element must be 'Y'.				
| |__Data-Rights-Information-Group		group	1	0600	data-rights-information
| | |__Government-Rights-In-Technical-Data-Code		field	1	0022	technical-document-government-data-rights-code
| | |__Company-Proprietary-Rights-Code		field	1	0084	document-company-proprietary-data-rights-code
	If the Government Rights in Technical Data code equal 'U' then the element is either 'N' or 'S' else the element is 'P'.				
| | |__Company-Name		field	0:1	0170	enterprise-name
	If the Government rights in Technical Data code equal "U" and the Company Proprietary rights code equal "N" then the Company name is blank else the Company name is non-blank				
| | |__Contract-Authorizing-Government-Rights-Group		group	0:1	0600	contract-identifier-information-authorizing-government-rights
	If the Government rights in Technical Data code equal 'U' or 'N' then the element is blank else the element is non-blank.				
| | | |__Data-Rights-Contract-Number		field	1	0266	document-source-assigned-alphanumeric-identifier
| | | |__Data-Rights-Contract-Date-Time-Group		group	1	0600	contact-data-rights-date-time
| | | | |__Date		field	1	0082	contract-date
| | | | |__Time		field	0:1	0160	contract-time
|__Sheet-Management-Group		choice	1	0600	sheet-management
| |__Non-Sheet-Managed-Document-Group		group	0:1	0600	non-sheet-managed-document
| | |__Document-Representation-Group		group	1:N	0600	document-representation
| | | |__Document-Representation-Originator-Group		choice	1	0600	document-representation-originator
| | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | |__Document-Representation-Custodian-Group		choice	1	0600	document-representation-custodian
| | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | |__Document-Representation-Custodian-Office-Name		field	1	0044	document-custodial-enterprise-office-name
| | | |__Document-Representation-Version-Group		group	1	0600	document-representation-version
| | | | |__Version-Identification-Group		field	1	0600	version-identification
| | | | | |__Version-Date-Time-Group		group	1	0600	version-date-time
| | | | | | |__Date		field	1	0082	document-representation-creation-date
| | | | | | |__Time		field	0:1	0160	document-representation-creation-time
| | | | | |__Alphanumeric-Version-Identifier		field	1	0208	document-representation-version-identifier
| | | | |__Version-Status-Group		group	1	0600	version-status
| | | | | |__Version-Status-Code		field	1	0021	document-representation-release-process-disposition-status-code
| | | | | |__Version-Status-Date-Time-Group		group	1	0600	version-status-date-time
| | | | | | |__Date		field	1	0082	document-representation-release-process-disposition-status-date
| | | | | | |__Time		field	0:1	0160	document-representation-release-process-disposition-status-time
| | | |__Document-Representation-Medium-Code		field	1	0326	document-representation-medium-identification-code
| | | |__Document-Representation-Medium-Group		choice	1	0600	representation-medium
| | | | |__Digital-Representation-Group		group	0:1	0600	digital-document-representation-information
	If Document representation medium code = 'D' then Digital representation group is non-blank else Digital representation group is blank				
| | | | | |__Digital-Representation-Target-Environment-Type-Code		field	1	0210	document-file-type-code

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | |__Target-Environment-Group		choice	0:1	0600	target-environment
| | | | | | |__Standards-Based-Group		group	0:1	0600	standards-based
	If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'STAND' then element is non-blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'PLANG' then element is blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) is not equal to 'STAND' or 'PLANG', then element may be non-blank.				
| | | | | | | |__Standards-Based-Identifier-Source-Group		choice	1	0600	standards-based-identifier-source
| | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier
| | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | |__Standards-Based-Document-Identifier		field	1	0266	document-source-assigned-alphanumeric-identifier
| | | | | | | |__Standards-Based-Document-Revision-Group		choice	1	0600	standards-based-document-revision
| | | | | | | | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | | | | | | | | |__Date		field	1	0082	document-revision-generic-date
| | | | | | | | | |__Time		field	0:1	0160	document-revision-generic-time
| | | | | | | | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier
| | | | | | |__Proprietary-Software-Based-Group		group	0:1	0600	proprietary-software-based
	If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'PLANG' then element is non-blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'STAND' then element is blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) is not equal to 'STAND' or 'PLANG', then element may be non-blank.				
| | | | | | | |__Proprietary-Software-Based-Identifier-Source-Group		choice	1	0600	proprietary-software-based-identifier-source
| | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | |__Proprietary-Software-Based-Identifier		field	1	0024	product-identifier
| | | | | |__File-Identification-Group		group	1:N	0600	file-identification
| | | | | | |__File-Identifier		field	1	0206	electronic-document-file-identifier
| | | | | | |__File-Identifier-Source-Group		choice	0:1	0600	file-identifier-source
| | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | |__File-Origination-Date-Time-Group		group	1	0600	File-origination-date-time
| | | | | | | |__Date		field	1	0082	electronic-document-file-creation-date
| | | | | | | |__Time		field	1	0160	electronic-document-file-creation-time
| | | | | | |__File-Description		field	0:1	0212	document-file-description-text
| | | | | | |__File-Compression-Method-Code		field	0:1	0214	document-file-compression-method-code
| | | | | | |__File-Type-Group		group	1	0600	file-type
| | | | | | | |__File-Type-Code		field	1	0210	document-file-type-code
| | | | | | | |__File-Type-Information-Group		choice	0:1	0600	file-type-information

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | |__Standards-Based-Group		group	0:1	0600	standards-based
	If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'STAND' then element is non-blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'PLANG' then element is blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) is not equal to 'STAND' or 'PLANG', then element may be non-blank.				
| | | | | | | | | |__Standards-Based-Identifier-Source-Group		choice	1	0600	standards-based-identifier-source
| | | | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | | | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier
| | | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | | |__Standards-Based-Document-Identifier		field	1	0266	document-source-assigned-alphanumeric-identifier
| | | | | | | | | |__Standards-Based-Document-Revision-Group		choice	1	0600	standards-based-document-revision
| | | | | | | | | | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | | | | | | | | | | |__Date		field	1	0082	document-revision-generic-date
| | | | | | | | | | | |__Time		field	0:1	0160	document-revision-generic-time
| | | | | | | | | | | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier
| | | | | | | | |__Proprietary-Software-Based-Group		group	0:1	0600	proprietary-software-based
	If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'PLANG' then element is non-blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'STAND' then element is blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) is not equal to 'STAND' or 'PLANG', then element may be non-blank.				
| | | | | | | | | |__Proprietary-Software-Based-Identifier-Source-Group		choice	1	0600	proprietary-software-based-identifier-source
| | | | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | | |__Proprietary-Software-Based-Identifier		field	1	0024	product-identifier
| | | | | |__Security-Protection-Group		group	1	0600	security-protection
| | | | | | |__Government-Security-Classification-Group		group	1	0600	government-security-classification
| | | | | | | |__Government-Security-Classification-Code		field	1	0010	document-security-classification-code
| | | | | | | |__Classification-Information-Group		group	0:1	0600	classification-information
	If Government security class equals 'U' or 'FOUO' then the Classification information group is blank else the Classification information group is non- blank				
| | | | | | | | |__Classification-Authority-Text		field	1	0155	document-security-classification-authority-text
| | | | | | | | |__Classified-Date-Time-Group		group	1	0600	classified-date-time
| | | | | | | | | |__Date		field	1	0082	document-security-classification-date
| | | | | | | | | |__Time		field	0:1	0160	document-security-classification-time
| | | | | | | | |__Access-Restriction-Code		field	0:N	0085	document-security-access-restriction-code
| | | | | | | | |__Downgrade-Information-Group		group	0:1	0600	downgrade-information
	If Government security class not equal 'U', 'FOUO', 'C', 'NC' or 'NR' then the Downgrade information group is non-blank else the Downgrade information group is blank				
| | | | | | | | | |__Downgrade-Classification-Code		field	1	0010	document-security-classification-code
| | | | | | | | | |__Downgrade-Event-Date-Time-Group		choice	1	0600	downgrade-event-date-time
| | | | | | | | | | |__Downgrade-Date-Time-Group		group	0:1	0600	downgrade-date-time
| | | | | | | | | | | |__Date		field	1	0082	document-security-classification-downgrade-date
| | | | | | | | | | | |__Time		field	0:1	0160	document-security-classification-downgrade-time
| | | | | | | | | | | |__Downgrade-Event		field	0:1	0156	document-security-classification-downgrade-process-event-name
| | | | | | | | |__Declassify-Date-Time-Group		group	1	0600	declassify-date-time
| | | | | | | | | |__Date		field	1	0082	document-security-declassification-date
| | | | | | | | | |__Time		field	0:1	0160	document-security-declassification-time
| | | | | | |__Copyright-Information-Group		group	1	0600	copyright-information-group

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | |__Copyright-Type		field	1	0012	document-copyright-code
| | | | | | | | |__Copyright-Owner-Identification-Group	If Copyright type equal 'N' then element is blank else element is non-blank	choice	0:1	0600	copyright-owner-identification
| | | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier
| | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | |__Copyright-Date-Time-Group	If Copyright type equal 'N' then copyright-date-time group is blank else copyright-date-time group is non-blank	group	0:1	0600	copyright-date-time
| | | | | | | | | |__Date		field	1	0082	document-copyright-date
| | | | | | | | | |__Time		field	0:1	0160	document-copyright-time
| | | | | | | |__Distribution-Information-Group		group	1	0600	distribution-information
| | | | | | | | |__Distribution-Statement-Code-Group		group	1	0600	distribution-statement-code
| | | | | | | | | |__Distribution-Statement-Code		field	1	0014	document-distribution-statement-code
| | | | | | | | | |__Distribution-Statement-Reason-Code		field	1:N	0015	document-distribution-statement-reason-code
| | | | | | | | |__Distribution-Statement-Information-Group	If Distribution statement code equal "A" and the Distribution statement reason code equal "00" then the Distribution statement information group is blank else the Distribution statement information group is non-blank	group	0:1	0600	distribution-statement-information
| | | | | | | | | |__Distribution-Statement-Determination-Date-Time-Group		group	1	0600	distribution-statement-date-time
| | | | | | | | | | |__Date		field	1	0082	document-distribution-restriction-determination-date
| | | | | | | | | | |__Time		field	0:1	0160	document-distribution-restriction-determination-time
| | | | | | | | | |__Distribution-Controlling-Office-Group		group	1	0600	distribution-controlling-office
| | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | |__Distribution-Controlling-Office-Name		field	0:1	0044	document-distribution-controller-enterprise-office-name
| | | | | | | |__Export-Control-Restriction-Code		field	1	0079	document-export-control-code
	If distribution-statement-code equals 'A' then element must be 'N'; If distribution-statement-code equals 'X' then element must be 'Y'.				
| | | | | | | |__Data-Rights-Information-Group		group	1	0600	data-rights-information
| | | | | | | |__Government-Rights-In-Technical-Data-Code		field	1	0022	technical-document-government-data-rights-code
| | | | | | | |__Company-Proprietary-Rights-Code		field	1	0084	document-company-proprietary-data-rights-code
	If the Government Rights in Technical Data code equal 'U' then the element is either 'N' or 'S' else the element is 'P'.				
| | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
	If the Government rights in Technical Data code equal "U" and the Company Proprietary rights code equal "N" then the Company name is blank else the Company name is non-blank				
| | | | | | | |__Contract-Authorizing-Government-Rights-Group		group	0:1	0600	contract-identifier-information-authorizing-government-rights
	If the Government rights in Technical Data code equal 'U' or 'N' then the element is blank else the element is non-blank.				
| | | | | | | | |__Data-Rights-Contract-Number		field	1	0266	document-source-assigned-alphanumeric-identifier
| | | | | | | | |__Data-Rights-Contract-Date-Time-Group		group	1	0600	contact-data-rights-date-time
| | | | | | | | | |__Date		field	1	0082	contract-date
| | | | | | | | | |__Time		field	0:1	0160	contract-time
| | | | | |__File-Information-Group		choice	1	0600	File-information
| | | | | | |__Imbedded-File-Information-Group		group	0:1	0600	imbedded-file-information
	Imbedded file information group contains the hexa-decimal representation of the file.				
| | | | | | | |__File-Size-In-Bytes		field	1	0601	file-size-in-bytes
| | | | | | | |__File		field	1	0601	file
| | | | | | | |__Computer-Operating-System-Type-Code		field	0:1	0213	computer-operating-system-asset-type-code
| | | | | | |__CITIS-Access-Information-Group		group	0:1	0600	contractor-integrated-technical-information-service-information
| | | |__Non-Digital-Representation-Group		group	0:1	0600	non-digital-representation-information
	If Document representation medium identification not equal "D" then Non digital Document representation information group is non-blank else Non digital Document representation information group is blank				
| |__Sheet-Managed-Document-Group		choice	0:1	0600	sheet-managed-document
| | |__Single-Sheet-Group		group	0:1	0600	single-sheet

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | |__Drawing-Size		field	0:1	0112	document-sheet-size-code
| | | |__Document-Representation-Group		group	1:N	0600	document-representation
| | | | |__Document-Representation-Originator-Group		choice	1	0600	document-representation-originator
| | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | |__Document-Representation-Custodian-Group		choice	1	0600	document-representation-custodian
| | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | |__Document-Representation-Custodian-Office-Name		field	1	0044	document-custodial-enterprise-office-name
| | | | |__Document-Representation-Version-Group		group	1	0600	document-representation-version
| | | | | |__Version-Identification-Group		field	1	0600	version-identification
| | | | | | |__Version-Date-Time-Group		group	1	0600	version-date-time
| | | | | | | |__Date		field	1	0082	document-representation-creation-date
| | | | | | | |__Time		field	0:1	0160	document-representation-creation-time
| | | | | | |__Alphanumeric-Version-Identifier		field	1	0208	document-representation-version-identifier
| | | | | |__Version-Status-Group		group	1	0600	version-status
| | | | | | |__Version-Status-Code		field	1	0021	document-representation-release-process-disposition-status-code

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | |__Version-Status-Date-Time-Group		group	1	0600	version-status-date-time
| | | | | | | |__Date		field	1	0082	document-representation-release-process-disposition-status-date
| | | | | | | |__Time		field	0:1	0160	document-representation-release-process-disposition-status-time
| | | | |__Document-Representation-Medium-Code		field	1	0326	document-representation-medium-identification-code
| | | | |__Document-Representation-Medium-Group		choice	1	0600	representation-medium
| | | | | |__Digital-Representation-Group		group	0:1	0600	digital-document-representation-information
	If Document representation medium code = 'D' then Digital representation group is non-blank else Digital representation group is blank				
| | | | | | |__Digital-Representation-Target-Environment-Type-Code		field	1	0210	document-file-type-code
| | | | | | |__Target-Environment-Group		choice	0:1	0600	target-environment
| | | | | | | |__Standards-Based-Group		group	0:1	0600	standards-based
	If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'STAND' then element is non-blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'PLANG' then element is blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) is not equal to 'STAND' or 'PLANG', then element may be non-blank.				
| | | | | | | | |__Standards-Based-Identifier-Source-Group		choice	1	0600	standards-based-identifier-source
| | | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier
| | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | |__Standards-Based-Document-Identifier		field	1	0266	document-source-assigned-alphanumeric-identifier
| | | | | | | | |__Standards-Based-Document-Revision-Group		choice	1	0600	standards-based-document-revision
| | | | | | | | | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | | | | | | | | | |__Date		field	1	0082	document-revision-generic-date
| | | | | | | | | | |__Time		field	0:1	0160	document-revision-generic-time
| | | | | | | | | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | |__Proprietary-Software-Based-Group	If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'PLANG' then element is non-blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'STAND' then element is blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) is not equal to 'STAND' or 'PLANG', then element may be non-blank.	group	0:1	0600	proprietary-software-based
| | | | | | | | |__Proprietary-Software-Based-Identifier-Source-Group		choice	1	0600	proprietary-software-based-identifier-source
| | | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | |__Proprietary-Software-Based-Identifier		field	1	0024	product-identifier
| | | | | | |__File-Identification-Group		group	1:N	0600	file-identification
| | | | | | | |__File-Identifier		field	1	0206	electronic-document-file-identifier
| | | | | | | |__File-Identifier-Source-Group		choice	0:1	0600	file-identifier-source
| | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | |__File-Origination-Date-Time-Group		group	1	0600	File-origination-date-time

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | |__Date		field	1	0082	electronic-document-file-creation-date
| | | | | | | | |__Time		field	1	0160	electronic-document-file-creation-time
| | | | | | | |__File-Description		field	0:1	0212	document-file-description-text
| | | | | | | |__File-Compression-Method-Code		field	0:1	0214	document-file-compression-method-code
| | | | | | | |__File-Type-Group		group	1	0600	file-type
| | | | | | | | |__File-Type-Code		field	1	0210	document-file-type-code
| | | | | | | | |__File-Type-Information-Group		choice	0:1	0600	file-type-information
| | | | | | | | | |__Standards-Based-Group		group	0:1	0600	standards-based
	If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'STAND' then element is non-blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'PLANG' then element is blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) is not equal to 'STAND' or 'PLANG', then element may be non-blank.				
| | | | | | | | | | |__Standards-Based-Identifier-Source-Group		choice	1	0600	standards-based-identifier-source
| | | | | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | | | | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier
| | | | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | | | |__Standards-Based-Document-Identifier		field	1	0266	document-source-assigned-alphanumeric-identifier
| | | | | | | | | | |__Standards-Based-Document-Revision-Group		choice	1	0600	standards-based-document-revision
| | | | | | | | | | | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | | | | | | | | | | | |__Date		field	1	0082	document-revision-generic-date
| | | | | | | | | | | | |__Time		field	0:1	0160	document-revision-generic-time
| | | | | | | | | | | | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | |__Proprietary-Software-Based-Group		group	0:1	0600	proprietary-software-based
	If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'PLANG' then element is non-blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'STAND' then element is blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) is not equal to 'STAND' or 'PLANG', then element may be non-blank.				
| | | | | | | | | | |__Proprietary-Software-Based-Identifier-Source-Group		choice	1	0600	proprietary-software-based-identifier-source
| | | | | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | | | |__Proprietary-Software-Based-Identifier		field	1	0024	product-identifier
| | | | | | | |__Security-Protection-Group		group	1	0600	security-protection
| | | | | | | | |__Government-Security-Classification-Group		group	1	0600	government-security-classification
| | | | | | | | | |__Government-Security-Classification-Code		field	1	0010	document-security-classification-code
| | | | | | | | | |__Classification-Information-Group		group	0:1	0600	classification-information
	If Government security class equals 'U' or 'FOUO' then the Classification information group is blank else the Classification information group is non- blank				
| | | | | | | | | | |__Classification-Authority-Text		field	1	0155	document-security-classification-authority-text
| | | | | | | | | | |__Classified-Date-Time-Group		group	1	0600	classified-date-time
| | | | | | | | | | | |__Date		field	1	0082	document-security-classification-date
| | | | | | | | | | | |__Time		field	0:1	0160	document-security-classification-time
| | | | | | | | | | | |__Access-Restriction-Code		field	0:N	0085	document-security-access-restriction-code
| | | | | | | | | | | |__Downgrade-Information-Group		group	0:1	0600	downgrade-information
	If Government security class not equal 'U', 'FOUO', 'C', 'NC' or 'NR' then the Downgrade information group is non-blank else the Downgrade information group is blank				
| | | | | | | | | | | |__Downgrade-Classification-Code		field	1	0010	document-security-classification-code
| | | | | | | | | | | |__Downgrade-Event-Date-Time-Group		choice	1	0600	downgrade-event-date-time

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | | | | |__Downgrade-Date-Time-Group		group	0:1	0600	downgrade-date-time
| | | | | | | | | | | | | |__Date		field	1	0082	document-security-classification-downgrade-date
| | | | | | | | | | | | | |__Time		field	0:1	0160	document-security-classification-downgrade-time
| | | | | | | | | | | | |__Downgrade-Event		field	0:1	0156	document-security-classification-downgrade-process-event-name
| | | | | | | | | | |__Declassify-Date-Time-Group		group	1	0600	declassify-date-time
| | | | | | | | | | | |__Date		field	1	0082	document-security-declassification-date
| | | | | | | | | | | |__Time		field	0:1	0160	document-security-declassification-time
| | | | | | | | |__Copyright-Information-Group		group	1	0600	copyright-information-group
| | | | | | | | | |__Copyright-Type		field	1	0012	document-copyright-code
| | | | | | | | | |__Copyright-Owner-Identification-Group		choice	0:1	0600	copyright-owner-identification
	If Copyright type equal 'N' then element is blank else element is non-blank				
| | | | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier
| | | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | | |__Copyright-Date-Time-Group		group	0:1	0600	copyright-date-time
	If Copyright type equal 'N' then copyright-date-time group is blank else copyright-date-time group is non-blank				
| | | | | | | | | | |__Date		field	1	0082	document-copyright-date
| | | | | | | | | | |__Time		field	0:1	0160	document-copyright-time
| | | | | | | | |__Distribution-Information-Group		group	1	0600	distribution-information
| | | | | | | | | |__Distribution-Statement-Code-Group		group	1	0600	distribution-statement-code
| | | | | | | | | | |__Distribution-Statement-Code		field	1	0014	document-distribution-statement-code
| | | | | | | | | | |__Distribution-Statement-Reason-Code		field	1:N	0015	document-distribution-statement-reason-code

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | |__Distribution-Statement-Information-Group		group	0:1	0600	distribution-statement-information
	If Distribution statement code equal "A" and the Distribution statement reason code equal "00" then the Distribution statement information group is blank else the Distribution statement information group is non-blank				
| | | | | | | | | | |__Distribution-Statement-Determination-Date-Time-Group		group	1	0600	distribution-statement-date-time
| | | | | | | | | | | |__Date		field	1	0082	document-distribution-restriction-determination-date
| | | | | | | | | | | |__Time		field	0:1	0160	document-distribution-restriction-determination-time
| | | | | | | | | | |__Distribution-Controlling-Office-Group		group	1	0600	distribution-controlling-office
| | | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | |__Distribution-Controlling-Office-Name		field	0:1	0044	document-distribution-controller-enterprise-office-name
| | | | | | | | |__Export-Control-Restriction-Code		field	1	0079	document-export-control-code
	If distribution-statement-code equals 'A' then element must be 'N'; If distribution-statement-code equals 'X' then element must be 'Y'.				
| | | | | | | | | |__Data-Rights-Information-Group		group	1	0600	data-rights-information
| | | | | | | | | |__Government-Rights-In-Technical-Data-Code		field	1	0022	technical-document-government-data-rights-code
| | | | | | | | | |__Company-Proprietary-Rights-Code		field	1	0084	document-company-proprietary-data-rights-code
	If the Government Rights in Technical Data code equal 'U' then the element is either 'N' or 'S' else the element is 'P'.				
| | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
	If the Government rights in Technical Data code equal "U" and the Company Proprietary rights code equal "N" then the Company name is blank else the Company name is non-blank				
| | | | | | | | | |__Contract-Authorizing-Government-Rights-Group		group	0:1	0600	contract-identifier-information-authorizing-government-rights
	If the Government rights in Technical Data code equal 'U' or 'N' then the element is blank else the element is non-blank.				
| | | | | | | | | | |__Data-Rights-Contract-Number		field	1	0266	document-source-assigned-alphanumeric-identifier
| | | | | | | | | | |__Data-Rights-Contract-Date-Time-Group		group	1	0600	contact-data-rights-date-time
| | | | | | | | | | | |__Date		field	1	0082	contract-date
| | | | | | | | | | | |__Time		field	0:1	0160	contract-time
| | | | | | | |__File-Information-Group		choice	1	0600	File-information
| | | | | | | | |__Imbedded-File-Information-Group		group	0:1	0600	imbedded-file-information
	Imbedded file information group contains the hexa-decimal representation of the file.				

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | |__File-Size-In-Bytes		field	1	0601	file-size-in-bytes
| | | | | | | | | |__File		field	1	0601	file
| | | | | | | | | |__Computer-Operating-System-Type-Code		field	0:1	0213	computer-operating-system-asset-type-code
| | | | | | | | |__CITIS-Access-Information-Group		group	0:1	0600	contractor-integrated-technical-information-service-information
| | | | | |__Non-Digital-Representation-Group		group	0:1	0600	non-digital-representation-information
	If Document representation medium identification not equal "D" then Non digital Document representation information group is non-blank else Non digital Document representation information group is blank				
| | |__Multi-Sheet-Group		group	0:1	0600	multi-sheet
| | | |__Total-Sheets		field	1	0110	document-sheet-total-quantity
| | | |__Sheets-Group		group	2:N	0600	sheets
| | | | |__Sheet-Number		field	1	0026	document-sheet-identifier
| | | | |__Drawing-Size		field	0:1	0112	document-sheet-size-code
| | | | |__Sheet-Revision-Group		choice	1	0600	sheet-revision
| | | | | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | | | | | |__Date		field	1	0082	document-revision-generic-date
| | | | | | |__Time		field	0:1	0160	document-revision-generic-time
| | | | | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier
| | | | |__Document-Representation-Group		group	1:N	0600	document-representation
| | | | | |__Document-Representation-Originator-Group		choice	1	0600	document-representation-originator
| | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | |__Document-Representation-Custodian-Group		choice	1	0600	document-representation-custodian
| | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | |__Document-Representation-Custodian-Office-Name		field	1	0044	document-custodial-enterprise-office-name
| | | | | |__Document-Representation-Version-Group		group	1	0600	document-representation-version
| | | | | | |__Version-Identification-Group		field	1	0600	version-identification
| | | | | | | |__Version-Date-Time-Group		group	1	0600	version-date-time
| | | | | | | | |__Date		field	1	0082	document-representation-creation-date
| | | | | | | | |__Time		field	0:1	0160	document-representation-creation-time
| | | | | | | |__Alphanumeric-Version-Identifier		field	1	0208	document-representation-version-identifier
| | | | | | |__Version-Status-Group		group	1	0600	version-status
| | | | | | | |__Version-Status-Code		field	1	0021	document-representation-release-process-disposition-status-code
| | | | | | | |__Version-Status-Date-Time-Group		group	1	0600	version-status-date-time
| | | | | | | | |__Date		field	1	0082	document-representation-release-process-disposition-status-date
| | | | | | | | |__Time		field	0:1	0160	document-representation-release-process-disposition-status-time
| | | | | |__Document-Representation-Medium-Code		field	1	0326	document-representation-medium-identification-code
| | | | | |__Document-Representation-Medium-Group		choice	1	0600	representation-medium
| | | | | | |__Digital-Representation-Group		group	0:1	0600	digital-document-representation-information
	If Document representation medium code = 'D' then Digital representation group is non-blank else Digital representation group is blank				
| | | | | | | |__Digital-Representation-Target-Environment-Type-Code		field	1	0210	document-file-type-code
| | | | | | | |__Target-Environment-Group		choice	0:1	0600	target-environment
| | | | | | | | |__Standards-Based-Group		group	0:1	0600	standards-based
	If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'STAND' then element is non-blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'PLANG' then element is blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) is not equal to 'STAND' or 'PLANG', then element may be non-blank.				
| | | | | | | | | |__Standards-Based-Identifier-Source-Group		choice	1	0600	standards-based-identifier-source

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier
| | | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | |__Standards-Based-Document-Identifier		field	1	0266	document-source-assigned-alphanumeric-identifier
| | | | | | | | |__Standards-Based-Document-Revision-Group		choice	1	0600	standards-based-document-revision
| | | | | | | | | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | | | | | | | | | |__Date		field	1	0082	document-revision-generic-date
| | | | | | | | | | |__Time		field	0:1	0160	document-revision-generic-time
| | | | | | | | | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier
| | | | | | | |__Proprietary-Software-Based-Group		group	0:1	0600	proprietary-software-based
	If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'PLANG' then element is non-blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'STAND' then element is blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) is not equal to 'STAND' or 'PLANG', then element may be non-blank.				
| | | | | | | | |__Proprietary-Software-Based-Identifier-Source-Group		choice	1	0600	proprietary-software-based-identifier-source
| | | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | |__Proprietary-Software-Based-Identifier		field	1	0024	product-identifier
| | | | | | |__File-Identification-Group		group	1:N	0600	file-identification
| | | | | | | |__File-Identifier		field	1	0206	electronic-document-file-identifier
| | | | | | | |__File-Identifier-Source-Group		choice	0:1	0600	file-identifier-source
| | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | |__File-Origination-Date-Time-Group		group	1	0600	File-origination-date-time
| | | | | | | | |__Date		field	1	0082	electronic-document-file-creation-date
| | | | | | | | |__Time		field	1	0160	electronic-document-file-creation-time
| | | | | | | |__File-Description		field	0:1	0212	document-file-description-text
| | | | | | | |__File-Compression-Method-Code		field	0:1	0214	document-file-compression-method-code
| | | | | | | |__File-Type-Group		group	1	0600	file-type
| | | | | | | | |__File-Type-Code		field	1	0210	document-file-type-code
| | | | | | | | |__File-Type-Information-Group		choice	0:1	0600	file-type-information
| | | | | | | | | |__Standards-Based-Group		group	0:1	0600	standards-based
	If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'STAND' then element is non-blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'PLANG' then element is blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) is not equal to 'STAND' or 'PLANG', then element may be non-blank.				
| | | | | | | | | | |__Standards-Based-Identifier-Source-Group		choice	1	0600	standards-based-identifier-source
| | | | | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | | | | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier
| | | | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | | | |__Standards-Based-Document-Identifier		field	1	0266	document-source-assigned-alphanumeric-identifier
| | | | | | | | | | |__Standards-Based-Document-Revision-Group		choice	1	0600	standards-based-document-revision
| | | | | | | | | | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | | | | | | | | | | |__Date		field	1	0082	document-revision-generic-date
| | | | | | | | | | | |__Time		field	0:1	0160	document-revision-generic-time
| | | | | | | | | | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier
| | | | | | | | | |__Proprietary-Software-Based-Group		group	0:1	0600	proprietary-software-based
	If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'PLANG' then element is non-blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'STAND' then element is blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) is not equal to 'STAND' or 'PLANG', then element may be non-blank.				
| | | | | | | | | | |__Proprietary-Software-Based-Identifier-Source-Group		choice	1	0600	proprietary-software-based-identifier-source
| | | | | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | | | |__Proprietary-Software-Based-Identifier		field	1	0024	product-identifier
| | | | | | | |__Security-Protection-Group		group	1	0600	security-protection
| | | | | | | | |__Government-Security-Classification-Group		group	1	0600	government-security-classification
| | | | | | | | | |__Government-Security-Classification-Code		field	1	0010	document-security-classification-code
| | | | | | | | | |__Classification-Information-Group		group	0:1	0600	classification-information
	If Government security class equals 'U' or 'FOUO' then the Classification information group is blank else the Classification information group is non- blank				
| | | | | | | | | | |__Classification-Authority-Text		field	1	0155	document-security-classification-authority-text
| | | | | | | | | | |__Classified-Date-Time-Group		group	1	0600	classified-date-time
| | | | | | | | | | | |__Date		field	1	0082	document-security-classification-date
| | | | | | | | | | | |__Time		field	0:1	0160	document-security-classification-time
| | | | | | | | | | | |__Access-Restriction-Code		field	0:N	0085	document-security-access-restriction-code
| | | | | | | | | | | |__Downgrade-Information-Group		group	0:1	0600	downgrade-information
	If Government security class not equal 'U', 'FOUO', 'C', 'NC' or 'NR' then the Downgrade information group is non-blank else the Downgrade information group is blank				
| | | | | | | | | | | | |__Downgrade-Classification-Code		field	1	0010	document-security-classification-code
| | | | | | | | | | | | |__Downgrade-Event-Date-Time-Group		choice	1	0600	downgrade-event-date-time
| | | | | | | | | | | | | |__Downgrade-Date-Time-Group		group	0:1	0600	downgrade-date-time
| | | | | | | | | | | | | | |__Date		field	1	0082	document-security-classification-downgrade-date
| | | | | | | | | | | | | | |__Time		field	0:1	0160	document-security-classification-downgrade-time
| | | | | | | | | | | | | | |__Downgrade-Event		field	0:1	0156	document-security-classification-downgrade-process-event-name
| | | | | | | | | | | |__Declassify-Date-Time-Group		group	1	0600	declassify-date-time
| | | | | | | | | | | | |__Date		field	1	0082	document-security-declassification-date
| | | | | | | | | | | | |__Time		field	0:1	0160	document-security-declassification-time
| | | | | | | | |__Copyright-Information-Group		group	1	0600	copyright-information-group
| | | | | | | | | |__Copyright-Type		field	1	0012	document-copyright-code
| | | | | | | | | |__Copyright-Owner-Identification-Group		choice	0:1	0600	copyright-owner-identification
	If Copyright type equal 'N' then element is blank else element is non-blank				
| | | | | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | | | | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier
| | | | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | | | |__Copyright-Date-Time-Group		group	0:1	0600	copyright-date-time
	If Copyright type equal 'N' then copyright-date-time group is blank else copyright-date-time group is non-blank				
| | | | | | | | | | | |__Date		field	1	0082	document-copyright-date
| | | | | | | | | | | |__Time		field	0:1	0160	document-copyright-time
| | | | | | | | |__Distribution-Information-Group		group	1	0600	distribution-information
| | | | | | | | | |__Distribution-Statement-Code-Group		group	1	0600	distribution-statement-code
| | | | | | | | | | |__Distribution-Statement-Code		field	1	0014	document-distribution-statement-code
| | | | | | | | | | |__Distribution-Statement-Reason-Code		field	1:N	0015	document-distribution-statement-reason-code
| | | | | | | | | | |__Distribution-Statement-Information-Group		group	0:1	0600	distribution-statement-information
	If Distribution statement code equal "A" and the Distribution statement reason code equal "00" then the Distribution statement information group is blank else the Distribution statement information group is non-blank				
| | | | | | | | | | | |__Distribution-Statement-Determination-Date-Time-Group		group	1	0600	distribution-statement-date-time
| | | | | | | | | | | | |__Date		field	1	0082	document-distribution-restriction-determination-date
| | | | | | | | | | | | |__Time		field	0:1	0160	document-distribution-restriction-determination-time
| | | | | | | | | | | |__Distribution-Controlling-Office-Group		group	1	0600	distribution-controlling-office
| | | | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | |__Distribution-Controlling-Office-Name		field	0:1	0044	document-distribution-controller-enterprise-office-name

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | |__Export-Control-Restriction-Code		field	1	0079	document-export-control-code
	If distribution-statement-code equals 'A' then element must be 'N'; If distribution-statement-code equals 'X' then element must be 'Y'.				
| | | | | | | | | |__Data-Rights-Information-Group		group	1	0600	data-rights-information
| | | | | | | | | | |__Government-Rights-In-Technical-Data-Code		field	1	0022	technical-document-government-data-rights-code
| | | | | | | | | | |__Company-Proprietary-Rights-Code		field	1	0084	document-company-proprietary-data-rights-code
	If the Government Rights in Technical Data code equal 'U' then the element is either 'N' or 'S' else the element is 'P'.				
| | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
	If the Government rights in Technical Data code equal "U" and the Company Proprietary rights code equal "N" then the Company name is blank else the Company name is non-blank				
| | | | | | | | | | |__Contract-Authorizing-Government-Rights-Group		group	0:1	0600	contract-identifier-information-authorizing-government-rights
	If the Government rights in Technical Data code equal 'U' or 'N' then the element is blank else the element is non-blank.				
| | | | | | | | | | | |__Data-Rights-Contract-Number		field	1	0266	document-source-assigned-alphanumeric-identifier
| | | | | | | | | | | |__Data-Rights-Contract-Date-Time-Group		group	1	0600	contact-data-rights-date-time
| | | | | | | | | | | | |__Date		field	1	0082	contract-date
| | | | | | | | | | | | |__Time		field	0:1	0160	contract-time
| | | | | | | | |__File-Information-Group		choice	1	0600	File-information
| | | | | | | | | |__Imbedded-File-Information-Group		group	0:1	0600	imbedded-file-information
	Imbedded file information group contains the hexa-decimal representation of the file.				
| | | | | | | | | | |__File-Size-In-Bytes		field	1	0601	file-size-in-bytes
| | | | | | | | | | |__File		field	1	0601	file
| | | | | | | | | | |__Computer-Operating-System-Type-Code		field	0:1	0213	computer-operating-system-asset-type-code
| | | | | | | | | |__CITIS-Access-Information-Group		group	0:1	0600	contractor-integrated-technical-information-service-information
| | | | | | |__Non-Digital-Representation-Group		group	0:1	0600	non-digital-representation-information
	If Document representation medium identification not equal "D" then Non digital Document representation information group is non-blank else Non digital Document representation information group is blank				

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
Data Information Packet Name: Engineering-Change-Proposal					
|__ECP-Group-Document-Identifier-Source-Group		choice	1	0600	engineering-change-proposal-document-identifier-source
| |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier
| | |__Company-Name		field	0:1	0170	enterprise-name
| | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
|__ECP-Identifier-Document-Identifier		field	1	0266	document-source-assigned-alphanumeric-identifier
|__ECP-Group-Document-Revision-Group		choice	1	0600	engineering-change-proposal-document-revision
| |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | |__Date		field	1	0082	document-revision-generic-date
| | |__Time		field	0:1	0160	document-revision-generic-time
| |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier
|__ECP-Document-Title		field	0:1	0008	document-name
|__Originator-Point-Of-Contact		group	0:1	0600	originator-point-of-contact
	Mandatory on first submittal; optional on all subsequent revisions				
| |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
|__Security-Protection-Group		group	1	0600	security-protection
| |__Government-Security-Classification-Group		group	1	0600	government-security-classification
| | |__Government-Security-Classification-Code		field	1	0010	document-security-classification-code
| | |__Classification-Information-Group		group	0:1	0600	classification-information
	If Government security class equals 'U' or 'FOUO' then the Classification information group is blank else the Classification information group is non- blank				
| | | |__Classification-Authority-Text		field	1	0155	document-security-classification-authority-text

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | |__Classified-Date-Time-Group		group	1	0600	classified-date-time
| | | | |__Date		field	1	0082	document-security-classification-date
| | | | |__Time		field	0:1	0160	document-security-classification-time
| | | |__Access-Restriction-Code		field	0:N	0085	document-security-access-restriction-code
| | | |__Downgrade-Information-Group		group	0:1	0600	downgrade-information
	If Government security class not equal 'U', 'FOUO', 'C', 'NC' or 'NR' then the Downgrade information group is non-blank else the Downgrade information group is blank				
| | | | |__Downgrade-Classification-Code		field	1	0010	document-security-classification-code
| | | | |__Downgrade-Event-Date-Time-Group		choice	1	0600	downgrade-event-date-time
| | | | | |__Downgrade-Date-Time-Group		group	0:1	0600	downgrade-date-time
| | | | | | |__Date		field	1	0082	document-security-classification-downgrade-date
| | | | | | |__Time		field	0:1	0160	document-security-classification-downgrade-time
| | | | | |__Downgrade-Event		field	0:1	0156	document-security-classification-downgrade-process-event-name
| | | |__Declassify-Date-Time-Group		group	1	0600	declassify-date-time
| | | | |__Date		field	1	0082	document-security-declassification-date
| | | | |__Time		field	0:1	0160	document-security-declassification-time
| |__Copyright-Information-Group		group	1	0600	copyright-information-group
| | |__Copyright-Type		field	1	0012	document-copyright-code
| | |__Copyright-Owner-Identification-Group		choice	0:1	0600	copyright-owner-identification
	If Copyright type equal 'N' then element is blank else element is non-blank				
| | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier
| | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | |__Copyright-Date-Time-Group		group	0:1	0600	copyright-date-time
	If Copyright type equal 'N' then copyright-date-time group is blank else copyright-date-time group is non-blank				
| | | |__Date		field	1	0082	document-copyright-date
| | | |__Time		field	0:1	0160	document-copyright-time
| |__Distribution-Information-Group		group	1	0600	distribution-information
| | |__Distribution-Statement-Code-Group		group	1	0600	distribution-statement-code
| | | |__Distribution-Statement-Code		field	1	0014	document-distribution-statement-code
| | | |__Distribution-Statement-Reason-Code		field	1:N	0015	document-distribution-statement-reason-code
| | |__Distribution-Statement-Information-Group		group	0:1	0600	distribution-statement-information
	If Distribution statement code equal "A" and the Distribution statement reason code equal "00" then the Distribution statement information group is blank else the Distribution statement information group is non-blank				
| | | |__Distribution-Statement-Determination-Date-Time-Group		group	1	0600	distribution-statement-date-time
| | | | |__Date		field	1	0082	document-distribution-restriction-determination-date
| | | | |__Time		field	0:1	0160	document-distribution-restriction-determination-time
| | | |__Distribution-Controlling-Office-Group		group	1	0600	distribution-controlling-office
| | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | |__Distribution-Controlling-Office-Name		field	0:1	0044	document-distribution-controller-enterprise-office-name
| |__Export-Control-Restriction-Code		field	1	0079	document-export-control-code
	If distribution-statement-code equals 'A' then element must be 'N'; If distribution-statement-code equals 'X' then element must be 'Y'.				
| |__Data-Rights-Information-Group		group	1	0600	data-rights-information
| | |__Government-Rights-In-Technical-Data-Code		field	1	0022	technical-document-government-data-rights-code
| | |__Company-Proprietary-Rights-Code		field	1	0084	document-company-proprietary-data-rights-code
	If the Government Rights in Technical Data code equal 'U' then the element is either 'N' or 'S' else the element is 'P'.				
| | |__Company-Name		field	0:1	0170	enterprise-name
	If the Government rights in Technical Data code equal "U" and the Company Proprietary rights code equal "N" then the Company name is blank else the Company name is non-blank				

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | |__Contract-Authorizing-Government-Rights-Group		group	0:1	0600	contract-identifier-information-authorizing-government-rights
	If the Government rights in Technical Data code equal 'U' or 'N' then the element is blank else the element is non-blank.				
| | | |__Data-Rights-Contract-Number		field	1	0266	document-source-assigned-alphanumeric-identifier
| | | |__Data-Rights-Contract-Date-Time-Group		group	1	0600	contact-data-rights-date-time
| | | | |__Date		field	1	0082	contract-date
| | | | |__Time		field	0:1	0160	contract-time
|__Procuring-Activity-Number-Group		group	0:1	0600	procuring-activity-number
	Mandatory when directed by contract requirements. Series must be all blank or all non-blank				
| |__Procuring-Activity-Number-Year		field	1	0219	julian-year-period-identifier
| |__Procuring-Activity-Number		field	1	0178	document-procuring-activity-assigned-identifier
|__Summary-Of-Description-Of-Change		field	1	0171	change-proposal-document-change-description-text
|__Summary-Of-Need-For-Change		field	1	0171	change-proposal-document-change-justification-text
|__ECP-Affected-Document-Group		group	1:N	0600	engineering-change-proposal-affected-document
| |__Affected-Document-Sheet-Management-Group		choice	1	0600	affected-document-sheet-management
| | |__Single-Sheet-Or-Non-Sheet-Managed-Group		group	0:1	0600	single-sheet-or-non-sheet-managed
| | | |__Affected-Document-Identifier-Source-Group		choice	1	0600	affected-document-identifier-source
| | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier
| | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | |__Affected-Document-Identifier		field	0:1	0266	document-source-assigned-alphanumeric-identifier
| | | |__Affected-Document-Revision-Group		choice	0:1	0600	affected-document-revision
| | | | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | |__Date		field	1	0082	document-revision-generic-date
| | | | | |__Time		field	0:1	0160	document-revision-generic-time
| | | | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier
| | |__Multi-Sheet-Managed-Group		group	0:1	0600	multi-sheet-managed
| | | |__Affected-Document-Identifier-Source-Group		choice	1	0600	affected-document-identifier-source
| | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier
| | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | |__Affected-Document-Identifier		field	0:1	0266	document-source-assigned-alphanumeric-identifier
| | | |__Affected-Document-Revision-Group		choice	0:1	0600	affected-document-revision
| | | | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | | | | |__Date		field	1	0082	document-revision-generic-date
| | | | | |__Time		field	0:1	0160	document-revision-generic-time
| | | | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier
| | | |__Sheet-Number		field	1	0026	document-sheet-identifier
| | | |__Sheet-Revision-Group		choice	1	0600	sheet-revision
| | | | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | | | | |__Date		field	1	0082	document-revision-generic-date
| | | | | |__Time		field	0:1	0160	document-revision-generic-time
| | | | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier
| |__NOR-Identification-Group		group	0:1	0600	notice-of-revision-identification

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | |__NOR-Document-Identifier		field	1	0266	document-source-assigned-alphanumeric-identifier
| | |__NOR-Revision-Identification-Group		choice	1	0600	nor-revision-identification
| | | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | | | |__Date		field	1	0082	document-revision-generic-date
| | | | |__Time		field	0:1	0160	document-revision-generic-time
| | | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier
| |__Changes-To-Affected-Document-Group		group	1	0600	changes-to-affected-document
| | |__From-To-Change-Description		field	0:1	0118	document-specific-proposed-changes-field-text
	If Redlined document identification group is blank then From-to change description must not be blank				
| | |__Redlined-Document-Identification-Group		group	0:1	0600	redlined-document-identification
	If From-to change description is blank then Redlined document identification group must not be blank				
| | | |__Redlined-Document-Identifier-Source-Group		choice	1	0600	redlined-document-identifier-source
| | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | |__Redlined-Document-Identifier		field	1	0266	document-source-assigned-alphanumeric-identifier
| | | |__Redlined-Document-Revision-Group		choice	0:1	0600	redlined-document-revision
| | | | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | | | | |__Date		field	1	0082	document-revision-generic-date
| | | | | |__Time		field	0:1	0160	document-revision-generic-time
| | | | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier
| | |__Draft-Revised-Affected-Document-Group		group	0:1	0600	draft-revised-affected-document

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | |__Document-Identifier-Source-Group		choice	1	0600	document-identifier-source
| | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | |__Document-Identifier		field	1	0266	document-source-assigned-alphanumeric-identifier
| | | |__Document-Revision-Identification-Group		choice	0:1	0600	document-revision-identification
| | | | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | | | | |__Date		field	1	0082	document-revision-generic-date
| | | | | |__Time		field	0:1	0160	document-revision-generic-time
| | | | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier
|__Proposed-New-Document-Group		choice	0:N	0600	proposed-new-document
| |__Single-Sheet-Or-Non-Sheet-Managed-Group		group	0:1	0600	single-sheet-or-non-sheet-managed
| | |__Affected-Document-Identifier-Source-Group		choice	1	0600	affected-document-identifier-source
| | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier
| | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | |__Affected-Document-Identifier		field	0:1	0266	document-source-assigned-alphanumeric-identifier
| | |__Affected-Document-Revision-Group		choice	0:1	0600	affected-document-revision
| | | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | | | |__Date		field	1	0082	document-revision-generic-date
| | | | |__Time		field	0:1	0160	document-revision-generic-time
| | | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier
| |__Multi-Sheet-Managed-Group		group	0:1	0600	multi-sheet-managed
| | |__Affected-Document-Identifier-Source-Group		choice	1	0600	affected-document-identifier-source
| | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier
| | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | |__Affected-Document-Identifier		field	0:1	0266	document-source-assigned-alphanumeric-identifier
| | |__Affected-Document-Revision-Group		choice	0:1	0600	affected-document-revision
| | | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | | | |__Date		field	1	0082	document-revision-generic-date
| | | | |__Time		field	0:1	0160	document-revision-generic-time
| | | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier
| | |__Sheet-Number		field	1	0026	document-sheet-identifier
| | |__Sheet-Revision-Group		choice	1	0600	sheet-revision
| | | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | |__Date		field	1	0082	document-revision-generic-date
| | | | |__Time		field	0:1	0160	document-revision-generic-time
| | | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier
|__Contract-Identification-Group		group	0:N	0600	contract-identification
| |__Contract-Identifier-Source-Group		choice	1	0600	contract-identifier-source
| | |__Company-Name		field	0:1	0170	enterprise-name
| | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| |__Contract-Document-Identifier		field	1	0266	document-source-assigned-alphanumeric-identifier
| |__Contract-Modification-Identifier		field	0:1	0120	contract-document-revision-identifier
| |__Contract-Line-Item-Affected		field	1:N	0017	contract-document-line-item-identifier
| |__Contracting-Officer-Group		group	1	0600	contracting-officer
| | |__Name-Group		group	1	0600	name
| | | |__First-Name		field	1	0067	human-first-given-name
| | | |__Last-Name		field	1	0068	human-last-given-name
| | |__Office-Name		field	1	0044	contracting-officer-responsible-office-name
| | |__Telephone-Number		field	1	0134	entity-telephone-address-identifier
|__ECP-Classification-Group		choice	1	0600	engineering-change-proposal-classification
| |__ECP-Class-II-Group		group	0:1	0600	engineering-change-proposal-class-ii
| | |__Consequences-Of-Disapproval		field	1	0118	document-change-proposal-disapproval-consequences-field-text
| | |__Classification-Agreement-Group		group	1	0600	classification-agreement
| | | |__Classification-Agreement-Code		field	1	0021	engineering-change-proposal-document-class-concurrence-process-disposition-status-code
| | | |__Classification-Agreement-Date-Time-Group		group	1	0600	classification-agreement-date-time
| | | | |__Date		field	1	0082	engineering-change-proposal-document-contract-administration-change-class-concurrence-date

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | |__Time		field	0:1	0160	engineering-change-proposal-contract-administration-change-class-concurrence-time
| | | |__Classification-Agreement-Authority-Group		group	1	0600	classification-agreement-authority
| | | | |__First-Name		field	1	0067	human-first-given-name
| | | | |__Last-Name		field	1	0068	human-last-given-name
| | | |__Classification-Authority-Office-Name		field	1	0044	engineering-change-proposal-document-contract-administration-office-name
| | |__Disposition-Status-Group		group	1	0600	disposition-status
| | | |__Disposition-Status-Code		field	1	0021	engineering-change-proposal-document-disposition-status-code
| | | |__Disposition-Status-Date-Time-Group		group	1	0600	disposition-status-date-time
| | | | |__Date		field	1	0082	document-disposition-status-date
| | | | |__Time		field	0:1	0160	document-disposition-status-time
| | | |__Disposition-Authority-Group		group	1	0600	disposition-authority
| | | | |__First-Name		field	1	0067	human-first-given-name
| | | | |__Last-Name		field	1	0068	human-last-given-name
| | | |__Disposition-Authority-Office-Name		field	1	0044	enterprise-office-name
| |__ECP-Class-I-Group		group	0:1	0600	engineering-change-proposal-class-i
| | |__Production-Status-Code		field	1	0223	engineering-change-proposal-document-in-production-code
| | |__Effect-On-Delivery-Schedule		field	1	0171	change-proposal-document-production-delivery-schedule-effect-text
| | |__Justification-Code		field	1	0165	engineering-change-proposal-document-justification-code
| | |__Priority-Code		field	1	0166	engineering-change-proposal-document-priority-code
| | |__Baseline-Affected		field	1:N	0098	product-baseline-type-code
| | |__Interfacing-CIs-Affected-Indicator-Code		field	0:1	0129	interface-configuration-item-product-affected-code
| | |__Recurring-Deviation-Identification-Group		group	0:N	0600	recurring-deviation-identification
| | | |__Recurring-Deviation-Source-Group		choice	1	0600	recurring-deviation-source
| | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | |__Recurring-Deviation-Document-Identifier		field	1	0266	document-source-assigned-alphanumeric-identifier
| | | |__Recurring-Deviation-Document-Identifier-Revision-Group		choice	1	0600	recurring-deviation-document-identifier-revision
| | | | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | | | | |__Date		field	1	0082	document-revision-generic-date
| | | | | |__Time		field	0:1	0160	document-revision-generic-time
| | | | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier
| | |__ECP-Affected-Product-Group		group	1:N	0600	engineering-change-proposal-affected-product
| | | |__Affected-Product-Identification-Group		choice	1	0600	affected-product-identification
| | | | |__Part-Identification-Group		group	0:1	0600	part-identification
| | | | | |__Part-Identifier-Source-Group		choice	1	0600	product-identifier-source
| | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier
| | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | |__Part-Identifier-Group		group	1	0600	part-identifier
| | | | | | |__Part-Number		field	1	0024	product-identifier

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | |__Part-Parameters-Group		group	0:N	0600	part-parameters
| | | | | | | |__Part-Classification-Code		field	1	0036	part-classification-type-code
| | | | | | | |__Part-Classification-Value		field	1	0037	part-classification-type-value
| | | | |__Software-Identification-Group		group	0:1	0600	software-identification
| | | | | |__Software-Identifier-Source-Group		choice	1	0600	product-identifier-source
| | | | | | |__Human-Personal-Identifier-Group		group	1	0600	human-personal-identifier
| | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | |__Software-Identifier		field	1	0024	product-identifier
| | | |__Level-Code		field	1	0121	engineering-change-proposal-document-part-level-code
| | | |__Product-Tracking-Group		group	1:N	0600	product-tracking
| | | | |__Effectivity-Tracking-Type-Code		field	1	0057	product-change-effectivity-tracking-type-code
| | | | |__Starting-Effectivity		field	1	0058	product-starting-effectivity-sequential-tracking-identifier
| | | |__Retrofit-Group		group	0:1	0600	retrofit
| | | | |__Recommendation-For-Retrofit-Kit-Delivery		field	1	0118	document-proposed-change-retrofit-recommendations-field-text
| | | | |__Estimated-Retrofit-Completion		field	1	0081	product-proposed-retrofit-completion-mro
| | | | |__Related-Retrofit-Incorporation-Group		group	0:N	0600	related-retrofit-incorporation
| | | | | |__Retrofit-Implementation-Sequence-Code		field	1	0193	retrofit-kit-change-document-implementation-sequence-code
| | | | | |__Retrofit-ECP-Identification-Group		group	1	0600	retrofit-engineering-change-proposal-identification
| | | | | | |__ECP-Group-Document-Identifier-Source-Group		choice	1	0600	engineering-change-proposal-document-identifier-source
| | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier
| | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | |__ECP-Identifier-Document-Identifier		field	1	0266	document-source-assigned-alphanumeric-identifier
| | | | | | |__ECP-Group-Document-Revision-Group		choice	1	0600	engineering-change-proposal-document-revision
| | | | | | | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | | | | | | | |__Date		field	1	0082	document-revision-generic-date
| | | | | | | | |__Time		field	0:1	0160	document-revision-generic-time
| | | | | | | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier
| | | | |__Affected-Asset-Class-Group		group	0:N	0600	affected-asset-class
| | | | | |__Asset-Class-Identifier		field	1	0031	platform-asset-identifier
| | | | | |__Asset-Location-Group		group	0:N	0600	asset-location
| | | | | | |__Location		field	1	0029	geographic-place-name
| | | | | | |__Estimated-Completion-Date		field	1	0081	product-proposed-retrofit-completion-mro
| | | | | | |__Quantity-At-Location	Mandatory if Retrofit Location is not blank, otherwise must be blank.	field	1	0019	product-quantity
| | | | |__Description-Of-Contractor-Field-Service-Requirements		field	0:1	0118	document-proposed-change-contractor-field-service-effect-field-text
| | | | |__Level-Of-Maintenance-Group		group	0:N	0600	level-of-maintenance
| | | | | |__Retrofit-Level-Code		field	1	0195	engineering-change-proposal-document-retrofit-installation-level-code
| | | | | |__Manhour-Per-Unit-For-RR	If Manhour-unit for R&R is blank then Manhour-unit to Install must be non-blank.	field	0:1	0087	retrofit-maintenance-process-period-work-hour-quantity
| | | | | |__Manhour-Per-Unit-To-Install	If Manhour-unit to install is blank then Manhour-unit for R&R must be non-blank.	field	0:1	0087	retrofit-kit-installation-process-period-work-hour-quantity

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | |__Manhour-Per-Unit-To-Test		field	1	0087	retrofit-kit-test-process-period-work-hour-quantity
| | | | | |__Manhour-Per-Unit-To-System-Test		field	1	0087	retrofit-system-test-process-period-work-hour-quantity
| | | | | |__Hours-Out-Of-Service		field	1	0184	predicted-asset-service-period-downtime-days-quantity
| | | | | |__Quantity-Of-Kits-Required		field	1	0019	product-quantity
| | |__Contractual-Authority-Suspense-Group		group	0:1	0600	contractual-authority-suspense
| | | |__Production-Suspense-Date-Time-Group		group	0:1	0600	production-suspense-date-time
| | | | |__Date		field	1	0082	engineering-change-proposal-document-production-contract-authority-need-date
| | | | |__Time		field	0:1	0160	engineering-change-proposal-document-production-contract-authority-need-time
| | | |__Retrofit-Suspense-Date-Time-Group		group	0:1	0600	retrofit-suspense-date-time
| | | | |__Date		field	1	0082	engineering-change-proposal-document-retrofit-contract-authority-need-date
| | | | |__Time		field	0:1	0160	engineering-change-proposal-document-retrofit-contract-authority-need-time
| | |__Effects-Of-This-ECP-Group		group	0:N	0600	effects-of-this-engineering-change-proposal
| | | |__Identification-Of-Area-Affected		field	1	0330	identification-of-area-affected
| | | |__Summary-Of-Effect		field	1	0118	document-proposed-change-effect-field-text
| | | |__Related-Document-Group		group	0:N	0600	related-document
| | | | |__Related-Document-Relationship-Type	Must be either 'RD' or 'SD'	field	1	0048	relationship-type
| | | | |__Related-Document-Identifier-Source-Group		choice	1	0600	related-document-identifier-source
| | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | |__Related-Document-Identifier		field	1	0266	document-source-assigned-alphanumeric-identifier
| | | | |__Related-Document-Revision-Identification-Group		choice	1	0600	related-document-revision-identification
| | | | | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | | | | | |__Date		field	1	0082	document-revision-generic-date
| | | | | | |__Time		field	0:1	0160	document-revision-generic-time
| | | | | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier
| | |__Developmental-Program-Requirements		field	0:1	0118	document-proposed-change-developmental-program-requirements-field-text
| | |__Trade-Offs-And-Alternate-Solutions		field	0:1	0118	document-proposed-change-alternate-solutions-field-text
| | |__Disposition-Group		group	1	0600	disposition
| | | |__Disposition-Recommendation-Group		group	1	0600	disposition-recommendation
| | | | |__Recommendation-Status-Code		field	1	0021	engineering-change-proposal-document-recommendation-disposition-status-code
| | | | |__Recommendation-Status-Date-Time-Group		group	1	0600	recommendation-status-date-time
| | | | | |__Date		field	1	0082	engineering-change-proposal-document-contract-administration-disposition-recommendation-date
| | | | | |__Time		field	0:1	0160	engineering-change-proposal-document-contract-administration-disposition-recommendation-time
| | | | |__Recommendation-Authority-Group		group	1	0600	recommendation-authority
| | | | | |__First-Name		field	1	0067	human-first-given-name
| | | | | |__Last-Name		field	1	0068	human-last-given-name
| | | | |__Recommendation-Authority-Office-Name		field	1	0044	engineering-change-proposal-document-contract-administration-office-name
| | | |__Disposition-Status-Group		group	1	0600	disposition-status
| | | | |__Disposition-Status-Code		field	1	0021	engineering-change-proposal-document-disposition-status-code
| | | | |__Disposition-Status-Date-Time-Group		group	1	0600	disposition-status-date-time
| | | | | |__Date		field	1	0082	document-disposition-status-date
| | | | | |__Time		field	0:1	0160	document-disposition-status-time
| | | | |__Disposition-Authority-Group		group	1	0600	disposition-authority

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | |__First-Name		field	1	0067	human-first-given-name
| | | | | |__Last-Name		field	1	0068	human-last-given-name
| | | | |__Disposition-Authority-Office-Name		field	1	0044	enterprise-office-name
| | |__Format-Group		choice	1	0600	format
| | | |__Preliminary-Format-Group		group	0:1	0600	preliminary-format
| | | | |__Consequences-Of-Disapproval		field	0:1	0118	document-change-proposal-disapproval-consequences-field-text
| | | | |__Budgetary-Cost-Estimates-Group		group	1	0600	budgetary-cost-estimates
| | | | | |__Budgetary-Estimate-Of-RDTE-Cost		field	1	0172	engineering-change-proposal-document-estimated-research-cost-amount
| | | | | |__Budgetary-Estimate-Of-Production-Cost		field	1	0172	engineering-change-proposal-document-estimated-production-cost-amount
| | | |__Final-Format-Group		group	0:1	0600	final-format
| | | | |__Primary-Related-Group		choice	0:1	0600	primary-related
| | | | | |__Related-ECP-Group		group	0:N	0600	related-ecp
| | | | | | |__Related-ECP-Identifier-Source-Group		choice	1	0600	related-ecp-identifier-source
| | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | |__Related-ECP-Document-Identifier		field	1	0266	document-source-assigned-alphanumeric-identifier
| | | | | | |__Related-ECP-Revision-Group		choice	0:1	0600	related-ecp-revision
| | | | | | | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | | | | | | | |__Date		field	1	0082	document-revision-generic-date

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | |__Time		field	0:1	0160	document-revision-generic-time
| | | | | | | | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier
| | | | | |__Primary-ECP-Group		group	0:1	0600	primary-ecp
| | | | | | |__Primary-ECP-Identifier-Source-Group		choice	1	0600	primary-ecp-identifier-source
| | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | |__Primary-ECP-Document-Identifier		field	1	0266	document-source-assigned-alphanumeric-identifier
| | | | | | |__Primary-ECP-Revision-Group		choice	0:1	0600	primary-ecp-revision
| | | | | | | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | | | | | | | |__Date		field	1	0082	document-revision-generic-date
| | | | | | | | |__Time		field	0:1	0160	document-revision-generic-time
| | | | | | | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier
| | | | |__Consequences-Of-Disapproval		field	1	0118	document-change-proposal-disapproval-consequences-field-text
| | | | |__Cost-Group		group	1:N	0600	cost
| | | | | |__Cost-Summary-Group		choice	1:N	0600	cost-summary
| | | | | | |__Contract-Cost-Savings-Group		group	0:1	0600	contract-cost-savings
| | | | | | | |__DoD-Component-Code		field	1	0002	engineering-change-proposal-cost-affected-enterprise-acronym-identification-code
| | | | | | | |__Cost-Area		field	1	0321	engineering-change-proposal-cost-type-identifier
| | | | | | | |__Estimated-Costs-Savings		field	1	0172	engineering-change-proposal-document-estimated-cost-amount
| | | | | | |__Future-Cost-Savings-Group		group	0:1	0600	future-cost-savings

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | |__DoD-Component-Code		field	1	0002	engineering-change-proposal-cost-affected-enterprise-acronym-identification-code
| | | | | | | |__Cost-Area		field	1	0321	engineering-change-proposal-cost-type-identifier
| | | | | | | |__Estimated-Costs-Savings		field	1	0172	engineering-change-proposal-document-estimated-cost-amount
| | | | | |__Cost-Document-Identification-Group		group	1	0600	cost-document-identification
| | | | | | |__Document-Identifier-Source-Group		choice	1	0600	document-identifier-source
| | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | |__Document-Identifier		field	1	0266	document-source-assigned-alphanumeric-identifier
| | | | | | |__Document-Revision-Identification-Group		choice	0:1	0600	document-revision-identification
| | | | | | | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | | | | | | | |__Date		field	1	0082	document-revision-generic-date
| | | | | | | | |__Time		field	0:1	0160	document-revision-generic-time
| | | | | | | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier
|__ECP-Element-To-Related-Document-Group		group	0:N	0600	engineering-change-proposal-element-to-related-document
| |__ECP-Element-Name		field	1	0332	ecp-element-name
| |__Related-Document-Relationship-Type	Must be either 'RD' or 'SD'	field	1	0048	relationship-type
| |__Related-Document-Group		group	1	0600	related-document
| | |__Related-Document-Identifier-Source-Group		choice	1	0600	related-document-identifier-source
| | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | |__Related-Document-Identifier		field	1	0266	document-source-assigned-alphanumeric-identifier
| | |__Related-Document-Revision-Identification-Group		choice	1	0600	related-document-revision-identification
| | | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | | | |__Date		field	1	0082	document-revision-generic-date
| | | | |__Time		field	0:1	0160	document-revision-generic-time
| | | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
Data Information Packet Name: Notice-Of-Revision					
|__NOR-Document-Identifier-Source-Group		choice	1	0600	nor-document-identifier-source
| |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | |__Company-Name		field	0:1	0170	enterprise-name
| | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
|__NOR-Document-Identifier		field	1	0266	document-source-assigned-alphanumeric-identifier
|__NOR-Revision-Identification-Group		choice	1	0600	nor-revision-identification
| |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | |__Date		field	1	0082	document-revision-generic-date
| | |__Time		field	0:1	0160	document-revision-generic-time
| |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier
|__Security-Protection-Group		group	1	0600	security-protection
| |__Government-Security-Classification-Group		group	1	0600	government-security-classification
| | |__Government-Security-Classification-Code		field	1	0010	document-security-classification-code
| | |__Classification-Information-Group		group	0:1	0600	classification-information
	If Government security class equals 'U' or 'FOUO' then the Classification information group is blank else the Classification information group is non- blank				
| | | |__Classification-Authority-Text		field	1	0155	document-security-classification-authority-text
| | | |__Classified-Date-Time-Group		group	1	0600	classified-date-time
| | | | |__Date		field	1	0082	document-security-classification-date
| | | | |__Time		field	0:1	0160	document-security-classification-time
| | | |__Access-Restriction-Code		field	0:N	0085	document-security-access-restriction-code

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | |__Downgrade-Information-Group		group	0:1	0600	downgrade-information
	If Government security class not equal 'U', 'FOUO', 'C', 'NC' or 'NR' then the Downgrade information group is non-blank else the Downgrade information group is blank				
| | | | |__Downgrade-Classification-Code		field	1	0010	document-security-classification-code
| | | | |__Downgrade-Event-Date-Time-Group		choice	1	0600	downgrade-event-date-time
| | | | | |__Downgrade-Date-Time-Group		group	0:1	0600	downgrade-date-time
| | | | | | |__Date		field	1	0082	document-security-classification-downgrade-date
| | | | | | |__Time		field	0:1	0160	document-security-classification-downgrade-time
| | | | | |__Downgrade-Event		field	0:1	0156	document-security-classification-downgrade-process-event-name
| | | |__Declassify-Date-Time-Group		group	1	0600	declassify-date-time
| | | | |__Date		field	1	0082	document-security-declassification-date
| | | | |__Time		field	0:1	0160	document-security-declassification-time
| |__Copyright-Information-Group		group	1	0600	copyright-information-group
| | |__Copyright-Type		field	1	0012	document-copyright-code
| | |__Copyright-Owner-Identification-Group		choice	0:1	0600	copyright-owner-identification
	If Copyright type equal 'N' then element is blank else element is non-blank				
| | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier
| | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | |__Copyright-Date-Time-Group		group	0:1	0600	copyright-date-time
	If Copyright type equal 'N' then copyright-date-time group is blank else copyright-date-time group is non-blank				
| | | |__Date		field	1	0082	document-copyright-date
| | | |__Time		field	0:1	0160	document-copyright-time

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| |__Distribution-Information-Group		group	1	0600	distribution-information
| | |__Distribution-Statement-Code-Group		group	1	0600	distribution-statement-code
| | | |__Distribution-Statement-Code		field	1	0014	document-distribution-statement-code
| | | |__Distribution-Statement-Reason-Code		field	1:N	0015	document-distribution-statement-reason-code
| | |__Distribution-Statement-Information-Group		group	0:1	0600	distribution-statement-information
	If Distribution statement code equal "A" and the Distribution statement reason code equal "00" then the Distribution statement information group is blank else the Distribution statement information group is non-blank				
| | | |__Distribution-Statement-Determination-Date-Time-Group		group	1	0600	distribution-statement-date-time
| | | | |__Date		field	1	0082	document-distribution-restriction-determination-date
| | | | |__Time		field	0:1	0160	document-distribution-restriction-determination-time
| | | |__Distribution-Controlling-Office-Group		group	1	0600	distribution-controlling-office
| | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | |__Distribution-Controlling-Office-Name		field	0:1	0044	document-distribution-controller-enterprise-office-name
| |__Export-Control-Restriction-Code		field	1	0079	document-export-control-code
	If distribution-statement-code equals 'A' then element must be 'N'; If distribution-statement-code equals 'X' then element must be 'Y'.				
| |__Data-Rights-Information-Group		group	1	0600	data-rights-information
| | |__Government-Rights-In-Technical-Data-Code		field	1	0022	technical-document-government-data-rights-code
| | |__Company-Proprietary-Rights-Code		field	1	0084	document-company-proprietary-data-rights-code
	If the Government Rights in Technical Data code equal 'U' then the element is either 'N' or 'S' else the element is 'P'.				
| | |__Company-Name		field	0:1	0170	enterprise-name
	If the Government rights in Technical Data code equal "U" and the Company Proprietary rights code equal "N" then the Company name is blank else the Company name is non-blank				
| | |__Contract-Authorizing-Government-Rights-Group		group	0:1	0600	contract-identifier-information-authorizing-government-rights
	If the Government rights in Technical Data code equal 'U' or 'N' then the element is blank else the element is non-blank.				
| | | |__Data-Rights-Contract-Number		field	1	0266	document-source-assigned-alphanumeric-identifier
| | | |__Data-Rights-Contract-Date-Time-Group		group	1	0600	contact-data-rights-date-time

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | |__Date		field	1	0082	contract-date
| | | | |__Time		field	0:1	0160	contract-time
|__Disposition-Status-Group		group	1	0600	disposition-status
| |__Disposition-Status-Code		field	1	0021	engineering-change-proposal-document-disposition-status-code
| |__Disposition-Status-Date-Time-Group		group	1	0600	disposition-status-date-time
| | |__Date		field	1	0082	document-disposition-status-date
| | |__Time		field	0:1	0160	document-disposition-status-time
| |__Disposition-Authority-Group		group	1	0600	disposition-authority
| | |__First-Name		field	1	0067	human-first-given-name
| | |__Last-Name		field	1	0068	human-last-given-name
| |__Disposition-Authority-Office-Name		field	1	0044	enterprise-office-name
|__Originator-Point-Of-Contact	Mandatory on first submittal; optional on all subsequent revisions	group	0:1	0600	originator-point-of-contact
| |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
|__Procuring-Activity-Number-Group	Mandatory when directed by contract requirements. Series must be all blank or all non-blank	group	0:1	0600	procuring-activity-number
| |__Procuring-Activity-Number-Year		field	1	0219	julian-year-period-identifier
| |__Procuring-Activity-Number		field	1	0178	document-procuring-activity-assigned-identifier
|__NOR-Affected-Document-Group		group	1	0600	notice-of-revision-affected-document
| |__Affected-Document-Sheet-Management-Group		choice	1	0600	affected-document-sheet-management
| | |__Single-Sheet-Or-Non-Sheet-Managed-Group		group	0:1	0600	single-sheet-or-non-sheet-managed
| | | |__Affected-Document-Identifier-Source-Group		choice	1	0600	affected-document-identifier-source
| | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier
| | | | | |__Company-Name		field	0:1	0170	enterprise-name

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | |__Affected-Document-Identifier		field	0:1	0266	document-source-assigned-alphanumeric-identifier
| | | |__Affected-Document-Revision-Group		choice	0:1	0600	affected-document-revision
| | | | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | | | | |__Date		field	1	0082	document-revision-generic-date
| | | | | |__Time		field	0:1	0160	document-revision-generic-time
| | | | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier
| |__Changes-To-Affected-Document-Group		group	1	0600	changes-to-affected-document
| | |__From-To-Change-Description		field	0:1	0118	document-specific-proposed-changes-field-text
	If Redlined document identification group is blank then From-to change text description must not be blank				
| | |__Redlined-Document-Identification-Group		group	0:1	0600	redlined-document-identification
	If From-to change text description is blank then Redlined document identification group must not be blank				
| | | |__Redlined-Document-Identifier-Source-Group		choice	1	0600	redlined-document-identifier-source
| | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | |__Redlined-Document-Identifier		field	1	0266	document-source-assigned-alphanumeric-identifier
| | | |__Redlined-Document-Revision-Group		choice	0:1	0600	redlined-document-revision
| | | | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | |__Date		field	1	0082	document-revision-generic-date
| | | | | |__Time		field	0:1	0160	document-revision-generic-time
| | | | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier
| | |__Draft-Revised-Affected-Document-Group		group	0:1	0600	draft-revised-affected-document
| | | |__Document-Identifier-Source-Group		choice	1	0600	document-identifier-source
| | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier
| | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | |__Document-Identifier		field	1	0266	document-source-assigned-alphanumeric-identifier
| | | |__Document-Revision-Identification-Group		choice	0:1	0600	document-revision-identification
| | | | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | | | | |__Date		field	1	0082	document-revision-generic-date
| | | | | |__Time		field	0:1	0160	document-revision-generic-time
| | | | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier
|__Revision-Incorporation-Group		group	0:1	0600	revision-incorporation
| |__Incorporation-Date-Time-Group		group	1	0600	incorporation-date-time
| | |__Date		field	1	0082	document-revised-sheet-change-incorporation-date
| | |__Time		field	0:1	0160	document-revised-sheet-change-incorporation-time
| |__Revision-Incorporation-Authority-Group		group	1	0600	revision-incorporation-authority
| | |__First-Name		field	1	0067	human-first-given-name
| | |__Last-Name		field	1	0068	human-last-given-name

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| |__Revision-Incorporation-Authority-Office-Name		field	1	0044	enterprise-office-name

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
Data Information Packet Name: Request-For-Deviation					
|__RFD-Document-Identifier-Source-Group		choice	1	0600	rfd-document-identifier-source
| |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | |__Company-Name		field	0:1	0170	enterprise-name
| | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
|__RFD-Document-Identifier		field	1	0266	document-source-assigned-alphanumeric-identifier
|__RFD-Document-Revision-Group		choice	1	0600	request-for-deviation-document-revision
| |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | |__Date		field	1	0082	document-revision-generic-date
| | |__Time		field	0:1	0160	document-revision-generic-time
| |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier
|__RFD-Document-Title		field	1	0008	document-name
|__Security-Protection-Group		group	1	0600	security-protection
| |__Government-Security-Classification-Group		group	1	0600	government-security-classification
| | |__Government-Security-Classification-Code		field	1	0010	document-security-classification-code
| | |__Classification-Information-Group		group	0:1	0600	classification-information
	If Government security class equals 'U' or 'FOUO' then the Classification information group is blank else the Classification information group is non- blank				
| | | |__Classification-Authority-Text		field	1	0155	document-security-classification-authority-text
| | | |__Classified-Date-Time-Group		group	1	0600	classified-date-time
| | | | |__Date		field	1	0082	document-security-classification-date
| | | | |__Time		field	0:1	0160	document-security-classification-time
| | | |__Access-Restriction-Code		field	0:N	0085	document-security-access-restriction-code

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | |__Downgrade-Information-Group		group	0:1	0600	downgrade-information
	If Government security class not equal 'U', 'FOUO', 'C', 'NC' or 'NR' then the Downgrade information group is non-blank else the Downgrade information group is blank				
| | | | |__Downgrade-Classification-Code		field	1	0010	document-security-classification-code
| | | | |__Downgrade-Event-Date-Time-Group		choice	1	0600	downgrade-event-date-time
| | | | | |__Downgrade-Date-Time-Group		group	0:1	0600	downgrade-date-time
| | | | | | |__Date		field	1	0082	document-security-classification-downgrade-date
| | | | | | |__Time		field	0:1	0160	document-security-classification-downgrade-time
| | | | | |__Downgrade-Event		field	0:1	0156	document-security-classification-downgrade-process-event-name
| | | |__Declassify-Date-Time-Group		group	1	0600	declassify-date-time
| | | | |__Date		field	1	0082	document-security-declassification-date
| | | | |__Time		field	0:1	0160	document-security-declassification-time
| |__Copyright-Information-Group		group	1	0600	copyright-information-group
| | |__Copyright-Type		field	1	0012	document-copyright-code
| | |__Copyright-Owner-Identification-Group		choice	0:1	0600	copyright-owner-identification
	If Copyright type equal 'N' then element is blank else element is non-blank				
| | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier
| | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | |__Copyright-Date-Time-Group		group	0:1	0600	copyright-date-time
	If Copyright type equal 'N' then copyright-date-time group is blank else copyright-date-time group is non-blank				
| | | |__Date		field	1	0082	document-copyright-date
| | | |__Time		field	0:1	0160	document-copyright-time

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| |__Distribution-Information-Group		group	1	0600	distribution-information
| | |__Distribution-Statement-Code-Group		group	1	0600	distribution-statement-code
| | | |__Distribution-Statement-Code		field	1	0014	document-distribution-statement-code
| | | |__Distribution-Statement-Reason-Code		field	1:N	0015	document-distribution-statement-reason-code
| | |__Distribution-Statement-Information-Group		group	0:1	0600	distribution-statement-information
	If Distribution statement code equal "A" and the Distribution statement reason code equal "00" then the Distribution statement information group is blank else the Distribution statement information group is non-blank				
| | | |__Distribution-Statement-Determination-Date-Time-Group		group	1	0600	distribution-statement-date-time
| | | | |__Date		field	1	0082	document-distribution-restriction-determination-date
| | | | |__Time		field	0:1	0160	document-distribution-restriction-determination-time
| | | |__Distribution-Controlling-Office-Group		group	1	0600	distribution-controlling-office
| | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | |__Distribution-Controlling-Office-Name		field	0:1	0044	document-distribution-controller-enterprise-office-name
| |__Export-Control-Restriction-Code		field	1	0079	document-export-control-code
	If distribution-statement-code equals 'A' then element must be 'N'; If distribution-statement-code equals 'X' then element must be 'Y'.				
| |__Data-Rights-Information-Group		group	1	0600	data-rights-information
| | |__Government-Rights-In-Technical-Data-Code		field	1	0022	technical-document-government-data-rights-code
| | |__Company-Proprietary-Rights-Code		field	1	0084	document-company-proprietary-data-rights-code
	If the Government Rights in Technical Data code equal 'U' then the element is either 'N' or 'S' else the element is 'P'.				
| | |__Company-Name		field	0:1	0170	enterprise-name
	If the Government rights in Technical Data code equal "U" and the Company Proprietary rights code equal "N" then the Company name is blank else the Company name is non-blank				
| | |__Contract-Authorizing-Government-Rights-Group		group	0:1	0600	contract-identifier-information-authorizing-government-rights
	If the Government rights in Technical Data code equal 'U' or 'N' then the element is blank else the element is non-blank.				
| | | |__Data-Rights-Contract-Number		field	1	0266	document-source-assigned-alphanumeric-identifier
| | | |__Data-Rights-Contract-Date-Time-Group		group	1	0600	contact-data-rights-date-time

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | |__Date		field	1	0082	contract-date
| | | | |__Time		field	0:1	0160	contract-time
|__RFD-Classification-Code		field	1	0125	deviation-request-document-defect-severity-classification-code
|__Disposition-Status-Group		group	1	0600	disposition-status
| |__Disposition-Status-Code		field	1	0021	engineering-change-proposal-document-disposition-status-code
| |__Disposition-Status-Date-Time-Group		group	1	0600	disposition-status-date-time
| | |__Date		field	1	0082	document-disposition-status-date
| | |__Time		field	0:1	0160	document-disposition-status-time
| |__Disposition-Authority-Group		group	1	0600	disposition-authority
| | |__First-Name		field	1	0067	human-first-given-name
| | |__Last-Name		field	1	0068	human-last-given-name
| |__Disposition-Authority-Office-Name		field	1	0044	enterprise-office-name
|__Originator-Point-Of-Contact	Mandatory on first submittal; optional on all subsequent revisions	group	0:1	0600	originator-point-of-contact
| |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
|__Procuring-Activity-Number-Group	Mandatory when directed by contract requirements.	group	0:1	0600	procuring-activity-number
| |__Procuring-Activity-Number-Year		field	1	0219	julian-year-period-identifier
| |__Procuring-Activity-Number		field	1	0178	document-procuring-activity-assigned-identifier
|__Baseline-Affected		field	1:N	0098	product-baseline-type-code
|__Interfacing-CIs-Affected-Indicator-Code		field	0:1	0129	interface-configuration-item-product-affected-code
|__Recurring-Deviation-Group		group	0:N	0600	recurring-deviation
| |__Recurring-Deviation-Identification-Group		group	1:N	0600	recurring-deviation-identification
| | |__Recurring-Deviation-Source-Group		choice	1	0600	recurring-deviation-source
| | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | |__Recurring-Deviation-Document-Identifier		field	1	0266	document-source-assigned-alphanumeric-identifier
| | |__Recurring-Deviation-Document-Identifier-Revision-Group		choice	0:1	0600	recurring-deviation-document-identifier-revision
| | | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | | | |__Date		field	1	0082	document-revision-generic-date
| | | | |__Time		field	0:1	0160	document-revision-generic-time
| | | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier
| |__Rationale-For-Recurring-Deviation		field	1	0118	document-recurring-deviation-request-corrective-action-taken-field-text
|__Summary-Of-Description-Of-Change		field	1	0126	deviation-request-document-description-text
|__Summary-Of-Need-For-Deviation		field	1	0127	deviation-request-document-justification-text
|__Summary-Of-Corrective-Action-		field	1	0130	deviation-request-document-corrective-action-taken-text
|__RFD-Affected-Document-Group		group	1:N	0600	request-for-deviation-affected-document
| |__Affected-Document-Identification-Group		group	1	0600	affected-document-identification
	May be repeated for each document that contains requirements for which the deviation is being requested.				
| | |__Affected-Document-Identifier-Source-Group		choice	1	0600	affected-document-identifier-source
| | | |__Human-Personal-Identifier-Group		group	1	0600	human-personal-identifier
| | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | |__Affected-Document-Identifier		field	0:1	0266	document-source-assigned-alphanumeric-identifier
| | |__Affected-Document-Revision-Group		choice	0:1	0600	affected-document-revision
| | | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | | | |__Date		field	1	0082	document-revision-generic-date
| | | | |__Time		field	0:1	0160	document-revision-generic-time
| | | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier
| |__Classification-Of-Defect-Code		field	0:N	0030	classification-defects-type-code
|__RFD-Element-To-Related-Document-Group		group	0:N	0600	request-for-deviation-element-to-related-document
| |__RFD-Element-Name		field	1	0331	rfd-element-name
| |__Related-Document-Relationship-Type	Must be either 'RD' or 'SD'	field	1	0048	relationship-type
| |__Related-Document-Group		group	1	0600	related-document
| | |__Related-Document-Identifier-Source-Group		choice	1	0600	related-document-identifier-source
| | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | |__Related-Document-Identifier		field	1	0266	document-source-assigned-alphanumeric-identifier
| | |__Related-Document-Revision-Identification-Group		choice	1	0600	related-document-revision-identification
| | | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | | | |__Date		field	1	0082	document-revision-generic-date
| | | | |__Time		field	0:1	0160	document-revision-generic-time
| | | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
|__RFD-Affected-Product-Group		group	1:N	0600	request-for-deviation-affected-product
| |__Affected-Product-Identification-Group		choice	1	0600	affected-product-identification
| | |__Part-Identification-Group		group	0:1	0600	part-identification
| | | |__Part-Identifier-Source-Group		choice	1	0600	product-identifier-source
| | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier
| | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | |__Part-Identifier-Group		group	1	0600	part-identifier
| | | | |__Part-Number		field	1	0024	product-identifier
| | | | |__Part-Parameters-Group		group	0:N	0600	part-parameters
| | | | | |__Part-Classification-Code		field	1	0036	part-classification-type-code
| | | | | |__Part-Classification-Value		field	1	0037	part-classification-type-value
| | |__Software-Identification-Group		group	0:1	0600	software-identification
| | | |__Software-Identifier-Source-Group		choice	1	0600	product-identifier-source
| | | | |__Human-Personal-Identifier-Group		group	1	0600	human-personal-identifier
| | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | |__Software-Identifier		field	1	0024	product-identifier
| |__Level-Code		field	1	0220	deviation-request-document-part-level-code
| |__Product-Tracking-Group		group	1:N	0600	product-tracking
| | |__Effectivity-Tracking-Type-Code		field	1	0057	product-change-effectivity-tracking-type-code
| | |__Starting-Effectivity		field	1	0058	product-starting-effectivity-sequential-tracking-identifier
| | |__Ending-Effectivity		field	1	0058	product-ending-effectivity-sequential-tracking-identifier
|__Contract-Identification-Group		group	1:N	0600	contract-identification
| |__Contract-Identifier-Source-Group		choice	1	0600	contract-identifier-source
| | |__Company-Name		field	0:1	0170	enterprise-name
| | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| |__Contract-Document-Identifier		field	1	0266	document-source-assigned-alphanumeric-identifier
| |__Contract-Modification-Identifier		field	0:1	0120	contract-document-revision-identifier
| |__Contract-Line-Item-Affected		field	1:N	0017	contract-document-line-item-identifier
| |__Contracting-Officer-Group		group	1	0600	contracting-officer
| | |__Name-Group		group	1	0600	name
| | | |__First-Name		field	1	0067	human-first-given-name
| | | |__Last-Name		field	1	0068	human-last-given-name
| | |__Office-Name		field	1	0044	contracting-officer-responsible-office-name
| | |__Telephone-Number		field	1	0134	entity-telephone-address-identifier
|__Effect-On-Delivery-Schedule		field	1	0131	deviation-request-document-delivery-schedule-effect-text
|__Effect-On-Acquisition-Logistics		field	0:1	0118	document-proposed-change-logistics-support-effect-field-text
|__RFD-Price-Consideration		field	1	0132	deviation-request-document-price-effect-estimate-amount

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
|__RFD-Price-Consideration-Rationale		field	1	0104	deviation-request-document-price-adjustment-effect-rationale-text

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
Data Information Packet Name: General-Document					
|__Base-Document-Identification-Group		group	1:N	0600	base-document-identification
| |__Document-Identifier-Source-Group		choice	1	0600	document-identifier-source
| | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | |__Company-Name		field	0:1	0170	enterprise-name
| | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| |__Document-Identifier		field	1	0266	document-source-assigned-alphanumeric-identifier
|__Document-Revision-Group		group	1	0600	document-revision
| |__Revision-Identification-Group		choice	1	0600	revision-identification
| | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | | |__Date		field	1	0082	document-revision-generic-date
| | | |__Time		field	0:1	0160	document-revision-generic-time
| | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier
| |__Revision-Status-Group		group	1	0600	document-revision-status
| | |__Revision-Status-Code		field	1	0021	document-revision-approval-process-disposition-status-code
| | |__Revision-Status-Date-Time-Group		group	1	0600	document-revision-status-date-time
| | | |__Date		field	1	0082	document-revision-approval-process-disposition-status-date
| | | |__Time		field	0:1	0160	document-revision-approval-process-disposition-status-time
|__General-Document-Subsidiary-Type-Code		field	1	0135	General-Document-Subsidiary-Type-Code
|__Document-Title		field	1	0008	document-name
|__Document-Preparation-Date-Time-Group		group	0:1	0600	document-preparation-date-time

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| |__Date		field	1	0082	document-preparation-date
| |__Time		field	0:1	0160	document-preparation-time
|__Special-Condition-Code		field	0:N	0257	engineering-document-special-condition-code
|__Hazardous-Material-Code		field	0:1	0078	supply-item-hazardous-material-code
|__CDCA-Group		group	1	0600	current-document-change-authority
| |__CDCA-Identification-Group		group	1	0600	current-document-change-authority-identification
| | |__CDCA-Identifier-Group		choice	1	0600	current-document-change-authority-identifier
| | | |__Company-Name		field	0:1	0170	enterprise-name
| | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | |__CDCA-Office-Name		field	0:1	0044	current-document-design-control-enterprise-office-name
| |__CDCA-Effective-Date-Time-Group		group	0:1	0600	current-document-change-authority-effective-date-time
| | |__Date		field	1	0082	document-change-control-authority-effective-date
| | |__Time		field	0:1	0160	document-change-control-authority-effective-time
|__Product-Defined-Group		choice	0:N	0600	product-defined
| |__Part-Identification-Group		group	1	0600	part-identification
| | |__Part-Identifier-Source-Group		choice	1	0600	product-identifier-source
| | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier
| | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | |__Part-Identifier-Group		group	1	0600	part-identifier
| | | |__Part-Number		field	1	0024	product-identifier
| | | |__Part-Parameters-Group		group	0:N	0600	part-parameters
| | | | |__Part-Classification-Code		field	1	0036	part-classification-type-code
| | | | |__Part-Classification-Value		field	1	0037	part-classification-type-value
| |__Software-Identification-Group		group	1	0600	software-identification
| | |__Software-Identifier-Source-Group		choice	1	0600	product-identifier-source
| | | |__Human-Personal-Identifier-Group		group	1	0600	human-personal-identifier
| | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | |__Software-Identifier		field	1	0024	product-identifier
|__Related-Document-Group		group	0:N	0600	related-document
| |__Related-Document-Relationship-Type	Must be either 'RD' or 'IA'	field	1	0048	relationship-type
| |__Related-Document-Identifier-Source-Group		choice	1	0600	related-document-identifier-source
| | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | |__Company-Name		field	0:1	0170	enterprise-name
| | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| |__Related-Document-Identifier		field	1	0266	document-source-assigned-alphanumeric-identifier
| |__Related-Document-Revision-Identification-Group		choice	0:1	0600	related-document-revision-identification
| | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | | |__Date		field	1	0082	document-revision-generic-date
| | | |__Time		field	0:1	0160	document-revision-generic-time
| | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier
|__ECP-Authorizing-This-Revision-Group		group	0:N	0600	engineering-change-proposal-authorizing-this-revision
| |__ECP-Identifier-Source-Group		choice	1	0600	engineering-change-proposal-identifier-source
| | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | |__Company-Name		field	0:1	0170	enterprise-name
| | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| |__ECP-Identifier		field	1	0266	document-source-assigned-alphanumeric-identifier
| |__ECP-Revision-Identification-Group		choice	0:1	0600	engineering-change-proposal-revision-identification
| | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | | |__Date		field	1	0082	document-revision-generic-date
| | | |__Time		field	0:1	0160	document-revision-generic-time
| | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier
|__Security-Protection-Group		group	1	0600	security-protection

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| |__Government-Security-Classification-Group		group	1	0600	government-security-classification
| | |__Government-Security-Classification-Code		field	1	0010	document-security-classification-code
| | |__Classification-Information-Group		group	0:1	0600	classification-information
	If Government security class equals 'U' or 'FOUO' then the Classification information group is blank else the Classification information group is non- blank				
| | | |__Classification-Authority-Text		field	1	0155	document-security-classification-authority-text
| | | |__Classified-Date-Time-Group		group	1	0600	classified-date-time
| | | | |__Date		field	1	0082	document-security-classification-date
| | | | |__Time		field	0:1	0160	document-security-classification-time
| | | |__Access-Restriction-Code		field	0:N	0085	document-security-access-restriction-code
| | | |__Downgrade-Information-Group		group	0:1	0600	downgrade-information
	If Government security class not equal 'U', 'FOUO', 'C', 'NC' or 'NR' then the Downgrade information group is non-blank else the Downgrade information group is blank				
| | | | |__Downgrade-Classification-Code		field	1	0010	document-security-classification-code
| | | | |__Downgrade-Event-Date-Time-Group		choice	1	0600	downgrade-event-date-time
| | | | | |__Downgrade-Date-Time-Group		group	0:1	0600	downgrade-date-time
| | | | | | |__Date		field	1	0082	document-security-classification-downgrade-date
| | | | | | |__Time		field	0:1	0160	document-security-classification-downgrade-time
| | | | | |__Downgrade-Event		field	0:1	0156	document-security-classification-downgrade-process-event-name
| | | |__Declassify-Date-Time-Group		group	1	0600	declassify-date-time
| | | | |__Date		field	1	0082	document-security-declassification-date
| | | | |__Time		field	0:1	0160	document-security-declassification-time
| |__Copyright-Information-Group		group	1	0600	copyright-information-group
| | |__Copyright-Type		field	1	0012	document-copyright-code
| | |__Copyright-Owner-Identification-Group		choice	0:1	0600	copyright-owner-identification
	If Copyright type equal 'N' then element is blank else element is non-blank				
| | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | |__Copyright-Date-Time-Group		group	0:1	0600	copyright-date-time
	If Copyright type equal 'N' then copyright-date-time group is blank else copyright-date-time group is non-blank				
| | | |__Date		field	1	0082	document-copyright-date
| | | |__Time		field	0:1	0160	document-copyright-time
| |__Distribution-Information-Group		group	1	0600	distribution-information
| | |__Distribution-Statement-Code-Group		group	1	0600	distribution-statement-code
| | | |__Distribution-Statement-Code		field	1	0014	document-distribution-statement-code
| | | |__Distribution-Statement-Reason-Code		field	1:N	0015	document-distribution-statement-reason-code
| | |__Distribution-Statement-Information-Group		group	0:1	0600	distribution-statement-information
	If Distribution statement code equal "A" and the Distribution statement reason code equal "00" then the Distribution statement information group is blank else the Distribution statement information group is non-blank				
| | | |__Distribution-Statement-Determination-Date-Time-Group		group	1	0600	distribution-statement-date-time
| | | | |__Date		field	1	0082	document-distribution-restriction-determination-date
| | | | |__Time		field	0:1	0160	document-distribution-restriction-determination-time
| | | |__Distribution-Controlling-Office-Group		group	1	0600	distribution-controlling-office
| | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | |__Distribution-Controlling-Office-Name		field	0:1	0044	document-distribution-controller-enterprise-office-name
| |__Export-Control-Restriction-Code		field	1	0079	document-export-control-code
	If distribution-statement-code equals 'A' then element must be 'N'; If distribution-statement-code equals 'X' then element must be 'Y'.				
| |__Data-Rights-Information-Group		group	1	0600	data-rights-information

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | |__Government-Rights-In-Technical-Data-Code		field	1	0022	technical-document-government-data-rights-code
| | |__Company-Proprietary-Rights-Code		field	1	0084	document-company-proprietary-data-rights-code
	If the Government Rights in Technical Data code equal 'U' then the element is either 'N' or 'S' else the element is 'P'.				
| | |__Company-Name		field	0:1	0170	enterprise-name
	If the Government rights in Technical Data code equal "U" and the Company Proprietary rights code equal "N" then the Company name is blank else the Company name is non-blank				
| | |__Contract-Authorizing-Government-Rights-Group		group	0:1	0600	contract-identifier-information-authorizing-government-rights
	If the Government rights in Technical Data code equal 'U' or 'N' then the element is blank else the element is non-blank.				
| | | |__Data-Rights-Contract-Number		field	1	0266	document-source-assigned-alphanumeric-identifier
| | | |__Data-Rights-Contract-Date-Time-Group		group	1	0600	contact-data-rights-date-time
| | | | |__Date		field	1	0082	contract-date
| | | | |__Time		field	0:1	0160	contract-time
|__Sheet-Management-Group		choice	1	0600	sheet-management
| |__Non-Sheet-Managed-Document-Group		group	0:1	0600	non-sheet-managed-document
| | |__Document-Representation-Group		group	1:N	0600	document-representation
| | | |__Document-Representation-Originator-Group		choice	1	0600	document-representation-originator
| | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | |__Document-Representation-Custodian-Group		choice	1	0600	document-representation-custodian
| | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | |__Document-Representation-Custodian-Office-Name		field	1	0044	document-custodial-enterprise-office-name
| | | |__Document-Representation-Version-Group		group	1	0600	document-representation-version
| | | | |__Version-Identification-Group		field	1	0600	version-identification
| | | | | |__Version-Date-Time-Group		group	1	0600	version-date-time
| | | | | | |__Date		field	1	0082	document-representation-creation-date
| | | | | | |__Time		field	0:1	0160	document-representation-creation-time
| | | | | |__Alphanumeric-Version-Identifier		field	1	0208	document-representation-version-identifier
| | | | |__Version-Status-Group		group	1	0600	version-status
| | | | | |__Version-Status-Code		field	1	0021	document-representation-release-process-disposition-status-code
| | | | | |__Version-Status-Date-Time-Group		group	1	0600	version-status-date-time
| | | | | | |__Date		field	1	0082	document-representation-release-process-disposition-status-date
| | | | | | |__Time		field	0:1	0160	document-representation-release-process-disposition-status-time
| | | |__Document-Representation-Medium-Code		field	1	0326	document-representation-medium-identification-code
| | | |__Document-Representation-Medium-Group		choice	1	0600	representation-medium
| | | |__Digital-Representation-Group		group	0:1	0600	digital-document-representation-information
	If Document representation medium code = 'D' then Digital representation group is non-blank else Digital representation group is blank				
| | | | | |__Digital-Representation-Target-Environment-Type-Code		field	1	0210	document-file-type-code
| | | | | |__Target-Environment-Group		choice	0:1	0600	target-environment
| | | | | | |__Standards-Based-Group		group	0:1	0600	standards-based
	If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'STAND' then element is non-blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'PLANG' then element is blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) is not equal to 'STAND' or 'PLANG', then element may be non-blank.				
| | | | | | | |__Standards-Based-Identifier-Source-Group		choice	1	0600	standards-based-identifier-source
| | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | |__Standards-Based-Document-Identifier		field	1	0266	document-source-assigned-alphanumeric-identifier
| | | | | | | |__Standards-Based-Document-Revision-Group		choice	1	0600	standards-based-document-revision
| | | | | | | | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | | | | | | | | |__Date		field	1	0082	document-revision-generic-date
| | | | | | | | | |__Time		field	0:1	0160	document-revision-generic-time
| | | | | | | | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier
| | | | | | |__Proprietary-Software-Based-Group		group	0:1	0600	proprietary-software-based
	If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'PLANG' then element is non-blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'STAND' then element is blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) is not equal to 'STAND' or 'PLANG', then element may be non-blank.				
| | | | | | | |__Proprietary-Software-Based-Identifier-Source-Group		choice	1	0600	proprietary-software-based-identifier-source
| | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | |__Proprietary-Software-Based-Identifier		field	1	0024	product-identifier
| | | | | |__File-Identification-Group		group	1:N	0600	file-identification
| | | | | | |__File-Identifier		field	1	0206	electronic-document-file-identifier

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | |__File-Identifier-Source-Group		choice	0:1	0600	file-identifier-source
| | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | |__File-Origination-Date-Time-Group		group	1	0600	File-origination-date-time
| | | | | | | |__Date		field	1	0082	electronic-document-file-creation-date
| | | | | | | |__Time		field	1	0160	electronic-document-file-creation-time
| | | | | | |__File-Description		field	0:1	0212	document-file-description-text
| | | | | | |__File-Compression-Method-Code		field	0:1	0214	document-file-compression-method-code
| | | | | | |__File-Type-Group		group	1	0600	file-type
| | | | | | | |__File-Type-Code		field	1	0210	document-file-type-code
| | | | | | | |__File-Type-Information-Group		choice	0:1	0600	file-type-information
| | | | | | | | |__Standards-Based-Group		group	0:1	0600	standards-based
	If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'STAND' then element is non-blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'PLANG' then element is blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) is not equal to 'STAND' or 'PLANG', then element may be non-blank.				
| | | | | | | | | |__Standards-Based-Identifier-Source-Group		choice	1	0600	standards-based-identifier-source
| | | | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | | | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier
| | | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | |__Standards-Based-Document-Identifier		field	1	0266	document-source-assigned-alphanumeric-identifier
| | | | | | | | |__Standards-Based-Document-Revision-Group		choice	1	0600	standards-based-document-revision
| | | | | | | | | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | | | | | | | | | |__Date		field	1	0082	document-revision-generic-date
| | | | | | | | | | |__Time		field	0:1	0160	document-revision-generic-time
| | | | | | | | | | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier
| | | | | | | |__Proprietary-Software-Based-Group		group	0:1	0600	proprietary-software-based
	If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'PLANG' then element is non-blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'STAND' then element is blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) is not equal to 'STAND' or 'PLANG', then element may be non-blank.				
| | | | | | | | |__Proprietary-Software-Based-Identifier-Source-Group		choice	1	0600	proprietary-software-based-identifier-source
| | | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | | |__Proprietary-Software-Based-Identifier		field	1	0024	product-identifier
| | | | | | |__Security-Protection-Group		group	1	0600	security-protection
| | | | | | | |__Government-Security-Classification-Group		group	1	0600	government-security-classification
| | | | | | | | |__Government-Security-Classification-Code		field	1	0010	document-security-classification-code

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | |__Classification-Information-Group		group	0:1	0600	classification-information
	If Government security class equals 'U' or 'FOUO' then the Classification information group is blank else the Classification information group is non- blank				
| | | | | | | | | |__Classification-Authority-Text		field	1	0155	document-security-classification-authority-text
| | | | | | | | | |__Classified-Date-Time-Group		group	1	0600	classified-date-time
| | | | | | | | | | |__Date		field	1	0082	document-security-classification-date
| | | | | | | | | | |__Time		field	0:1	0160	document-security-classification-time
| | | | | | | | | | |__Access-Restriction-Code		field	0:N	0085	document-security-access-restriction-code
| | | | | | | | | | |__Downgrade-Information-Group		group	0:1	0600	downgrade-information
	If Government security class not equal 'U', 'FOUO', 'C', 'NC' or 'NR' then the Downgrade information group is non-blank else the Downgrade information group is blank				
| | | | | | | | | | |__Downgrade-Classification-Code		field	1	0010	document-security-classification-code
| | | | | | | | | | |__Downgrade-Event-Date-Time-Group		choice	1	0600	downgrade-event-date-time
| | | | | | | | | | | |__Downgrade-Date-Time-Group		group	0:1	0600	downgrade-date-time
| | | | | | | | | | | | |__Date		field	1	0082	document-security-classification-downgrade-date
| | | | | | | | | | | | |__Time		field	0:1	0160	document-security-classification-downgrade-time
| | | | | | | | | | | | |__Downgrade-Event		field	0:1	0156	document-security-classification-downgrade-process-event-name
| | | | | | | | | |__Declassify-Date-Time-Group		group	1	0600	declassify-date-time
| | | | | | | | | |__Date		field	1	0082	document-security-declassification-date
| | | | | | | | | |__Time		field	0:1	0160	document-security-declassification-time
| | | | | | | |__Copyright-Information-Group		group	1	0600	copyright-information-group
| | | | | | | |__Copyright-Type		field	1	0012	document-copyright-code
| | | | | | | |__Copyright-Owner-Identification-Group		choice	0:1	0600	copyright-owner-identification
	If Copyright type equal 'N' then element is blank else element is non-blank				
| | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier
| | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | |__Copyright-Date-Time-Group		group	0:1	0600	copyright-date-time
	If Copyright type equal 'N' then copyright-date-time group is blank else copyright-date-time group is non-blank				
| | | | | | | | | |__Date		field	1	0082	document-copyright-date
| | | | | | | | | |__Time		field	0:1	0160	document-copyright-time
| | | | | | | |__Distribution-Information-Group		group	1	0600	distribution-information
| | | | | | | |__Distribution-Statement-Code-Group		group	1	0600	distribution-statement-code
| | | | | | | | |__Distribution-Statement-Code		field	1	0014	document-distribution-statement-code
| | | | | | | | |__Distribution-Statement-Reason-Code		field	1:N	0015	document-distribution-statement-reason-code
| | | | | | | | |__Distribution-Statement-Information-Group		group	0:1	0600	distribution-statement-information
	If Distribution statement code equal "A" and the Distribution statement reason code equal "00" then the Distribution statement information group is blank else the Distribution statement information group is non-blank				
| | | | | | | | | |__Distribution-Statement-Determination-Date-Time-Group		group	1	0600	distribution-statement-date-time
| | | | | | | | | | |__Date		field	1	0082	document-distribution-restriction-determination-date
| | | | | | | | | | |__Time		field	0:1	0160	document-distribution-restriction-determination-time
| | | | | | | | | |__Distribution-Controlling-Office-Group		group	1	0600	distribution-controlling-office
| | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | |__Distribution-Controlling-Office-Name		field	0:1	0044	document-distribution-controller-enterprise-office-name
| | | | | | | |__Export-Control-Restriction-Code		field	1	0079	document-export-control-code
	If distribution-statement-code equals 'A' then element must be 'N'; If distribution-statement-code equals 'X' then element must be 'Y'.				
| | | | | | | |__Data-Rights-Information-Group		group	1	0600	data-rights-information
| | | | | | | |__Government-Rights-In-Technical-Data-Code		field	1	0022	technical-document-government-data-rights-code

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | |__Company-Proprietary-Rights-Code		field	1	0084	document-company-proprietary-data-rights-code
	If the Government Rights in Technical Data code equal 'U' then the element is either 'N' or 'S' else the element is 'P'.				
| | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
	If the Government rights in Technical Data code equal "U" and the Company Proprietary rights code equal "N" then the Company name is blank else the Company name is non-blank				
| | | | | | | | |__Contract-Authorizing-Government-Rights-Group		group	0:1	0600	contract-identifier-information-authorizing-government-rights
	If the Government rights in Technical Data code equal 'U' or 'N' then the element is blank else the element is non-blank.				
| | | | | | | | | |__Data-Rights-Contract-Number		field	1	0266	document-source-assigned-alphanumeric-identifier
| | | | | | | | | |__Data-Rights-Contract-Date-Time-Group		group	1	0600	contact-data-rights-date-time
| | | | | | | | | | |__Date		field	1	0082	contract-date
| | | | | | | | | | |__Time		field	0:1	0160	contract-time
| | | | | | |__File-Information-Group		choice	1	0600	File-information
| | | | | | | |__Imbedded-File-Information-Group		group	0:1	0600	imbedded-file-information
	Imbedded file information group contains the hexa-decimal representation of the file.				
| | | | | | | | |__File-Size-In-Bytes		field	1	0601	file-size-in-bytes
| | | | | | | | |__File		field	1	0601	file
| | | | | | | | |__Computer-Operating-System-Type-Code		field	0:1	0213	computer-operating-system-asset-type-code
| | | | | | | |__CITIS-Access-Information-Group		group	0:1	0600	contractor-integrated-technical-information-service-information
| | | | |__Non-Digital-Representation-Group		group	0:1	0600	non-digital-representation-information
	If Document representation medium identification not equal "D" then Non digital Document representation information group is non-blank else Non digital Document representation information group is blank				
| |__Sheet-Managed-Document-Group		choice	0:1	0600	sheet-managed-document
| | |__Single-Sheet-Group		group	0:1	0600	single-sheet
| | | |__Drawing-Size		field	0:1	0112	document-sheet-size-code
| | | |__Document-Representation-Group		group	1:N	0600	document-representation
| | | | |__Document-Representation-Originator-Group		choice	1	0600	document-representation-originator
| | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | |__Document-Representation-Custodian-Group		choice	1	0600	document-representation-custodian
| | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | |__Document-Representation-Custodian-Office-Name		field	1	0044	document-custodial-enterprise-office-name
| | | | |__Document-Representation-Version-Group		group	1	0600	document-representation-version
| | | | | |__Version-Identification-Group		field	1	0600	version-identification
| | | | | | |__Version-Date-Time-Group		group	1	0600	version-date-time
| | | | | | | |__Date		field	1	0082	document-representation-creation-date
| | | | | | | |__Time		field	0:1	0160	document-representation-creation-time
| | | | | | |__Alphanumeric-Version-Identifier		field	1	0208	document-representation-version-identifier
| | | | | |__Version-Status-Group		group	1	0600	version-status
| | | | | | |__Version-Status-Code		field	1	0021	document-representation-release-process-disposition-status-code
| | | | | | |__Version-Status-Date-Time-Group		group	1	0600	version-status-date-time
| | | | | | | |__Date		field	1	0082	document-representation-release-process-disposition-status-date
| | | | | | | |__Time		field	0:1	0160	document-representation-release-process-disposition-status-time
| | | | |__Document-Representation-Medium-Code		field	1	0326	document-representation-medium-identification-code
| | | | |__Document-Representation-Medium-Group		choice	1	0600	representation-medium
| | | | | |__Digital-Representation-Group		group	0:1	0600	digital-document-representation-information
	If Document representation medium code = 'D' then Digital representation group is non-blank else Digital representation group is blank				
| | | | | | |__Digital-Representation-Target-Environment-Type-Code		field	1	0210	document-file-type-code

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | |__Target-Environment-Group		choice	0:1	0600	target-environment
| | | | | | | |__Standards-Based-Group		group	0:1	0600	standards-based
	If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'STAND' then element is non-blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'PLANG' then element is blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) is not equal to 'STAND' or 'PLANG', then element may be non-blank.				
| | | | | | | | |__Standards-Based-Identifier-Source-Group		choice	1	0600	standards-based-identifier-source
| | | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier
| | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | |__Standards-Based-Document-Identifier		field	1	0266	document-source-assigned-alphanumeric-identifier
| | | | | | | | |__Standards-Based-Document-Revision-Group		choice	1	0600	standards-based-document-revision
| | | | | | | | | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | | | | | | | | | |__Date		field	1	0082	document-revision-generic-date
| | | | | | | | | | |__Time		field	0:1	0160	document-revision-generic-time
| | | | | | | | | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier
| | | | | | | |__Proprietary-Software-Based-Group		group	0:1	0600	proprietary-software-based
	If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'PLANG' then element is non-blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'STAND' then element is blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) is not equal to 'STAND' or 'PLANG', then element may be non-blank.				
| | | | | | | | |__Proprietary-Software-Based-Identifier-Source-Group		choice	1	0600	proprietary-software-based-identifier-source
| | | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | |__Proprietary-Software-Based-Identifier		field	1	0024	product-identifier
| | | | | | |__File-Identification-Group		group	1:N	0600	file-identification
| | | | | | | |__File-Identifier		field	1	0206	electronic-document-file-identifier
| | | | | | | |__File-Identifier-Source-Group		choice	0:1	0600	file-identifier-source
| | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | |__File-Origination-Date-Time-Group		group	1	0600	File-origination-date-time
| | | | | | | |__Date		field	1	0082	electronic-document-file-creation-date
| | | | | | | |__Time		field	1	0160	electronic-document-file-creation-time
| | | | | | | |__File-Description		field	0:1	0212	document-file-description-text
| | | | | | | |__File-Compression-Method-Code		field	0:1	0214	document-file-compression-method-code
| | | | | | | |__File-Type-Group		group	1	0600	file-type
| | | | | | | | |__File-Type-Code		field	1	0210	document-file-type-code
| | | | | | | | |__File-Type-Information-Group		choice	0:1	0600	file-type-information

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | |__Standards-Based-Group		group	0:1	0600	standards-based
	If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'STAND' then element is non-blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'PLANG' then element is blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) is not equal to 'STAND' or 'PLANG', then element may be non-blank.				
| | | | | | | | | | |__Standards-Based-Identifier-Source-Group		choice	1	0600	standards-based-identifier-source
| | | | | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | | | | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier
| | | | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | | | |__Standards-Based-Document-Identifier		field	1	0266	document-source-assigned-alphanumeric-identifier
| | | | | | | | | | |__Standards-Based-Document-Revision-Group		choice	1	0600	standards-based-document-revision
| | | | | | | | | | | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | | | | | | | | | | | |__Date		field	1	0082	document-revision-generic-date
| | | | | | | | | | | | |__Time		field	0:1	0160	document-revision-generic-time
| | | | | | | | | | | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier
| | | | | | | | | |__Proprietary-Software-Based-Group		group	0:1	0600	proprietary-software-based
	If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'PLANG' then element is non-blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'STAND' then element is blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) is not equal to 'STAND' or 'PLANG', then element may be non-blank.				
| | | | | | | | | | |__Proprietary-Software-Based-Identifier-Source-Group		choice	1	0600	proprietary-software-based-identifier-source
| | | | | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | | | |__Proprietary-Software-Based-Identifier		field	1	0024	product-identifier
| | | | | | | |__Security-Protection-Group		group	1	0600	security-protection
| | | | | | | | |__Government-Security-Classification-Group		group	1	0600	government-security-classification
| | | | | | | | | |__Government-Security-Classification-Code		field	1	0010	document-security-classification-code
| | | | | | | | | |__Classification-Information-Group		group	0:1	0600	classification-information
	If Government security class equals 'U' or 'FOUO' then the Classification information group is blank else the Classification information group is non- blank				
| | | | | | | | | | |__Classification-Authority-Text		field	1	0155	document-security-classification-authority-text
| | | | | | | | | | |__Classified-Date-Time-Group		group	1	0600	classified-date-time
| | | | | | | | | | | |__Date		field	1	0082	document-security-classification-date
| | | | | | | | | | | |__Time		field	0:1	0160	document-security-classification-time
| | | | | | | | | | | |__Access-Restriction-Code		field	0:N	0085	document-security-access-restriction-code
| | | | | | | | | | | |__Downgrade-Information-Group		group	0:1	0600	downgrade-information
	If Government security class not equal 'U', 'FOUO', 'C', 'NC' or 'NR' then the Downgrade information group is non-blank else the Downgrade information group is blank				
| | | | | | | | | | | | |__Downgrade-Classification-Code		field	1	0010	document-security-classification-code
| | | | | | | | | | | | |__Downgrade-Event-Date-Time-Group		choice	1	0600	downgrade-event-date-time
| | | | | | | | | | | | | |__Downgrade-Date-Time-Group		group	0:1	0600	downgrade-date-time
| | | | | | | | | | | | | | |__Date		field	1	0082	document-security-classification-downgrade-date
| | | | | | | | | | | | | | |__Time		field	0:1	0160	document-security-classification-downgrade-time
| | | | | | | | | | | | | |__Downgrade-Event		field	0:1	0156	document-security-classification-downgrade-process-event-name
| | | | | | | | | | | |__Declassify-Date-Time-Group		group	1	0600	declassify-date-time
| | | | | | | | | | | |__Date		field	1	0082	document-security-declassification-date
| | | | | | | | | | | |__Time		field	0:1	0160	document-security-declassification-time
| | | | | | | | |__Copyright-Information-Group		group	1	0600	copyright-information-group

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | |__Copyright-Type		field	1	0012	document-copyright-code
| | | | | | | | | |__Copyright-Owner-Identification-Group	If Copyright type equal 'N' then element is blank else element is non-blank	choice	0:1	0600	copyright-owner-identification
| | | | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | | | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier
| | | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | | |__Copyright-Date-Time-Group	If Copyright type equal 'N' then copyright-date-time group is blank else copyright-date-time group is non-blank	group	0:1	0600	copyright-date-time
| | | | | | | | | | |__Date		field	1	0082	document-copyright-date
| | | | | | | | | | |__Time		field	0:1	0160	document-copyright-time
| | | | | | | | |__Distribution-Information-Group		group	1	0600	distribution-information
| | | | | | | | | |__Distribution-Statement-Code-Group		group	1	0600	distribution-statement-code
| | | | | | | | | | |__Distribution-Statement-Code		field	1	0014	document-distribution-statement-code
| | | | | | | | | | |__Distribution-Statement-Reason-Code		field	1:N	0015	document-distribution-statement-reason-code
| | | | | | | | | | |__Distribution-Statement-Information-Group	If Distribution statement code equal "A" and the Distribution statement reason code equal "00" then the Distribution statement information group is blank else the Distribution statement information group is non-blank	group	0:1	0600	distribution-statement-information
| | | | | | | | | | |__Distribution-Statement-Determination-Date-Time-Group		group	1	0600	distribution-statement-date-time
| | | | | | | | | | | |__Date		field	1	0082	document-distribution-restriction-determination-date
| | | | | | | | | | | |__Time		field	0:1	0160	document-distribution-restriction-determination-time
| | | | | | | | | | |__Distribution-Controlling-Office-Group		group	1	0600	distribution-controlling-office
| | | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | |__Distribution-Controlling-Office-Name		field	0:1	0044	document-distribution-controller-enterprise-office-name
| | | | | | | | |__Export-Control-Restriction-Code		field	1	0079	document-export-control-code
	If distribution-statement-code equals 'A' then element must be 'N'; If distribution-statement-code equals 'X' then element must be 'Y'.				
| | | | | | | | |__Data-Rights-Information-Group		group	1	0600	data-rights-information
| | | | | | | | |__Government-Rights-In-Technical-Data-Code		field	1	0022	technical-document-government-data-rights-code
| | | | | | | | |__Company-Proprietary-Rights-Code		field	1	0084	document-company-proprietary-data-rights-code
	If the Government Rights in Technical Data code equal 'U' then the element is either 'N' or 'S' else the element is 'P'.				
| | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
	If the Government rights in Technical Data code equal "U" and the Company Proprietary rights code equal "N" then the Company name is blank else the Company name is non-blank				
| | | | | | | | |__Contract-Authorizing-Government-Rights-Group		group	0:1	0600	contract-identifier-information-authorizing-government-rights
	If the Government rights in Technical Data code equal 'U' or 'N' then the element is blank else the element is non-blank.				
| | | | | | | | | |__Data-Rights-Contract-Number		field	1	0266	document-source-assigned-alphanumeric-identifier
| | | | | | | | | |__Data-Rights-Contract-Date-Time-Group		group	1	0600	contact-data-rights-date-time
| | | | | | | | | | |__Date		field	1	0082	contract-date
| | | | | | | | | | |__Time		field	0:1	0160	contract-time
| | | | | | |__File-Information-Group		choice	1	0600	File-information
| | | | | | | |__Imbedded-File-Information-Group		group	0:1	0600	imbedded-file-information
	Imbedded file information group contains the hexa-decimal representation of the file.				
| | | | | | | | |__File-Size-In-Bytes		field	1	0601	file-size-in-bytes
| | | | | | | | |__File		field	1	0601	file
| | | | | | | | |__Computer-Operating-System-Type-Code		field	0:1	0213	computer-operating-system-asset-type-code
| | | | | | | |__CITIS-Access-Information-Group		group	0:1	0600	contractor-integrated-technical-information-service-information
| | | | |__Non-Digital-Representation-Group		group	0:1	0600	non-digital-representation-information
	If Document representation medium identification not equal "D" then Non digital Document representation information group is non-blank else Non digital Document representation information group is blank				
| | |__Multi-Sheet-Group		group	0:1	0600	multi-sheet
| | | |__Total-Sheets		field	1	0110	document-sheet-total-quantity

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | |__Sheets-Group		group	2:N	0600	sheets
| | | | |__Sheet-Number		field	1	0026	document-sheet-identifier
| | | | |__Drawing-Size		field	0:1	0112	document-sheet-size-code
| | | | |__Sheet-Revision-Group		choice	1	0600	sheet-revision
| | | | | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | | | | | |__Date		field	1	0082	document-revision-generic-date
| | | | | | |__Time		field	0:1	0160	document-revision-generic-time
| | | | | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier
| | | | |__Document-Representation-Group		group	1:N	0600	document-representation
| | | | | |__Document-Representation-Originator-Group		choice	1	0600	document-representation-originator
| | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | |__Document-Representation-Custodian-Group		choice	1	0600	document-representation-custodian
| | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | |__Document-Representation-Custodian-Office-Name		field	1	0044	document-custodial-enterprise-office-name
| | | | | |__Document-Representation-Version-Group		group	1	0600	document-representation-version

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | |__Version-Identification-Group		field	1	0600	version-identification
| | | | | | | |__Version-Date-Time-Group		group	1	0600	version-date-time
| | | | | | | | |__Date		field	1	0082	document-representation-creation-date
| | | | | | | | |__Time		field	0:1	0160	document-representation-creation-time
| | | | | | | |__Alphanumeric-Version-Identifier		field	1	0208	document-representation-version-identifier
| | | | | | |__Version-Status-Group		group	1	0600	version-status
| | | | | | | |__Version-Status-Code		field	1	0021	document-representation-release-process-disposition-status-code
| | | | | | | |__Version-Status-Date-Time-Group		group	1	0600	version-status-date-time
| | | | | | | | |__Date		field	1	0082	document-representation-release-process-disposition-status-date
| | | | | | | | |__Time		field	0:1	0160	document-representation-release-process-disposition-status-time
| | | | | |__Document-Representation-Medium-Code		field	1	0326	document-representation-medium-identification-code
| | | | | |__Document-Representation-Medium-Group		choice	1	0600	representation-medium
| | | | | | |__Digital-Representation-Group		group	0:1	0600	digital-document-representation-information
	If Document representation medium code = 'D' then Digital representation group is non-blank else Digital representation group is blank				
| | | | | | | |__Digital-Representation-Target-Environment-Type-Code		field	1	0210	document-file-type-code
| | | | | | | |__Target-Environment-Group		choice	0:1	0600	target-environment
| | | | | | | | |__Standards-Based-Group		group	0:1	0600	standards-based
	If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'STAND' then element is non-blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'PLANG' then element is blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) is not equal to 'STAND' or 'PLANG', then element may be non-blank.				
| | | | | | | | | |__Standards-Based-Identifier-Source-Group		choice	1	0600	standards-based-identifier-source
| | | | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | | | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier
| | | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | | |__Standards-Based-Document-Identifier		field	1	0266	document-source-assigned-alphanumeric-identifier
| | | | | | | | | |__Standards-Based-Document-Revision-Group		choice	1	0600	standards-based-document-revision
| | | | | | | | | | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | | | | | | | | | | |__Date		field	1	0082	document-revision-generic-date
| | | | | | | | | | | |__Time		field	0:1	0160	document-revision-generic-time
| | | | | | | | | | | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier
| | | | | | | | |__Proprietary-Software-Based-Group		group	0:1	0600	proprietary-software-based
	If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'PLANG' then element is non-blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'STAND' then element is blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) is not equal to 'STAND' or 'PLANG', then element may be non-blank.				
| | | | | | | | | | |__Proprietary-Software-Based-Identifier-Source-Group		choice	1	0600	proprietary-software-based-identifier-source
| | | | | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | | |__Proprietary-Software-Based-Identifier		field	1	0024	product-identifier
| | | | | | | |__File-Identification-Group		group	1:N	0600	file-identification
| | | | | | | | |__File-Identifier		field	1	0206	electronic-document-file-identifier
| | | | | | | | |__File-Identifier-Source-Group		choice	0:1	0600	file-identifier-source
| | | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | |__File-Origination-Date-Time-Group		group	1	0600	File-origination-date-time
| | | | | | | | |__Date		field	1	0082	electronic-document-file-creation-date
| | | | | | | | |__Time		field	1	0160	electronic-document-file-creation-time
| | | | | | | | |__File-Description		field	0:1	0212	document-file-description-text
| | | | | | | | |__File-Compression-Method-Code		field	0:1	0214	document-file-compression-method-code
| | | | | | | | |__File-Type-Group		group	1	0600	file-type
| | | | | | | | | |__File-Type-Code		field	1	0210	document-file-type-code
| | | | | | | | | |__File-Type-Information-Group		choice	0:1	0600	file-type-information
| | | | | | | | | | |__Standards-Based-Group		group	0:1	0600	standards-based
	If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'STAND' then element is non-blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'PLANG' then element is blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) is not equal to 'STAND' or 'PLANG', then element may be non-blank.				
| | | | | | | | | | | |__Standards-Based-Identifier-Source-Group		choice	1	0600	standards-based-identifier-source
| | | | | | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | | | | | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier
| | | | | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | | | |__Standards-Based-Document-Identifier		field	1	0266	document-source-assigned-alphanumeric-identifier
| | | | | | | | | | | |__Standards-Based-Document-Revision-Group		choice	1	0600	standards-based-document-revision
| | | | | | | | | | | | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | | | | | | | | | | | | |__Date		field	1	0082	document-revision-generic-date
| | | | | | | | | | | | | |__Time		field	0:1	0160	document-revision-generic-time
| | | | | | | | | | | | | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier
| | | | | | | | | | | |__Proprietary-Software-Based-Group		group	0:1	0600	proprietary-software-based
	If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'PLANG' then element is non-blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'STAND' then element is blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) is not equal to 'STAND' or 'PLANG', then element may be non-blank.				
| | | | | | | | | | | | |__Proprietary-Software-Based-Identifier-Source-Group		choice	1	0600	proprietary-software-based-identifier-source
| | | | | | | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | | | | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | | | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | | | | | |__Proprietary-Software-Based-Identifier		field	1	0024	product-identifier
| | | | | | | | |__Security-Protection-Group		group	1	0600	security-protection
| | | | | | | | | |__Government-Security-Classification-Group		group	1	0600	government-security-classification
| | | | | | | | | | |__Government-Security-Classification-Code		field	1	0010	document-security-classification-code
| | | | | | | | | | |__Classification-Information-Group		group	0:1	0600	classification-information
	If Government security class equals 'U' or 'FOUO' then the Classification information group is blank else the Classification information group is non- blank				
| | | | | | | | | | | |__Classification-Authority-Text		field	1	0155	document-security-classification-authority-text
| | | | | | | | | | | |__Classified-Date-Time-Group		group	1	0600	classified-date-time
| | | | | | | | | | | | |__Date		field	1	0082	document-security-classification-date

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | | | | |__Time		field	0:1	0160	document-security-classification-time
| | | | | | | | | | | | |__Access-Restriction-Code		field	0:N	0085	document-security-access-restriction-code
| | | | | | | | | | | | |__Downgrade-Information-Group		group	0:1	0600	downgrade-information
	If Government security class not equal 'U', 'FOUO', 'C', 'NC' or 'NR' then the Downgrade information group is non-blank else the Downgrade information group is blank				
| | | | | | | | | | | | |__Downgrade-Classification-Code		field	1	0010	document-security-classification-code
| | | | | | | | | | | | |__Downgrade-Event-Date-Time-Group		choice	1	0600	downgrade-event-date-time
| | | | | | | | | | | | | |__Downgrade-Date-Time-Group		group	0:1	0600	downgrade-date-time
| | | | | | | | | | | | | | |__Date		field	1	0082	document-security-classification-downgrade-date
| | | | | | | | | | | | | | |__Time		field	0:1	0160	document-security-classification-downgrade-time
| | | | | | | | | | | | | | |__Downgrade-Event		field	0:1	0156	document-security-classification-downgrade-process-event-name
| | | | | | | | | | | | |__Declassify-Date-Time-Group		group	1	0600	declassify-date-time
| | | | | | | | | | | | |__Date		field	1	0082	document-security-declassification-date
| | | | | | | | | | | | |__Time		field	0:1	0160	document-security-declassification-time
| | | | | | | | | |__Copyright-Information-Group		group	1	0600	copyright-information-group
| | | | | | | | | |__Copyright-Type		field	1	0012	document-copyright-code
| | | | | | | | | |__Copyright-Owner-Identification-Group		choice	0:1	0600	copyright-owner-identification
	If Copyright type equal 'N' then element is blank else element is non-blank				
| | | | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier
| | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | | |__Copyright-Date-Time-Group		group	0:1	0600	copyright-date-time
	If Copyright type equal 'N' then copyright-date-time group is blank else copyright-date-time group is non-blank				

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | | | |__Date		field	1	0082	document-copyright-date
| | | | | | | | | | | |__Time		field	0:1	0160	document-copyright-time
| | | | | | | | | |__Distribution-Information-Group		group	1	0600	distribution-information
| | | | | | | | | |__Distribution-Statement-Code-Group		group	1	0600	distribution-statement-code
| | | | | | | | | | |__Distribution-Statement-Code		field	1	0014	document-distribution-statement-code
| | | | | | | | | | |__Distribution-Statement-Reason-Code		field	1:N	0015	document-distribution-statement-reason-code
| | | | | | | | | | |__Distribution-Statement-Information-Group		group	0:1	0600	distribution-statement-information
	If Distribution statement code equal "A" and the Distribution statement reason code equal "00" then the Distribution statement information group is blank else the Distribution statement information group is non-blank				
| | | | | | | | | | | |__Distribution-Statement-Determination-Date-Time-Group		group	1	0600	distribution-statement-date-time
| | | | | | | | | | | | |__Date		field	1	0082	document-distribution-restriction-determination-date
| | | | | | | | | | | | |__Time		field	0:1	0160	document-distribution-restriction-determination-time
| | | | | | | | | | | |__Distribution-Controlling-Office-Group		group	1	0600	distribution-controlling-office
| | | | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | | |__Distribution-Controlling-Office-Name		field	0:1	0044	document-distribution-controller-enterprise-office-name
| | | | | | | | |__Export-Control-Restriction-Code		field	1	0079	document-export-control-code
	If distribution-statement-code equals 'A' then element must be 'N'; If distribution-statement-code equals 'X' then element must be 'Y'.				
| | | | | | | | | |__Data-Rights-Information-Group		group	1	0600	data-rights-information
| | | | | | | | | |__Government-Rights-In-Technical-Data-Code		field	1	0022	technical-document-government-data-rights-code
| | | | | | | | | |__Company-Proprietary-Rights-Code		field	1	0084	document-company-proprietary-data-rights-code
	If the Government Rights in Technical Data code equal 'U' then the element is either 'N' or 'S' else the element is 'P'.				
| | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
	If the Government rights in Technical Data code equal "U" and the Company Proprietary rights code equal "N" then the Company name is blank else the Company name is non-blank				
| | | | | | | | | |__Contract-Authorizing-Government-Rights-Group		group	0:1	0600	contract-identifier-information-authorizing-government-rights
	If the Government rights in Technical Data code equal 'U' or 'N' then the element is blank else the element is non-blank.				

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | | | |__Data-Rights-Contract-Number		field	1	0266	document-source-assigned-alphanumeric-identifier
| | | | | | | | | | | |__Data-Rights-Contract-Date-Time-Group		group	1	0600	contact-data-rights-date-time
| | | | | | | | | | | | |__Date		field	1	0082	contract-date
| | | | | | | | | | | | |__Time		field	0:1	0160	contract-time
| | | | | | | | |__File-Information-Group		choice	1	0600	File-information
| | | | | | | | | |__Imbedded-File-Information-Group	Imbedded file information group contains the hexa-decimal representation of the file.	group	0:1	0600	imbedded-file-information
| | | | | | | | | | |__File-Size-In-Bytes		field	1	0601	file-size-in-bytes
| | | | | | | | | | |__File		field	1	0601	file
| | | | | | | | | | |__Computer-Operating-System-Type-Code		field	0:1	0213	computer-operating-system-asset-type-code
| | | | | | | | | |__CITIS-Access-Information-Group		group	0:1	0600	contractor-integrated-technical-information-service-information
| | | | | | |__Non-Digital-Representation-Group	If Document representation medium identification not equal "D" then Non digital Document representation information group is non-blank else Non digital Document representation information group is blank	group	0:1	0600	non-digital-representation-information

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
Data Information Packet Name: Technical-Manual					
|__Base-Document-Identification-Group		group	1:N	0600	base-document-identification
| |__Document-Identifier-Source-Group		choice	1	0600	document-identifier-source
| | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | |__Company-Name		field	0:1	0170	enterprise-name
| | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| |__Document-Identifier		field	1	0266	document-source-assigned-alphanumeric-identifier
|__Document-Revision-Group		group	1	0600	document-revision
| |__Revision-Identification-Group		choice	1	0600	revision-identification
| | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | | |__Date		field	1	0082	document-revision-generic-date
| | | |__Time		field	0:1	0160	document-revision-generic-time
| | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier
| |__Revision-Status-Group		group	1	0600	document-revision-status
| | |__Revision-Status-Code		field	1	0021	document-revision-approval-process-disposition-status-code
| | |__Revision-Status-Date-Time-Group		group	1	0600	document-revision-status-date-time
| | | |__Date		field	1	0082	document-revision-approval-process-disposition-status-date
| | | |__Time		field	0:1	0160	document-revision-approval-process-disposition-status-time
|__Document-Title		field	1	0008	document-name
|__Document-Preparation-Date-Time-Group		group	0:1	0600	document-preparation-date-time
| |__Date		field	1	0082	document-preparation-date

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| |__Time		field	0:1	0160	document-preparation-time
|__Technical-Manual-Iteration-Type-Code		field	1	0196	technical-manual-document-iteration-type-code
|__Special-Condition-Code		field	0:N	0257	engineering-document-special-condition-code
|__Hazardous-Material-Code		field	0:1	0078	supply-item-hazardous-material-code
|__Document-Compliance-Indicator-Group		group	1	0600	document-compliance-indicator
| |__Document-Compliance-Indicator-Code		field	1	0143	document-format-compliance-indicator-code
| |__DoD-Component-Identifier-Code	If 'Document compliance indicator code' = 'D', then element must be non-blank.	field	0:1	0002	united-states-defense-component-enterprise-acronym-identification-code
| |__Navy-Command-Identifier-Code	If 'DoD-Component-Identifier-Code' = 'USN', then element must be non-blank.	field	0:1	0002	enterprise-acronym-identification-code
|__CDCA-Group		group	1	0600	current-document-change-authority
| |__CDCA-Identification-Group		group	1	0600	current-document-change-authority-identification
| | |__CDCA-Identifier-Group		choice	1	0600	current-document-change-authority-identifier
| | | |__Company-Name		field	0:1	0170	enterprise-name
| | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | |__CDCA-Office-Name		field	0:1	0044	current-document-design-control-enterprise-office-name
| |__CDCA-Effective-Date-Time-Group		group	0:1	0600	current-document-change-authority-effective-date-time
| | |__Date		field	1	0082	document-change-control-authority-effective-date
| | |__Time		field	0:1	0160	document-change-control-authority-effective-time
|__Maintained-Part-Identification-Group		group	0:N	0600	maintained-part-identification
| |__Part-Identifier-Source-Group		choice	1	0600	product-identifier-source
| | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | |__Company-Name		field	0:1	0170	enterprise-name
| | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| |__Part-Identifier-Group		group	1	0600	part-identifier
| | |__Part-Number		field	1	0024	product-identifier
| | |__Part-Parameters-Group		group	0:N	0600	part-parameters
| | | |__Part-Classification-Code		field	1	0036	part-classification-type-code
| | | |__Part-Classification-Value		field	1	0037	part-classification-type-value
|__Related-Document-Group		group	0:N	0600	related-document
| |__Related-Document-Relationship-Type	Must be either 'RD' or 'IA'	field	1	0048	relationship-type
| |__Related-Document-Identifier-Source-Group		choice	1	0600	related-document-identifier-source
| | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | |__Company-Name		field	0:1	0170	enterprise-name
| | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| |__Related-Document-Identifier		field	1	0266	document-source-assigned-alphanumeric-identifier
| |__Related-Document-Revision-Identification-Group		choice	0:1	0600	related-document-revision-identification
| | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | | |__Date		field	1	0082	document-revision-generic-date
| | | |__Time		field	0:1	0160	document-revision-generic-time

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier
|__Security-Protection-Group		group	1	0600	security-protection
| |__Government-Security-Classification-Group		group	1	0600	government-security-classification
| | |__Government-Security-Classification-Code		field	1	0010	document-security-classification-code
| | |__Classification-Information-Group		group	0:1	0600	classification-information
	If Government security class equals 'U' or 'FOUO' then the Classification information group is blank else the Classification information group is non- blank				
| | | |__Classification-Authority-Text		field	1	0155	document-security-classification-authority-text
| | | |__Classified-Date-Time-Group		group	1	0600	classified-date-time
| | | | |__Date		field	1	0082	document-security-classification-date
| | | | |__Time		field	0:1	0160	document-security-classification-time
| | | |__Access-Restriction-Code		field	0:N	0085	document-security-access-restriction-code
| | | |__Downgrade-Information-Group		group	0:1	0600	downgrade-information
	If Government security class not equal 'U', 'FOUO', 'C', 'NC' or 'NR' then the Downgrade information group is non-blank else the Downgrade information group is blank				
| | | | |__Downgrade-Classification-Code		field	1	0010	document-security-classification-code
| | | | |__Downgrade-Event-Date-Time-Group		choice	1	0600	downgrade-event-date-time
| | | | | |__Downgrade-Date-Time-Group		group	0:1	0600	downgrade-date-time
| | | | | | |__Date		field	1	0082	document-security-classification-downgrade-date
| | | | | | |__Time		field	0:1	0160	document-security-classification-downgrade-time
| | | | | |__Downgrade-Event		field	0:1	0156	document-security-classification-downgrade-process-event-name
| | | |__Declassify-Date-Time-Group		group	1	0600	declassify-date-time
| | | | |__Date		field	1	0082	document-security-declassification-date
| | | | |__Time		field	0:1	0160	document-security-declassification-time
| |__Copyright-Information-Group		group	1	0600	copyright-information-group
| | |__Copyright-Type		field	1	0012	document-copyright-code
| | |__Copyright-Owner-Identification-Group		choice	0:1	0600	copyright-owner-identification
	If Copyright type equal 'N' then element is blank else element is non-blank				
| | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier
| | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | |__Copyright-Date-Time-Group		group	0:1	0600	copyright-date-time
	If Copyright type equal 'N' then copyright-date-time group is blank else copyright-date-time group is non-blank				
| | | |__Date		field	1	0082	document-copyright-date
| | | |__Time		field	0:1	0160	document-copyright-time
| |__Distribution-Information-Group		group	1	0600	distribution-information
| | |__Distribution-Statement-Code-Group		group	1	0600	distribution-statement-code
| | | |__Distribution-Statement-Code		field	1	0014	document-distribution-statement-code
| | | |__Distribution-Statement-Reason-Code		field	1:N	0015	document-distribution-statement-reason-code
| | |__Distribution-Statement-Information-Group		group	0:1	0600	distribution-statement-information
	If Distribution statement code equal "A" and the Distribution statement reason code equal "00" then the Distribution statement information group is blank else the Distribution statement information group is non-blank				
| | | |__Distribution-Statement-Determination-Date-Time-Group		group	1	0600	distribution-statement-date-time
| | | | |__Date		field	1	0082	document-distribution-restriction-determination-date
| | | | |__Time		field	0:1	0160	document-distribution-restriction-determination-time
| | | |__Distribution-Controlling-Office-Group		group	1	0600	distribution-controlling-office
| | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | |__Distribution-Controlling-Office-Name		field	0:1	0044	document-distribution-controller-enterprise-office-name

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| |__Export-Control-Restriction-Code		field	1	0079	document-export-control-code
	If distribution-statement-code equals 'A' then element must be 'N'; If distribution-statement-code equals 'X' then element must be 'Y'.				
| |__Data-Rights-Information-Group		group	1	0600	data-rights-information
| | |__Government-Rights-In-Technical-Data-Code		field	1	0022	technical-document-government-data-rights-code
| | |__Company-Proprietary-Rights-Code		field	1	0084	document-company-proprietary-data-rights-code
	If the Government Rights in Technical Data code equal 'U' then the element is either 'N' or 'S' else the element is 'P'.				
| | |__Company-Name		field	0:1	0170	enterprise-name
	If the Government rights in Technical Data code equal "U" and the Company Proprietary rights code equal "N" then the Company name is blank else the Company name is non-blank				
| | |__Contract-Authorizing-Government-Rights-Group		group	0:1	0600	contract-identifier-information-authorizing-government-rights
	If the Government rights in Technical Data code equal 'U' or 'N' then the element is blank else the element is non-blank.				
| | | |__Data-Rights-Contract-Number		field	1	0266	document-source-assigned-alphanumeric-identifier
| | | |__Data-Rights-Contract-Date-Time-Group		group	1	0600	contact-data-rights-date-time
| | | | |__Date		field	1	0082	contract-date
| | | | |__Time		field	0:1	0160	contract-time
|__Sheet-Management-Group		choice	1	0600	sheet-management
| |__Non-Sheet-Managed-Document-Group		group	0:1	0600	non-sheet-managed-document
| | |__Document-Representation-Group		group	1:N	0600	document-representation
| | | |__Document-Representation-Originator-Group		choice	1	0600	document-representation-originator
| | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | |__Document-Representation-Custodian-Group		choice	1	0600	document-representation-custodian

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | |__Document-Representation-Custodian-Office-Name		field	1	0044	document-custodial-enterprise-office-name
| | | |__Document-Representation-Version-Group		group	1	0600	document-representation-version
| | | | |__Version-Identification-Group		field	1	0600	version-identification
| | | | | |__Version-Date-Time-Group		group	1	0600	version-date-time
| | | | | | |__Date		field	1	0082	document-representation-creation-date
| | | | | | |__Time		field	0:1	0160	document-representation-creation-time
| | | | | |__Alphanumeric-Version-Identifier		field	1	0208	document-representation-version-identifier
| | | | |__Version-Status-Group		group	1	0600	version-status
| | | | | |__Version-Status-Code		field	1	0021	document-representation-release-process-disposition-status-code
| | | | | |__Version-Status-Date-Time-Group		group	1	0600	version-status-date-time
| | | | | | |__Date		field	1	0082	document-representation-release-process-disposition-status-date
| | | | | | |__Time		field	0:1	0160	document-representation-release-process-disposition-status-time
| | | |__Document-Representation-Medium-Code		field	1	0326	document-representation-medium-identification-code
| | | |__Document-Representation-Medium-Group		choice	1	0600	representation-medium
| | | | |__Digital-Representation-Group		group	0:1	0600	digital-document-representation-information
	If Document representation medium code = 'D' then Digital representation group is non-blank else Digital representation group is blank				
| | | | | |__Digital-Representation-Target-Environment-Type-Code		field	1	0210	document-file-type-code
| | | | | |__Target-Environment-Group		choice	0:1	0600	target-environment
| | | | | | |__Standards-Based-Group		group	0:1	0600	standards-based
	If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'STAND' then element is non-blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'PLANG' then element is blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) is not equal to 'STAND' or 'PLANG', then element may be non-blank.				
| | | | | | | |__Standards-Based-Identifier-Source-Group		choice	1	0600	standards-based-identifier-source
| | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier
| | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | |__Standards-Based-Document-Identifier		field	1	0266	document-source-assigned-alphanumeric-identifier
| | | | | | | |__Standards-Based-Document-Revision-Group		choice	1	0600	standards-based-document-revision
| | | | | | | | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | | | | | | | | |__Date		field	1	0082	document-revision-generic-date
| | | | | | | | | |__Time		field	0:1	0160	document-revision-generic-time
| | | | | | | | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier
| | | | | | |__Proprietary-Software-Based-Group		group	0:1	0600	proprietary-software-based
	If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'PLANG' then element is non-blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'STAND' then element is blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) is not equal to 'STAND' or 'PLANG', then element may be non-blank.				
| | | | | | | |__Proprietary-Software-Based-Identifier-Source-Group		choice	1	0600	proprietary-software-based-identifier-source
| | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | |__Proprietary-Software-Based-Identifier		field	1	0024	product-identifier
| | | | | |__File-Identification-Group		group	1:N	0600	file-identification
| | | | | | |__File-Identifier		field	1	0206	electronic-document-file-identifier
| | | | | | |__File-Identifier-Source-Group		choice	0:1	0600	file-identifier-source
| | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | |__File-Origination-Date-Time-Group		group	1	0600	File-origination-date-time
| | | | | | | |__Date		field	1	0082	electronic-document-file-creation-date
| | | | | | | |__Time		field	1	0160	electronic-document-file-creation-time
| | | | | | |__File-Description		field	0:1	0212	document-file-description-text
| | | | | | |__File-Compression-Method-Code		field	0:1	0214	document-file-compression-method-code
| | | | | | |__File-Type-Group		group	1	0600	file-type
| | | | | | | |__File-Type-Code		field	1	0210	document-file-type-code
| | | | | | | |__File-Type-Information-Group		choice	0:1	0600	file-type-information
| | | | | | | | |__Standards-Based-Group		group	0:1	0600	standards-based
	If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'STAND' then element is non-blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'PLANG' then element is blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) is not equal to 'STAND' or 'PLANG', then element may be non-blank.				
| | | | | | | | | |__Standards-Based-Identifier-Source-Group		choice	1	0600	standards-based-identifier-source
| | | | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | | | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier
| | | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | | |__Standards-Based-Document-Identifier		field	1	0266	document-source-assigned-alphanumeric-identifier
| | | | | | | | | |__Standards-Based-Document-Revision-Group		choice	1	0600	standards-based-document-revision
| | | | | | | | | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | | | | | | | | | | |__Date		field	1	0082	document-revision-generic-date
| | | | | | | | | | | |__Time		field	0:1	0160	document-revision-generic-time
| | | | | | | | | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier
| | | | | | | |__Proprietary-Software-Based-Group		group	0:1	0600	proprietary-software-based
	If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'PLANG' then element is non-blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'STAND' then element is blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) is not equal to 'STAND' or 'PLANG', then element may be non-blank.				
| | | | | | | | |__Proprietary-Software-Based-Identifier-Source-Group		choice	1	0600	proprietary-software-based-identifier-source
| | | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | |__Proprietary-Software-Based-Identifier		field	1	0024	product-identifier

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | |__Security-Protection-Group		group	1	0600	security-protection
| | | | | | | |__Government-Security-Classification-Group		group	1	0600	government-security-classification
| | | | | | | | |__Government-Security-Classification-Code		field	1	0010	document-security-classification-code
| | | | | | | | |__Classification-Information-Group		group	0:1	0600	classification-information
	If Government security class equals 'U' or 'FOUO' then the Classification information group is blank else the Classification information group is non- blank				
| | | | | | | | | |__Classification-Authority-Text		field	1	0155	document-security-classification-authority-text
| | | | | | | | | |__Classified-Date-Time-Group		group	1	0600	classified-date-time
| | | | | | | | | | |__Date		field	1	0082	document-security-classification-date
| | | | | | | | | | |__Time		field	0:1	0160	document-security-classification-time
| | | | | | | | | |__Access-Restriction-Code		field	0:N	0085	document-security-access-restriction-code
| | | | | | | | | |__Downgrade-Information-Group		group	0:1	0600	downgrade-information
	If Government security class not equal 'U', 'FOUO', 'C', 'NC' or 'NR' then the Downgrade information group is non-blank else the Downgrade information group is blank				
| | | | | | | | | | |__Downgrade-Classification-Code		field	1	0010	document-security-classification-code
| | | | | | | | | | |__Downgrade-Event-Date-Time-Group		choice	1	0600	downgrade-event-date-time
| | | | | | | | | | | |__Downgrade-Date-Time-Group		group	0:1	0600	downgrade-date-time
| | | | | | | | | | | | |__Date		field	1	0082	document-security-classification-downgrade-date
| | | | | | | | | | | | |__Time		field	0:1	0160	document-security-classification-downgrade-time
| | | | | | | | | | | |__Downgrade-Event		field	0:1	0156	document-security-classification-downgrade-process-event-name
| | | | | | | | | |__Declassify-Date-Time-Group		group	1	0600	declassify-date-time
| | | | | | | | | | |__Date		field	1	0082	document-security-declassification-date
| | | | | | | | | | |__Time		field	0:1	0160	document-security-declassification-time
| | | | | | | |__Copyright-Information-Group		group	1	0600	copyright-information-group
| | | | | | | |__Copyright-Type		field	1	0012	document-copyright-code
| | | | | | | |__Copyright-Owner-Identification-Group		choice	0:1	0600	copyright-owner-identification
	If Copyright type equal 'N' then element is blank else element is non-blank				
| | | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier
| | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | |__Copyright-Date-Time-Group		group	0:1	0600	copyright-date-time
	If Copyright type equal 'N' then copyright-date-time group is blank else copyright-date-time group is non-blank				
| | | | | | | | |__Date		field	1	0082	document-copyright-date
| | | | | | | | |__Time		field	0:1	0160	document-copyright-time
| | | | | | |__Distribution-Information-Group		group	1	0600	distribution-information
| | | | | | | |__Distribution-Statement-Code-Group		group	1	0600	distribution-statement-code
| | | | | | | | |__Distribution-Statement-Code		field	1	0014	document-distribution-statement-code
| | | | | | | | |__Distribution-Statement-Reason-Code		field	1:N	0015	document-distribution-statement-reason-code
| | | | | | | |__Distribution-Statement-Information-Group		group	0:1	0600	distribution-statement-information
	If Distribution statement code equal "A" and the Distribution statement reason code equal "00" then the Distribution statement information group is blank else the Distribution statement information group is non-blank				
| | | | | | | | |__Distribution-Statement-Determination-Date-Time-Group		group	1	0600	distribution-statement-date-time
| | | | | | | | | |__Date		field	1	0082	document-distribution-restriction-determination-date
| | | | | | | | | |__Time		field	0:1	0160	document-distribution-restriction-determination-time
| | | | | | | | |__Distribution-Controlling-Office-Group		group	1	0600	distribution-controlling-office
| | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | |__Distribution-Controlling-Office-Name		field	0:1	0044	document-distribution-controller-enterprise-office-name
| | | | | | |__Export-Control-Restriction-Code		field	1	0079	document-export-control-code
	If distribution-statement-code equals 'A' then element must be 'N'; If distribution-statement-code equals 'X' then element must be 'Y'.				

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | |__Data-Rights-Information-Group		group	1	0600	data-rights-information
| | | | | | | |__Government-Rights-In-Technical-Data-Code		field	1	0022	technical-document-government-data-rights-code
| | | | | | | |__Company-Proprietary-Rights-Code		field	1	0084	document-company-proprietary-data-rights-code
	If the Government Rights in Technical Data code equal 'U' then the element is either 'N' or 'S' else the element is 'P'.				
| | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
	If the Government rights in Technical Data code equal "U" and the Company Proprietary rights code equal "N" then the Company name is blank else the Company name is non-blank				
| | | | | | | |__Contract-Authorizing-Government-Rights-Group		group	0:1	0600	contract-identifier-information-authorizing-government-rights
	If the Government rights in Technical Data code equal 'U' or 'N' then the element is blank else the element is non-blank.				
| | | | | | | | |__Data-Rights-Contract-Number		field	1	0266	document-source-assigned-alphanumeric-identifier
| | | | | | | | |__Data-Rights-Contract-Date-Time-Group		group	1	0600	contact-data-rights-date-time
| | | | | | | | | |__Date		field	1	0082	contract-date
| | | | | | | | | |__Time		field	0:1	0160	contract-time
| | | | | | |__File-Information-Group		choice	1	0600	File-information
| | | | | | | |__Imbedded-File-Information-Group		group	0:1	0600	imbedded-file-information
	Imbedded file information group contains the hexa-decimal representation of the file.				
| | | | | | | | |__File-Size-In-Bytes		field	1	0601	file-size-in-bytes
| | | | | | | | |__File		field	1	0601	file
| | | | | | | | |__Computer-Operating-System-Type-Code		field	0:1	0213	computer-operating-system-asset-type-code
| | | | | | | |__CITIS-Access-Information-Group		group	0:1	0600	contractor-integrated-technical-information-service-information
| | | | |__Non-Digital-Representation-Group		group	0:1	0600	non-digital-representation-information
	If Document representation medium identification not equal "D" then Non digital Document representation information group is non-blank else Non digital Document representation information group is blank				
| |__Sheet-Managed-Document-Group		choice	0:1	0600	sheet-managed-document
| | |__Single-Sheet-Group		group	0:1	0600	single-sheet
| | | |__Drawing-Size		field	0:1	0112	document-sheet-size-code
| | | |__Document-Representation-Group		group	1:N	0600	document-representation
| | | | |__Document-Representation-Originator-Group		choice	1	0600	document-representation-originator
| | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | |__Document-Representation-Custodian-Group		choice	1	0600	document-representation-custodian
| | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | |__Document-Representation-Custodian-Office-Name		field	1	0044	document-custodial-enterprise-office-name
| | | | |__Document-Representation-Version-Group		group	1	0600	document-representation-version
| | | | | |__Version-Identification-Group		field	1	0600	version-identification
| | | | | | |__Version-Date-Time-Group		group	1	0600	version-date-time
| | | | | | | |__Date		field	1	0082	document-representation-creation-date
| | | | | | | |__Time		field	0:1	0160	document-representation-creation-time
| | | | | | |__Alphanumeric-Version-Identifier		field	1	0208	document-representation-version-identifier
| | | | | |__Version-Status-Group		group	1	0600	version-status
| | | | | | |__Version-Status-Code		field	1	0021	document-representation-release-process-disposition-status-code
| | | | | | |__Version-Status-Date-Time-Group		group	1	0600	version-status-date-time
| | | | | | | |__Date		field	1	0082	document-representation-release-process-disposition-status-date
| | | | | | | |__Time		field	0:1	0160	document-representation-release-process-disposition-status-time
| | | | |__Document-Representation-Medium-Code		field	1	0326	document-representation-medium-identification-code
| | | | |__Document-Representation-Medium-Group		choice	1	0600	representation-medium

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | |__Digital-Representation-Group		group	0:1	0600	digital-document-representation-information
	If Document representation medium code = 'D' then Digital representation group is non-blank else Digital representation group is blank				
| | | | | | |__Digital-Representation-Target-Environment-Type-Code		field	1	0210	document-file-type-code
| | | | | | |__Target-Environment-Group		choice	0:1	0600	target-environment
| | | | | | | |__Standards-Based-Group		group	0:1	0600	standards-based
	If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'STAND' then element is non-blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'PLANG' then element is blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) is not equal to 'STAND' or 'PLANG', then element may be non-blank.				
| | | | | | | | |__Standards-Based-Identifier-Source-Group		choice	1	0600	standards-based-identifier-source
| | | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier
| | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | |__Standards-Based-Document-Identifier		field	1	0266	document-source-assigned-alphanumeric-identifier
| | | | | | | | |__Standards-Based-Document-Revision-Group		choice	1	0600	standards-based-document-revision
| | | | | | | | | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | | | | | | | | | |__Date		field	1	0082	document-revision-generic-date
| | | | | | | | | | |__Time		field	0:1	0160	document-revision-generic-time
| | | | | | | | | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier
| | | | | | | |__Proprietary-Software-Based-Group		group	0:1	0600	proprietary-software-based
	If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'PLANG' then element is non-blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'STAND' then element is blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) is not equal to 'STAND' or 'PLANG', then element may be non-blank.				
| | | | | | | | |__Proprietary-Software-Based-Identifier-Source-Group		choice	1	0600	proprietary-software-based-identifier-source

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | |__Proprietary-Software-Based-Identifier		field	1	0024	product-identifier
| | | | | | |__File-Identification-Group		group	1:N	0600	file-identification
| | | | | | | |__File-Identifier		field	1	0206	electronic-document-file-identifier
| | | | | | | |__File-Identifier-Source-Group		choice	0:1	0600	file-identifier-source
| | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | |__File-Origination-Date-Time-Group		group	1	0600	File-origination-date-time
| | | | | | | |__Date		field	1	0082	electronic-document-file-creation-date
| | | | | | | |__Time		field	1	0160	electronic-document-file-creation-time
| | | | | | | |__File-Description		field	0:1	0212	document-file-description-text
| | | | | | | |__File-Compression-Method-Code		field	0:1	0214	document-file-compression-method-code

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | |__File-Type-Group		group	1	0600	file-type
| | | | | | | |__File-Type-Code		field	1	0210	document-file-type-code
| | | | | | | |__File-Type-Information-Group		choice	0:1	0600	file-type-information
| | | | | | | | |__Standards-Based-Group		group	0:1	0600	standards-based
	If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'STAND' then element is non-blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'PLANG' then element is blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) is not equal to 'STAND' or 'PLANG', then element may be non-blank.				
| | | | | | | | | |__Standards-Based-Identifier-Source-Group		choice	1	0600	standards-based-identifier-source
| | | | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | | | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier
| | | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | | |__Standards-Based-Document-Identifier		field	1	0266	document-source-assigned-alphanumeric-identifier
| | | | | | | | | |__Standards-Based-Document-Revision-Group		choice	1	0600	standards-based-document-revision
| | | | | | | | | | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | | | | | | | | | | |__Date		field	1	0082	document-revision-generic-date
| | | | | | | | | | | |__Time		field	0:1	0160	document-revision-generic-time
| | | | | | | | | | | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier
| | | | | | | | |__Proprietary-Software-Based-Group		group	0:1	0600	proprietary-software-based
	If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'PLANG' then element is non-blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'STAND' then element is blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) is not equal to 'STAND' or 'PLANG', then element may be non-blank.				
| | | | | | | | | |__Proprietary-Software-Based-Identifier-Source-Group		choice	1	0600	proprietary-software-based-identifier-source
| | | | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | | | |__Proprietary-Software-Based-Identifier		field	1	0024	product-identifier
| | | | | | |__Security-Protection-Group		group	1	0600	security-protection
| | | | | | | |__Government-Security-Classification-Group		group	1	0600	government-security-classification
| | | | | | | | |__Government-Security-Classification-Code		field	1	0010	document-security-classification-code
| | | | | | | | |__Classification-Information-Group		group	0:1	0600	classification-information
	If Government security class equals 'U' or 'FOUO' then the Classification information group is blank else the Classification information group is non- blank				
| | | | | | | | | |__Classification-Authority-Text		field	1	0155	document-security-classification-authority-text
| | | | | | | | | |__Classified-Date-Time-Group		group	1	0600	classified-date-time
| | | | | | | | | | |__Date		field	1	0082	document-security-classification-date
| | | | | | | | | | |__Time		field	0:1	0160	document-security-classification-time
| | | | | | | | | | |__Access-Restriction-Code		field	0:N	0085	document-security-access-restriction-code
| | | | | | | | | | |__Downgrade-Information-Group		group	0:1	0600	downgrade-information
	If Government security class not equal 'U', 'FOUO', 'C', 'NC' or 'NR' then the Downgrade information group is non-blank else the Downgrade information group is blank				
| | | | | | | | | | | |__Downgrade-Classification-Code		field	1	0010	document-security-classification-code
| | | | | | | | | | | |__Downgrade-Event-Date-Time-Group		choice	1	0600	downgrade-event-date-time
| | | | | | | | | | | | |__Downgrade-Date-Time-Group		group	0:1	0600	downgrade-date-time
| | | | | | | | | | | | | |__Date		field	1	0082	document-security-classification-downgrade-date
| | | | | | | | | | | | | |__Time		field	0:1	0160	document-security-classification-downgrade-time
| | | | | | | | | | | | |__Downgrade-Event		field	0:1	0156	document-security-classification-downgrade-process-event-name
| | | | | | | | | | |__Declassify-Date-Time-Group		group	1	0600	declassify-date-time

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | | | |__Date		field	1	0082	document-security-declassification-date
| | | | | | | | | | | |__Time		field	0:1	0160	document-security-declassification-time
| | | | | | | | |__Copyright-Information-Group		group	1	0600	copyright-information-group
| | | | | | | | |__Copyright-Type		field	1	0012	document-copyright-code
| | | | | | | | |__Copyright-Owner-Identification-Group		choice	0:1	0600	copyright-owner-identification
	If Copyright type equal 'N' then element is blank else element is non-blank				
| | | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier
| | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | |__Copyright-Date-Time-Group		group	0:1	0600	copyright-date-time
	If Copyright type equal 'N' then copyright-date-time group is blank else copyright-date-time group is non-blank				
| | | | | | | | | |__Date		field	1	0082	document-copyright-date
| | | | | | | | | |__Time		field	0:1	0160	document-copyright-time
| | | | | | | | |__Distribution-Information-Group		group	1	0600	distribution-information
| | | | | | | | |__Distribution-Statement-Code-Group		group	1	0600	distribution-statement-code
| | | | | | | | |__Distribution-Statement-Code		field	1	0014	document-distribution-statement-code
| | | | | | | | |__Distribution-Statement-Reason-Code		field	1:N	0015	document-distribution-statement-reason-code
| | | | | | | | |__Distribution-Statement-Information-Group		group	0:1	0600	distribution-statement-information
	If Distribution statement code equal "A" and the Distribution statement reason code equal "00" then the Distribution statement information group is blank else the Distribution statement information group is non-blank				
| | | | | | | | | |__Distribution-Statement-Determination-Date-Time-Group		group	1	0600	distribution-statement-date-time
| | | | | | | | | | |__Date		field	1	0082	document-distribution-restriction-determination-date
| | | | | | | | | | |__Time		field	0:1	0160	document-distribution-restriction-determination-time

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | | |__Distribution-Controlling-Office-Group		group	1	0600	distribution-controlling-office
| | | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | |__Distribution-Controlling-Office-Name		field	0:1	0044	document-distribution-controller-enterprise-office-name
| | | | | | | | |__Export-Control-Restriction-Code		field	1	0079	document-export-control-code
	If distribution-statement-code equals 'A' then element must be 'N'; If distribution-statement-code equals 'X' then element must be 'Y'.				
| | | | | | | | |__Data-Rights-Information-Group		group	1	0600	data-rights-information
| | | | | | | | |__Government-Rights-In-Technical-Data-Code		field	1	0022	technical-document-government-data-rights-code
| | | | | | | | |__Company-Proprietary-Rights-Code		field	1	0084	document-company-proprietary-data-rights-code
	If the Government Rights in Technical Data code equal 'U' then the element is either 'N' or 'S' else the element is 'P'.				
| | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
	If the Government rights in Technical Data code equal "U" and the Company Proprietary rights code equal "N" then the Company name is blank else the Company name is non-blank				
| | | | | | | | |__Contract-Authorizing-Government-Rights-Group		group	0:1	0600	contract-identifier-information-authorizing-government-rights
	If the Government rights in Technical Data code equal 'U' or 'N' then the element is blank else the element is non-blank.				
| | | | | | | | | |__Data-Rights-Contract-Number		field	1	0266	document-source-assigned-alphanumeric-identifier
| | | | | | | | | |__Data-Rights-Contract-Date-Time-Group		group	1	0600	contact-data-rights-date-time
| | | | | | | | | | |__Date		field	1	0082	contract-date
| | | | | | | | | | |__Time		field	0:1	0160	contract-time
| | | | | | |__File-Information-Group		choice	1	0600	File-information
| | | | | | | |__Imbedded-File-Information-Group		group	0:1	0600	imbedded-file-information
	Imbedded file information group contains the hexa-decimal representation of the file.				
| | | | | | | | |__File-Size-In-Bytes		field	1	0601	file-size-in-bytes
| | | | | | | | |__File		field	1	0601	file
| | | | | | | | |__Computer-Operating-System-Type-Code		field	0:1	0213	computer-operating-system-asset-type-code
| | | | | | | |__CITIS-Access-Information-Group		group	0:1	0600	contractor-integrated-technical-information-service-information

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | |__Non-Digital-Representation-Group		group	0:1	0600	non-digital-representation-information
	If Document representation medium identification not equal "D" then Non digital Document representation information group is non-blank else Non digital Document representation information group is blank				
| | |__Multi-Sheet-Group		group	0:1	0600	multi-sheet
| | | |__Total-Sheets		field	1	0110	document-sheet-total-quantity
| | | |__Sheets-Group		group	2:N	0600	sheets
| | | | |__Sheet-Number		field	1	0026	document-sheet-identifier
| | | | |__Drawing-Size		field	0:1	0112	document-sheet-size-code
| | | | |__Sheet-Revision-Group		choice	1	0600	sheet-revision
| | | | | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | | | | | |__Date		field	1	0082	document-revision-generic-date
| | | | | | |__Time		field	0:1	0160	document-revision-generic-time
| | | | | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier
| | | | |__Document-Representation-Group		group	1:N	0600	document-representation
| | | | | |__Document-Representation-Originator-Group		choice	1	0600	document-representation-originator
| | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | |__Document-Representation-Custodian-Group		choice	1	0600	document-representation-custodian
| | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | |__Document-Representation-Custodian-Office-Name		field	1	0044	document-custodial-enterprise-office-name
| | | | |__Document-Representation-Version-Group		group	1	0600	document-representation-version
| | | | | |__Version-Identification-Group		field	1	0600	version-identification
| | | | | | | |__Version-Date-Time-Group		group	1	0600	version-date-time
| | | | | | | | |__Date		field	1	0082	document-representation-creation-date
| | | | | | | | |__Time		field	0:1	0160	document-representation-creation-time
| | | | | | | |__Alphanumeric-Version-Identifier		field	1	0208	document-representation-version-identifier
| | | | | |__Version-Status-Group		group	1	0600	version-status
| | | | | | | |__Version-Status-Code		field	1	0021	document-representation-release-process-disposition-status-code
| | | | | | | |__Version-Status-Date-Time-Group		group	1	0600	version-status-date-time
| | | | | | | | |__Date		field	1	0082	document-representation-release-process-disposition-status-date
| | | | | | | | |__Time		field	0:1	0160	document-representation-release-process-disposition-status-time
| | | | |__Document-Representation-Medium-Code		field	1	0326	document-representation-medium-identification-code
| | | | |__Document-Representation-Medium-Group		choice	1	0600	representation-medium
| | | | | |__Digital-Representation-Group		group	0:1	0600	digital-document-representation-information
	If Document representation medium code = 'D' then Digital representation group is non-blank else Digital representation group is blank				
| | | | | | | |__Digital-Representation-Target-Environment-Type-Code		field	1	0210	document-file-type-code
| | | | | | | |__Target-Environment-Group		choice	0:1	0600	target-environment
| | | | | | | | |__Standards-Based-Group		group	0:1	0600	standards-based
	If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'STAND' then element is non-blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'PLANG' then element is blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) is not equal to 'STAND' or 'PLANG', then element may be non-blank.				
| | | | | | | | | |__Standards-Based-Identifier-Source-Group		choice	1	0600	standards-based-identifier-source
| | | | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | | |__Standards-Based-Document-Identifier		field	1	0266	document-source-assigned-alphanumeric-identifier
| | | | | | | | | |__Standards-Based-Document-Revision-Group		choice	1	0600	standards-based-document-revision
| | | | | | | | | | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | | | | | | | | | | |__Date		field	1	0082	document-revision-generic-date
| | | | | | | | | | | |__Time		field	0:1	0160	document-revision-generic-time
| | | | | | | | | | | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier
| | | | | | | | |__Proprietary-Software-Based-Group		group	0:1	0600	proprietary-software-based
	If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'PLANG' then element is non-blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'STAND' then element is blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) is not equal to 'STAND' or 'PLANG', then element may be non-blank.				
| | | | | | | | | |__Proprietary-Software-Based-Identifier-Source-Group		choice	1	0600	proprietary-software-based-identifier-source
| | | | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | | |__Proprietary-Software-Based-Identifier		field	1	0024	product-identifier
| | | | | | | |__File-Identification-Group		group	1:N	0600	file-identification
| | | | | | | | |__File-Identifier		field	1	0206	electronic-document-file-identifier

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | |__File-Identifier-Source-Group		choice	0:1	0600	file-identifier-source
| | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | |__File-Origination-Date-Time-Group		group	1	0600	File-origination-date-time
| | | | | | | | |__Date		field	1	0082	electronic-document-file-creation-date
| | | | | | | | |__Time		field	1	0160	electronic-document-file-creation-time
| | | | | | | |__File-Description		field	0:1	0212	document-file-description-text
| | | | | | | |__File-Compression-Method-Code		field	0:1	0214	document-file-compression-method-code
| | | | | | | |__File-Type-Group		group	1	0600	file-type
| | | | | | | | |__File-Type-Code		field	1	0210	document-file-type-code
| | | | | | | | |__File-Type-Information-Group		choice	0:1	0600	file-type-information
| | | | | | | | | |__Standards-Based-Group		group	0:1	0600	standards-based
	If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'STAND' then element is non-blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'PLANG' then element is blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) is not equal to 'STAND' or 'PLANG', then element may be non-blank.				
| | | | | | | | | | |__Standards-Based-Identifier-Source-Group		choice	1	0600	standards-based-identifier-source
| | | | | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | | | | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier
| | | | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | | | |__Standards-Based-Document-Identifier		field	1	0266	document-source-assigned-alphanumeric-identifier
| | | | | | | | | | |__Standards-Based-Document-Revision-Group		choice	1	0600	standards-based-document-revision
| | | | | | | | | | | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | | | | | | | | | | | |__Date		field	1	0082	document-revision-generic-date
| | | | | | | | | | | | |__Time		field	0:1	0160	document-revision-generic-time
| | | | | | | | | | | | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier
| | | | | | | | | | |__Proprietary-Software-Based-Group		group	0:1	0600	proprietary-software-based
	If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'PLANG' then element is non-blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'STAND' then element is blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) is not equal to 'STAND' or 'PLANG', then element may be non-blank.				
| | | | | | | | | | | |__Proprietary-Software-Based-Identifier-Source-Group		choice	1	0600	proprietary-software-based-identifier-source
| | | | | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | | | |__Proprietary-Software-Based-Identifier		field	1	0024	product-identifier
| | | | | | | |__Security-Protection-Group		group	1	0600	security-protection
| | | | | | | | |__Government-Security-Classification-Group		group	1	0600	government-security-classification
| | | | | | | | | |__Government-Security-Classification-Code		field	1	0010	document-security-classification-code

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | | |__Classification-Information-Group		group	0:1	0600	classification-information
	If Government security class equals 'U' or 'FOUO' then the Classification information group is blank else the Classification information group is non- blank				
| | | | | | | | | | | |__Classification-Authority-Text		field	1	0155	document-security-classification-authority-text
| | | | | | | | | | | |__Classified-Date-Time-Group		group	1	0600	classified-date-time
| | | | | | | | | | | | |__Date		field	1	0082	document-security-classification-date
| | | | | | | | | | | | |__Time		field	0:1	0160	document-security-classification-time
| | | | | | | | | | | | |__Access-Restriction-Code		field	0:N	0085	document-security-access-restriction-code
| | | | | | | | | | | | |__Downgrade-Information-Group		group	0:1	0600	downgrade-information
	If Government security class not equal 'U', 'FOUO', 'C', 'NC' or 'NR' then the Downgrade information group is non-blank else the Downgrade information group is blank				
| | | | | | | | | | | | |__Downgrade-Classification-Code		field	1	0010	document-security-classification-code
| | | | | | | | | | | | |__Downgrade-Event-Date-Time-Group		choice	1	0600	downgrade-event-date-time
| | | | | | | | | | | | | |__Downgrade-Date-Time-Group		group	0:1	0600	downgrade-date-time
| | | | | | | | | | | | | | |__Date		field	1	0082	document-security-classification-downgrade-date
| | | | | | | | | | | | | | |__Time		field	0:1	0160	document-security-classification-downgrade-time
| | | | | | | | | | | | | | |__Downgrade-Event		field	0:1	0156	document-security-classification-downgrade-process-event-name
| | | | | | | | | | | | |__Declassify-Date-Time-Group		group	1	0600	declassify-date-time
| | | | | | | | | | | | |__Date		field	1	0082	document-security-declassification-date
| | | | | | | | | | | | |__Time		field	0:1	0160	document-security-declassification-time
| | | | | | | | | |__Copyright-Information-Group		group	1	0600	copyright-information-group
| | | | | | | | | | |__Copyright-Type		field	1	0012	document-copyright-code
| | | | | | | | | | |__Copyright-Owner-Identification-Group		choice	0:1	0600	copyright-owner-identification
	If Copyright type equal 'N' then element is blank else element is non-blank				
| | | | | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | | | | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier
| | | | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | | | |__Copyright-Date-Time-Group		group	0:1	0600	copyright-date-time
	If Copyright type equal 'N' then copyright-date-time group is blank else copyright-date-time group is non-blank				
| | | | | | | | | | | |__Date		field	1	0082	document-copyright-date
| | | | | | | | | | | |__Time		field	0:1	0160	document-copyright-time
| | | | | | | | | |__Distribution-Information-Group		group	1	0600	distribution-information
| | | | | | | | | |__Distribution-Statement-Code-Group		group	1	0600	distribution-statement-code
| | | | | | | | | | |__Distribution-Statement-Code		field	1	0014	document-distribution-statement-code
| | | | | | | | | | |__Distribution-Statement-Reason-Code		field	1:N	0015	document-distribution-statement-reason-code
| | | | | | | | | | |__Distribution-Statement-Information-Group		group	0:1	0600	distribution-statement-information
	If Distribution statement code equal "A" and the Distribution statement reason code equal "00" then the Distribution statement information group is blank else the Distribution statement information group is non-blank				
| | | | | | | | | | | |__Distribution-Statement-Determination-Date-Time-Group		group	1	0600	distribution-statement-date-time
| | | | | | | | | | | | |__Date		field	1	0082	document-distribution-restriction-determination-date
| | | | | | | | | | | | |__Time		field	0:1	0160	document-distribution-restriction-determination-time
| | | | | | | | | | | |__Distribution-Controlling-Office-Group		group	1	0600	distribution-controlling-office
| | | | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | | |__Distribution-Controlling-Office-Name		field	0:1	0044	document-distribution-controller-enterprise-office-name
| | | | | | | | |__Export-Control-Restriction-Code		field	1	0079	document-export-control-code
	If distribution-statement-code equals 'A' then element must be 'N'; If distribution-statement-code equals 'X' then element must be 'Y'.				
| | | | | | | | | |__Data-Rights-Information-Group		group	1	0600	data-rights-information
| | | | | | | | | | |__Government-Rights-In-Technical-Data-Code		field	1	0022	technical-document-government-data-rights-code

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | | |__Company-Proprietary-Rights-Code		field	1	0084	document-company-proprietary-data-rights-code
	If the Government Rights in Technical Data code equal 'U' then the element is either 'N' or 'S' else the element is 'P'.				
| | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
	If the Government rights in Technical Data code equal "U" and the Company Proprietary rights code equal "N" then the Company name is blank else the Company name is non-blank				
| | | | | | | | | | |__Contract-Authorizing-Government-Rights-Group		group	0:1	0600	contract-identifier-information-authorizing-government-rights
	If the Government rights in Technical Data code equal 'U' or 'N' then the element is blank else the element is non-blank.				
| | | | | | | | | | | |__Data-Rights-Contract-Number		field	1	0266	document-source-assigned-alphanumeric-identifier
| | | | | | | | | | | |__Data-Rights-Contract-Date-Time-Group		group	1	0600	contact-data-rights-date-time
| | | | | | | | | | | | |__Date		field	1	0082	contract-date
| | | | | | | | | | | | |__Time		field	0:1	0160	contract-time
| | | | | | | | |__File-Information-Group		choice	1	0600	File-information
| | | | | | | | | |__Imbedded-File-Information-Group		group	0:1	0600	imbedded-file-information
	Imbedded file information group contains the hexa-decimal representation of the file.				
| | | | | | | | | | |__File-Size-In-Bytes		field	1	0601	file-size-in-bytes
| | | | | | | | | | |__File		field	1	0601	file
| | | | | | | | | | |__Computer-Operating-System-Type-Code		field	0:1	0213	computer-operating-system-asset-type-code
| | | | | | | | | |__CITIS-Access-Information-Group		group	0:1	0600	contractor-integrated-technical-information-service-information
| | | | | | |__Non-Digital-Representation-Group		group	0:1	0600	non-digital-representation-information
	If Document representation medium identification not equal "D" then Non digital Document representation information group is non-blank else Non digital Document representation information group is blank				

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
Data Information Packet Name: Document-Supplement					
|__Base-Document-Identification-Group		group	1:N	0600	base-document-identification
| |__Document-Identifier-Source-Group		choice	1	0600	document-identifier-source
| | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | |__Company-Name		field	0:1	0170	enterprise-name
| | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| |__Document-Identifier		field	1	0266	document-source-assigned-alphanumeric-identifier
|__Document-Revision-Group		group	1	0600	document-revision
| |__Revision-Identification-Group		choice	1	0600	revision-identification
| | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | | |__Date		field	1	0082	document-revision-generic-date
| | | |__Time		field	0:1	0160	document-revision-generic-time
| | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier
| |__Revision-Status-Group		group	1	0600	document-revision-status
| | |__Revision-Status-Code		field	1	0021	document-revision-approval-process-disposition-status-code
| | |__Revision-Status-Date-Time-Group		group	1	0600	document-revision-status-date-time
| | | |__Date		field	1	0082	document-revision-approval-process-disposition-status-date
| | | |__Time		field	0:1	0160	document-revision-approval-process-disposition-status-time
|__Supplement-Document-Type-Code		field	1	0162	supplement-document-type-code
|__Document-Title		field	1	0008	document-name
|__Document-Preparation-Date-Time-Group		group	0:1	0600	document-preparation-date-time

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| |__Date		field	1	0082	document-preparation-date
| |__Time		field	0:1	0160	document-preparation-time
|__Special-Condition-Code		field	0:N	0257	engineering-document-special-condition-code
|__Hazardous-Material-Code		field	0:1	0078	supply-item-hazardous-material-code
|__CDCA-Group		group	1	0600	current-document-change-authority
| |__CDCA-Identification-Group		group	1	0600	current-document-change-authority-identification
| | |__CDCA-Identifier-Group		choice	1	0600	current-document-change-authority-identifier
| | | |__Company-Name		field	0:1	0170	enterprise-name
| | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | |__CDCA-Office-Name		field	0:1	0044	current-document-design-control-enterprise-office-name
| |__CDCA-Effective-Date-Time-Group		group	0:1	0600	current-document-change-authority-effective-date-time
| | |__Date		field	1	0082	document-change-control-authority-effective-date
| | |__Time		field	0:1	0160	document-change-control-authority-effective-time
|__Supplemented-Document-Identification-Group		group	1	0600	supplemented-document-identification
| |__Supplemented-Document-Source-Identification-Group		choice	1	0600	supplemented-document-source-identification
| | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | |__Company-Name		field	0:1	0170	enterprise-name
| | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| |__Supplemented-Document-Identifier		field	1	0266	document-source-assigned-alphanumeric-identifier
| |__Supplemented-Document-Revision-Group		choice	0:1	0600	supplemented-document-revision
| | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | | |__Date		field	1	0082	document-revision-generic-date
| | | |__Time		field	0:1	0160	document-revision-generic-time
| | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier
|__Part-Defined-Group		group	0:N	0600	part-defined
	If supplement document type code equal 'Spec Sup', then part defined group may be non-blank, else part defined group must be blank.				
| |__Part-Identifier-Source-Group		choice	1	0600	product-identifier-source
| | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier
| | | |__Company-Name		field	0:1	0170	enterprise-name
| | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| |__Part-Identifier-Group		group	1	0600	part-identifier
| | |__Part-Number		field	1	0024	product-identifier
| | |__Part-Parameters-Group		group	0:N	0600	part-parameters
| | | |__Part-Classification-Code		field	1	0036	part-classification-type-code
| | | |__Part-Classification-Value		field	1	0037	part-classification-type-value
|__Related-Document-Group		group	0:N	0600	related-document
| |__Related-Document-Relationship-Type		field	1	0048	relationship-type
	Must be either 'RD' or 'IA'				
| |__Related-Document-Identifier-Source-Group		choice	1	0600	related-document-identifier-source
| | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | |__Company-Name		field	0:1	0170	enterprise-name
| | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| |__Related-Document-Identifier		field	1	0266	document-source-assigned-alphanumeric-identifier
| |__Related-Document-Revision-Identification-Group		choice	0:1	0600	related-document-revision-identification
| | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | | |__Date		field	1	0082	document-revision-generic-date
| | | |__Time		field	0:1	0160	document-revision-generic-time
| | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier
|__ECP-Authorizing-This-Revision-Group		group	0:N	0600	engineering-change-proposal-authorizing-this-revision
| |__ECP-Identifier-Source-Group		choice	1	0600	engineering-change-proposal-identifier-source
| | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | |__Company-Name		field	0:1	0170	enterprise-name
| | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| |__ECP-Identifier		field	1	0266	document-source-assigned-alphanumeric-identifier
| |__ECP-Revision-Identification-Group		choice	0:1	0600	engineering-change-proposal-revision-identification

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | | |__Date		field	1	0082	document-revision-generic-date
| | | |__Time		field	0:1	0160	document-revision-generic-time
| | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier
|__Security-Protection-Group		group	1	0600	security-protection
| |__Government-Security-Classification-Group		group	1	0600	government-security-classification
| | |__Government-Security-Classification-Code		field	1	0010	document-security-classification-code
| | |__Classification-Information-Group		group	0:1	0600	classification-information
	If Government security class equals 'U' or 'FOUO' then the Classification information group is blank else the Classification information group is non- blank				
| | | |__Classification-Authority-Text		field	1	0155	document-security-classification-authority-text
| | | |__Classified-Date-Time-Group		group	1	0600	classified-date-time
| | | | |__Date		field	1	0082	document-security-classification-date
| | | | |__Time		field	0:1	0160	document-security-classification-time
| | | |__Access-Restriction-Code		field	0:N	0085	document-security-access-restriction-code
| | | |__Downgrade-Information-Group		group	0:1	0600	downgrade-information
	If Government security class not equal 'U', 'FOUO', 'C', 'NC' or 'NR' then the Downgrade information group is non-blank else the Downgrade information group is blank				
| | | | |__Downgrade-Classification-Code		field	1	0010	document-security-classification-code
| | | | |__Downgrade-Event-Date-Time-Group		choice	1	0600	downgrade-event-date-time
| | | | | |__Downgrade-Date-Time-Group		group	0:1	0600	downgrade-date-time
| | | | | | |__Date		field	1	0082	document-security-classification-downgrade-date
| | | | | | |__Time		field	0:1	0160	document-security-classification-downgrade-time
| | | | | |__Downgrade-Event		field	0:1	0156	document-security-classification-downgrade-process-event-name
| | | |__Declassify-Date-Time-Group		group	1	0600	declassify-date-time
| | | | |__Date		field	1	0082	document-security-declassification-date
| | | | |__Time		field	0:1	0160	document-security-declassification-time
| |__Copyright-Information-Group		group	1	0600	copyright-information-group
| | |__Copyright-Type		field	1	0012	document-copyright-code

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | |__Copyright-Owner-Identification-Group		choice	0:1	0600	copyright-owner-identification
	If Copyright type equal 'N' then element is blank else element is non-blank				
| | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier
| | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | |__Copyright-Date-Time-Group		group	0:1	0600	copyright-date-time
	If Copyright type equal 'N' then copyright-date-time group is blank else copyright-date-time group is non-blank				
| | | |__Date		field	1	0082	document-copyright-date
| | | |__Time		field	0:1	0160	document-copyright-time
| |__Distribution-Information-Group		group	1	0600	distribution-information
| | |__Distribution-Statement-Code-Group		group	1	0600	distribution-statement-code
| | | |__Distribution-Statement-Code		field	1	0014	document-distribution-statement-code
| | | |__Distribution-Statement-Reason-Code		field	1:N	0015	document-distribution-statement-reason-code
| | |__Distribution-Statement-Information-Group		group	0:1	0600	distribution-statement-information
	If Distribution statement code equal "A" and the Distribution statement reason code equal "00" then the Distribution statement information group is blank else the Distribution statement information group is non-blank				
| | | |__Distribution-Statement-Determination-Date-Time-Group		group	1	0600	distribution-statement-date-time
| | | | |__Date		field	1	0082	document-distribution-restriction-determination-date
| | | | |__Time		field	0:1	0160	document-distribution-restriction-determination-time
| | | |__Distribution-Controlling-Office-Group		group	1	0600	distribution-controlling-office
| | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | |__Distribution-Controlling-Office-Name		field	0:1	0044	document-distribution-controller-enterprise-office-name
| |__Export-Control-Restriction-Code		field	1	0079	document-export-control-code
	If distribution-statement-code equals 'A' then element must be 'N'; If distribution-statement-code equals 'X' then element must be 'Y'.				
| |__Data-Rights-Information-Group		group	1	0600	data-rights-information
| | |__Government-Rights-In-Technical-Data-Code		field	1	0022	technical-document-government-data-rights-code
| | |__Company-Proprietary-Rights-Code		field	1	0084	document-company-proprietary-data-rights-code
	If the Government Rights in Technical Data code equal 'U' then the element is either 'N' or 'S' else the element is 'P'.				
| | |__Company-Name		field	0:1	0170	enterprise-name
	If the Government rights in Technical Data code equal "U" and the Company Proprietary rights code equal "N" then the Company name is blank else the Company name is non-blank				
| | |__Contract-Authorizing-Government-Rights-Group		group	0:1	0600	contract-identifier-information-authorizing-government-rights
	If the Government rights in Technical Data code equal 'U' or 'N' then the element is blank else the element is non-blank.				
| | | |__Data-Rights-Contract-Number		field	1	0266	document-source-assigned-alphanumeric-identifier
| | | |__Data-Rights-Contract-Date-Time-Group		group	1	0600	contact-data-rights-date-time
| | | | |__Date		field	1	0082	contract-date
| | | | |__Time		field	0:1	0160	contract-time
|__Sheet-Management-Group		choice	1	0600	sheet-management
| |__Non-Sheet-Managed-Document-Group		group	0:1	0600	non-sheet-managed-document
| | |__Document-Representation-Group		group	1:N	0600	document-representation
| | | |__Document-Representation-Originator-Group		choice	1	0600	document-representation-originator
| | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | |__Document-Representation-Custodian-Group		choice	1	0600	document-representation-custodian
| | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | |__Document-Representation-Custodian-Office-Name		field	1	0044	document-custodial-enterprise-office-name
| | | |__Document-Representation-Version-Group		group	1	0600	document-representation-version
| | | | |__Version-Identification-Group		field	1	0600	version-identification
| | | | | |__Version-Date-Time-Group		group	1	0600	version-date-time
| | | | | | |__Date		field	1	0082	document-representation-creation-date
| | | | | | |__Time		field	0:1	0160	document-representation-creation-time
| | | | | |__Alphanumeric-Version-Identifier		field	1	0208	document-representation-version-identifier
| | | | |__Version-Status-Group		group	1	0600	version-status
| | | | | |__Version-Status-Code		field	1	0021	document-representation-release-process-disposition-status-code
| | | | | |__Version-Status-Date-Time-Group		group	1	0600	version-status-date-time
| | | | | | |__Date		field	1	0082	document-representation-release-process-disposition-status-date
| | | | | | |__Time		field	0:1	0160	document-representation-release-process-disposition-status-time
| | | |__Document-Representation-Medium-Code		field	1	0326	document-representation-medium-identification-code
| | | |__Document-Representation-Medium-Group		choice	1	0600	representation-medium
| | | | |__Digital-Representation-Group		group	0:1	0600	digital-document-representation-information
	If Document representation medium code = 'D' then Digital representation group is non-blank else Digital representation group is blank				
| | | | | |__Digital-Representation-Target-Environment-Type-Code		field	1	0210	document-file-type-code
| | | | | |__Target-Environment-Group		choice	0:1	0600	target-environment

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | |__Standards-Based-Group	If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'STAND' then element is non-blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'PLANG' then element is blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) is not equal to 'STAND' or 'PLANG', then element may be non-blank.	group	0:1	0600	standards-based
| | | | | | | |__Standards-Based-Identifier-Source-Group		choice	1	0600	standards-based-identifier-source
| | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier
| | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | |__Standards-Based-Document-Identifier		field	1	0266	document-source-assigned-alphanumeric-identifier
| | | | | | | |__Standards-Based-Document-Revision-Group		choice	1	0600	standards-based-document-revision
| | | | | | | | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | | | | | | | | |__Date		field	1	0082	document-revision-generic-date
| | | | | | | | | |__Time		field	0:1	0160	document-revision-generic-time
| | | | | | | | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier
| | | | | | |__Proprietary-Software-Based-Group	If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'PLANG' then element is non-blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'STAND' then element is blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) is not equal to 'STAND' or 'PLANG', then element may be non-blank.	group	0:1	0600	proprietary-software-based
| | | | | | | |__Proprietary-Software-Based-Identifier-Source-Group		choice	1	0600	proprietary-software-based-identifier-source
| | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | |__Proprietary-Software-Based-Identifier		field	1	0024	product-identifier
| | | | | |__File-Identification-Group		group	1:N	0600	file-identification
| | | | | | |__File-Identifier		field	1	0206	electronic-document-file-identifier
| | | | | | |__File-Identifier-Source-Group		choice	0:1	0600	file-identifier-source
| | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | |__File-Origination-Date-Time-Group		group	1	0600	File-origination-date-time
| | | | | | | |__Date		field	1	0082	electronic-document-file-creation-date
| | | | | | | |__Time		field	1	0160	electronic-document-file-creation-time
| | | | | | |__File-Description		field	0:1	0212	document-file-description-text
| | | | | | |__File-Compression-Method-Code		field	0:1	0214	document-file-compression-method-code
| | | | | | |__File-Type-Group		group	1	0600	file-type
| | | | | | | |__File-Type-Code		field	1	0210	document-file-type-code
| | | | | | | |__File-Type-Information-Group		choice	0:1	0600	file-type-information

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | |__Standards-Based-Group		group	0:1	0600	standards-based
	If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'STAND' then element is non-blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'PLANG' then element is blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) is not equal to 'STAND' or 'PLANG', then element may be non-blank.				
| | | | | | | | | |__Standards-Based-Identifier-Source-Group		choice	1	0600	standards-based-identifier-source
| | | | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | | | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier
| | | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | | |__Standards-Based-Document-Identifier		field	1	0266	document-source-assigned-alphanumeric-identifier
| | | | | | | | | |__Standards-Based-Document-Revision-Group		choice	1	0600	standards-based-document-revision
| | | | | | | | | | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | | | | | | | | | | |__Date		field	1	0082	document-revision-generic-date
| | | | | | | | | | | |__Time		field	0:1	0160	document-revision-generic-time
| | | | | | | | | | | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier
| | | | | | | | |__Proprietary-Software-Based-Group		group	0:1	0600	proprietary-software-based
	If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'PLANG' then element is non-blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'STAND' then element is blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) is not equal to 'STAND' or 'PLANG', then element may be non-blank.				
| | | | | | | | | |__Proprietary-Software-Based-Identifier-Source-Group		choice	1	0600	proprietary-software-based-identifier-source
| | | | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | | |__Proprietary-Software-Based-Identifier		field	1	0024	product-identifier
| | | | | | |__Security-Protection-Group		group	1	0600	security-protection
| | | | | | | |__Government-Security-Classification-Group		group	1	0600	government-security-classification
| | | | | | | |__Government-Security-Classification-Code		field	1	0010	document-security-classification-code
| | | | | | | |__Classification-Information-Group		group	0:1	0600	classification-information
	If Government security class equals 'U' or 'FOUO' then the Classification information group is blank else the Classification information group is non- blank				
| | | | | | | | |__Classification-Authority-Text		field	1	0155	document-security-classification-authority-text
| | | | | | | | |__Classified-Date-Time-Group		group	1	0600	classified-date-time
| | | | | | | | | |__Date		field	1	0082	document-security-classification-date
| | | | | | | | | |__Time		field	0:1	0160	document-security-classification-time
| | | | | | | | |__Access-Restriction-Code		field	0:N	0085	document-security-access-restriction-code
| | | | | | | | |__Downgrade-Information-Group		group	0:1	0600	downgrade-information
	If Government security class not equal 'U', 'FOUO', 'C', 'NC' or 'NR' then the Downgrade information group is non-blank else the Downgrade information group is blank				
| | | | | | | | | |__Downgrade-Classification-Code		field	1	0010	document-security-classification-code
| | | | | | | | | |__Downgrade-Event-Date-Time-Group		choice	1	0600	downgrade-event-date-time
| | | | | | | | | | |__Downgrade-Date-Time-Group		group	0:1	0600	downgrade-date-time
| | | | | | | | | | | |__Date		field	1	0082	document-security-classification-downgrade-date
| | | | | | | | | | | |__Time		field	0:1	0160	document-security-classification-downgrade-time
| | | | | | | | | | | |__Downgrade-Event		field	0:1	0156	document-security-classification-downgrade-process-event-name
| | | | | | | | |__Declassify-Date-Time-Group		group	1	0600	declassify-date-time
| | | | | | | | | |__Date		field	1	0082	document-security-declassification-date
| | | | | | | | | |__Time		field	0:1	0160	document-security-declassification-time
| | | | | | |__Copyright-Information-Group		group	1	0600	copyright-information-group

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | |__Copyright-Type		field	1	0012	document-copyright-code
| | | | | | | | |__Copyright-Owner-Identification-Group	If Copyright type equal 'N' then element is blank else element is non-blank	choice	0:1	0600	copyright-owner-identification
| | | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier
| | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | |__Copyright-Date-Time-Group	If Copyright type equal 'N' then copyright-date-time group is blank else copyright-date-time group is non-blank	group	0:1	0600	copyright-date-time
| | | | | | | | | |__Date		field	1	0082	document-copyright-date
| | | | | | | | | |__Time		field	0:1	0160	document-copyright-time
| | | | | | | |__Distribution-Information-Group		group	1	0600	distribution-information
| | | | | | | | |__Distribution-Statement-Code-Group		group	1	0600	distribution-statement-code
| | | | | | | | | |__Distribution-Statement-Code		field	1	0014	document-distribution-statement-code
| | | | | | | | | |__Distribution-Statement-Reason-Code		field	1:N	0015	document-distribution-statement-reason-code
| | | | | | | | |__Distribution-Statement-Information-Group	If Distribution statement code equal "A" and the Distribution statement reason code equal "00" then the Distribution statement information group is blank else the Distribution statement information group is non-blank	group	0:1	0600	distribution-statement-information
| | | | | | | | | |__Distribution-Statement-Determination-Date-Time-Group		group	1	0600	distribution-statement-date-time
| | | | | | | | | | |__Date		field	1	0082	document-distribution-restriction-determination-date
| | | | | | | | | | |__Time		field	0:1	0160	document-distribution-restriction-determination-time
| | | | | | | | | |__Distribution-Controlling-Office-Group		group	1	0600	distribution-controlling-office
| | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | |__Distribution-Controlling-Office-Name		field	0:1	0044	document-distribution-controller-enterprise-office-name
| | | | | | | |__Export-Control-Restriction-Code		field	1	0079	document-export-control-code
	If distribution-statement-code equals 'A' then element must be 'N'; If distribution-statement-code equals 'X' then element must be 'Y'.				
| | | | | | | |__Data-Rights-Information-Group		group	1	0600	data-rights-information
| | | | | | | |__Government-Rights-In-Technical-Data-Code		field	1	0022	technical-document-government-data-rights-code
| | | | | | | |__Company-Proprietary-Rights-Code		field	1	0084	document-company-proprietary-data-rights-code
	If the Government Rights in Technical Data code equal 'U' then the element is either 'N' or 'S' else the element is 'P'.				
| | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
	If the Government rights in Technical Data code equal "U" and the Company Proprietary rights code equal "N" then the Company name is blank else the Company name is non-blank				
| | | | | | | |__Contract-Authorizing-Government-Rights-Group		group	0:1	0600	contract-identifier-information-authorizing-government-rights
	If the Government rights in Technical Data code equal 'U' or 'N' then the element is blank else the element is non-blank.				
| | | | | | | | |__Data-Rights-Contract-Number		field	1	0266	document-source-assigned-alphanumeric-identifier
| | | | | | | | |__Data-Rights-Contract-Date-Time-Group		group	1	0600	contact-data-rights-date-time
| | | | | | | | | |__Date		field	1	0082	contract-date
| | | | | | | | | |__Time		field	0:1	0160	contract-time
| | | | | |__File-Information-Group		choice	1	0600	File-information
| | | | | | |__Imbedded-File-Information-Group		group	0:1	0600	imbedded-file-information
	Imbedded file information group contains the hexa-decimal representation of the file.				
| | | | | | | |__File-Size-In-Bytes		field	1	0601	file-size-in-bytes
| | | | | | | |__File		field	1	0601	file
| | | | | | | |__Computer-Operating-System-Type-Code		field	0:1	0213	computer-operating-system-asset-type-code
| | | | | | |__CITIS-Access-Information-Group		group	0:1	0600	contractor-integrated-technical-information-service-information
| | | |__Non-Digital-Representation-Group		group	0:1	0600	non-digital-representation-information
	If Document representation medium identification not equal "D" then Non digital Document representation information group is non-blank else Non digital Document representation information group is blank				
| |__Sheet-Managed-Document-Group		choice	0:1	0600	sheet-managed-document
| | |__Single-Sheet-Group		group	0:1	0600	single-sheet

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | |__Drawing-Size		field	0:1	0112	document-sheet-size-code
| | | |__Document-Representation-Group		group	1:N	0600	document-representation
| | | | |__Document-Representation-Originator-Group		choice	1	0600	document-representation-originator
| | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | |__Document-Representation-Custodian-Group		choice	1	0600	document-representation-custodian
| | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | |__Document-Representation-Custodian-Office-Name		field	1	0044	document-custodial-enterprise-office-name
| | | | |__Document-Representation-Version-Group		group	1	0600	document-representation-version
| | | | | |__Version-Identification-Group		field	1	0600	version-identification
| | | | | | |__Version-Date-Time-Group		group	1	0600	version-date-time
| | | | | | | |__Date		field	1	0082	document-representation-creation-date
| | | | | | | |__Time		field	0:1	0160	document-representation-creation-time
| | | | | | |__Alphanumeric-Version-Identifier		field	1	0208	document-representation-version-identifier
| | | | | |__Version-Status-Group		group	1	0600	version-status
| | | | | | |__Version-Status-Code		field	1	0021	document-representation-release-process-disposition-status-code

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | |__Version-Status-Date-Time-Group		group	1	0600	version-status-date-time
| | | | | | | |__Date		field	1	0082	document-representation-release-process-disposition-status-date
| | | | | | | |__Time		field	0:1	0160	document-representation-release-process-disposition-status-time
| | | | |__Document-Representation-Medium-Code		field	1	0326	document-representation-medium-identification-code
| | | | |__Document-Representation-Medium-Group		choice	1	0600	representation-medium
| | | | | |__Digital-Representation-Group		group	0:1	0600	digital-document-representation-information
	If Document representation medium code = 'D' then Digital representation group is non-blank else Digital representation group is blank				
| | | | | | |__Digital-Representation-Target-Environment-Type-Code		field	1	0210	document-file-type-code
| | | | | | |__Target-Environment-Group		choice	0:1	0600	target-environment
| | | | | | | |__Standards-Based-Group		group	0:1	0600	standards-based
	If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'STAND' then element is non-blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'PLANG' then element is blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) is not equal to 'STAND' or 'PLANG', then element may be non-blank.				
| | | | | | | | |__Standards-Based-Identifier-Source-Group		choice	1	0600	standards-based-identifier-source
| | | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier
| | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | |__Standards-Based-Document-Identifier		field	1	0266	document-source-assigned-alphanumeric-identifier
| | | | | | | | |__Standards-Based-Document-Revision-Group		choice	1	0600	standards-based-document-revision
| | | | | | | | | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | | | | | | | | | |__Date		field	1	0082	document-revision-generic-date
| | | | | | | | | | |__Time		field	0:1	0160	document-revision-generic-time
| | | | | | | | | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | |__Proprietary-Software-Based-Group	If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'PLANG' then element is non-blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'STAND' then element is blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) is not equal to 'STAND' or 'PLANG', then element may be non-blank.	group	0:1	0600	proprietary-software-based
| | | | | | | | |__Proprietary-Software-Based-Identifier-Source-Group		choice	1	0600	proprietary-software-based-identifier-source
| | | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | |__Proprietary-Software-Based-Identifier		field	1	0024	product-identifier
| | | | | | |__File-Identification-Group		group	1:N	0600	file-identification
| | | | | | | |__File-Identifier		field	1	0206	electronic-document-file-identifier
| | | | | | | |__File-Identifier-Source-Group		choice	0:1	0600	file-identifier-source
| | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | |__File-Origination-Date-Time-Group		group	1	0600	File-origination-date-time

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | |__Date		field	1	0082	electronic-document-file-creation-date
| | | | | | | | |__Time		field	1	0160	electronic-document-file-creation-time
| | | | | | | |__File-Description		field	0:1	0212	document-file-description-text
| | | | | | | |__File-Compression-Method-Code		field	0:1	0214	document-file-compression-method-code
| | | | | | | |__File-Type-Group		group	1	0600	file-type
| | | | | | | | |__File-Type-Code		field	1	0210	document-file-type-code
| | | | | | | | |__File-Type-Information-Group		choice	0:1	0600	file-type-information
| | | | | | | | | |__Standards-Based-Group		group	0:1	0600	standards-based
	If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'STAND' then element is non-blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'PLANG' then element is blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) is not equal to 'STAND' or 'PLANG', then element may be non-blank.				
| | | | | | | | | | |__Standards-Based-Identifier-Source-Group		choice	1	0600	standards-based-identifier-source
| | | | | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | | | | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier
| | | | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | | | |__Standards-Based-Document-Identifier		field	1	0266	document-source-assigned-alphanumeric-identifier
| | | | | | | | | | |__Standards-Based-Document-Revision-Group		choice	1	0600	standards-based-document-revision
| | | | | | | | | | | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | | | | | | | | | | | |__Date		field	1	0082	document-revision-generic-date
| | | | | | | | | | | | |__Time		field	0:1	0160	document-revision-generic-time
| | | | | | | | | | | | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | |__Proprietary-Software-Based-Group		group	0:1	0600	proprietary-software-based
	If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'PLANG' then element is non-blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'STAND' then element is blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) is not equal to 'STAND' or 'PLANG', then element may be non-blank.				
| | | | | | | | | | |__Proprietary-Software-Based-Identifier-Source-Group		choice	1	0600	proprietary-software-based-identifier-source
| | | | | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | | | |__Proprietary-Software-Based-Identifier		field	1	0024	product-identifier
| | | | | | | |__Security-Protection-Group		group	1	0600	security-protection
| | | | | | | | |__Government-Security-Classification-Group		group	1	0600	government-security-classification
| | | | | | | | | |__Government-Security-Classification-Code		field	1	0010	document-security-classification-code
| | | | | | | | | |__Classification-Information-Group		group	0:1	0600	classification-information
	If Government security class equals 'U' or 'FOUO' then the Classification information group is blank else the Classification information group is non- blank				
| | | | | | | | | | |__Classification-Authority-Text		field	1	0155	document-security-classification-authority-text
| | | | | | | | | | |__Classified-Date-Time-Group		group	1	0600	classified-date-time
| | | | | | | | | | | |__Date		field	1	0082	document-security-classification-date
| | | | | | | | | | | |__Time		field	0:1	0160	document-security-classification-time
| | | | | | | | | | | |__Access-Restriction-Code		field	0:N	0085	document-security-access-restriction-code
| | | | | | | | | | | |__Downgrade-Information-Group		group	0:1	0600	downgrade-information
	If Government security class not equal 'U', 'FOUO', 'C', 'NC' or 'NR' then the Downgrade information group is non-blank else the Downgrade information group is blank				
| | | | | | | | | | | |__Downgrade-Classification-Code		field	1	0010	document-security-classification-code
| | | | | | | | | | | |__Downgrade-Event-Date-Time-Group		choice	1	0600	downgrade-event-date-time

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | | | | |__Downgrade-Date-Time-Group		group	0:1	0600	downgrade-date-time
| | | | | | | | | | | | | |__Date		field	1	0082	document-security-classification-downgrade-date
| | | | | | | | | | | | | |__Time		field	0:1	0160	document-security-classification-downgrade-time
| | | | | | | | | | | | |__Downgrade-Event		field	0:1	0156	document-security-classification-downgrade-process-event-name
| | | | | | | | | | |__Declassify-Date-Time-Group		group	1	0600	declassify-date-time
| | | | | | | | | | | |__Date		field	1	0082	document-security-declassification-date
| | | | | | | | | | | |__Time		field	0:1	0160	document-security-declassification-time
| | | | | | | |__Copyright-Information-Group		group	1	0600	copyright-information-group
| | | | | | | | |__Copyright-Type		field	1	0012	document-copyright-code
| | | | | | | | | |__Copyright-Owner-Identification-Group		choice	0:1	0600	copyright-owner-identification
	If Copyright type equal 'N' then element is blank else element is non-blank				
| | | | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier
| | | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | | |__Copyright-Date-Time-Group		group	0:1	0600	copyright-date-time
	If Copyright type equal 'N' then copyright-date-time group is blank else copyright-date-time group is non-blank				
| | | | | | | | | | |__Date		field	1	0082	document-copyright-date
| | | | | | | | | | |__Time		field	0:1	0160	document-copyright-time
| | | | | | | | |__Distribution-Information-Group		group	1	0600	distribution-information
| | | | | | | | | |__Distribution-Statement-Code-Group		group	1	0600	distribution-statement-code
| | | | | | | | | | |__Distribution-Statement-Code		field	1	0014	document-distribution-statement-code
| | | | | | | | | | |__Distribution-Statement-Reason-Code		field	1:N	0015	document-distribution-statement-reason-code

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | |__Distribution-Statement-Information-Group		group	0:1	0600	distribution-statement-information
	If Distribution statement code equal "A" and the Distribution statement reason code equal "00" then the Distribution statement information group is blank else the Distribution statement information group is non-blank				
| | | | | | | | | | |__Distribution-Statement-Determination-Date-Time-Group		group	1	0600	distribution-statement-date-time
| | | | | | | | | | | |__Date		field	1	0082	document-distribution-restriction-determination-date
| | | | | | | | | | | |__Time		field	0:1	0160	document-distribution-restriction-determination-time
| | | | | | | | | | |__Distribution-Controlling-Office-Group		group	1	0600	distribution-controlling-office
| | | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | |__Distribution-Controlling-Office-Name		field	0:1	0044	document-distribution-controller-enterprise-office-name
| | | | | | | | |__Export-Control-Restriction-Code		field	1	0079	document-export-control-code
	If distribution-statement-code equals 'A' then element must be 'N'; If distribution-statement-code equals 'X' then element must be 'Y'.				
| | | | | | | | | |__Data-Rights-Information-Group		group	1	0600	data-rights-information
| | | | | | | | | |__Government-Rights-In-Technical-Data-Code		field	1	0022	technical-document-government-data-rights-code
| | | | | | | | | |__Company-Proprietary-Rights-Code		field	1	0084	document-company-proprietary-data-rights-code
	If the Government Rights in Technical Data code equal 'U' then the element is either 'N' or 'S' else the element is 'P'.				
| | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
	If the Government rights in Technical Data code equal "U" and the Company Proprietary rights code equal "N" then the Company name is blank else the Company name is non-blank				
| | | | | | | | | |__Contract-Authorizing-Government-Rights-Group		group	0:1	0600	contract-identifier-information-authorizing-government-rights
	If the Government rights in Technical Data code equal 'U' or 'N' then the element is blank else the element is non-blank.				
| | | | | | | | | | |__Data-Rights-Contract-Number		field	1	0266	document-source-assigned-alphanumeric-identifier
| | | | | | | | | | |__Data-Rights-Contract-Date-Time-Group		group	1	0600	contact-data-rights-date-time
| | | | | | | | | | | |__Date		field	1	0082	contract-date
| | | | | | | | | | | |__Time		field	0:1	0160	contract-time
| | | | | | | |__File-Information-Group		choice	1	0600	File-information
| | | | | | | | |__Imbedded-File-Information-Group		group	0:1	0600	imbedded-file-information
	Imbedded file information group contains the hexa-decimal representation of the file.				

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | |__File-Size-In-Bytes		field	1	0601	file-size-in-bytes
| | | | | | | | | |__File		field	1	0601	file
| | | | | | | | | |__Computer-Operating-System-Type-Code		field	0:1	0213	computer-operating-system-asset-type-code
| | | | | | | | |__CITIS-Access-Information-Group		group	0:1	0600	contractor-integrated-technical-information-service-information
| | | | | |__Non-Digital-Representation-Group		group	0:1	0600	non-digital-representation-information
	If Document representation medium identification not equal "D" then Non digital Document representation information group is non-blank else Non digital Document representation information group is blank				
| | |__Multi-Sheet-Group		group	0:1	0600	multi-sheet
| | | |__Total-Sheets		field	1	0110	document-sheet-total-quantity
| | | |__Sheets-Group		group	2:N	0600	sheets
| | | | |__Sheet-Number		field	1	0026	document-sheet-identifier
| | | | |__Drawing-Size		field	0:1	0112	document-sheet-size-code
| | | | |__Sheet-Revision-Group		choice	1	0600	sheet-revision
| | | | | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | | | | | |__Date		field	1	0082	document-revision-generic-date
| | | | | | |__Time		field	0:1	0160	document-revision-generic-time
| | | | | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier
| | | | |__Document-Representation-Group		group	1:N	0600	document-representation
| | | | | |__Document-Representation-Originator-Group		choice	1	0600	document-representation-originator
| | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | |__Document-Representation-Custodian-Group		choice	1	0600	document-representation-custodian
| | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | |__Document-Representation-Custodian-Office-Name		field	1	0044	document-custodial-enterprise-office-name
| | | | | |__Document-Representation-Version-Group		group	1	0600	document-representation-version
| | | | | | |__Version-Identification-Group		field	1	0600	version-identification
| | | | | | | |__Version-Date-Time-Group		group	1	0600	version-date-time
| | | | | | | | |__Date		field	1	0082	document-representation-creation-date
| | | | | | | | |__Time		field	0:1	0160	document-representation-creation-time
| | | | | | | |__Alphanumeric-Version-Identifier		field	1	0208	document-representation-version-identifier
| | | | | | |__Version-Status-Group		group	1	0600	version-status
| | | | | | | |__Version-Status-Code		field	1	0021	document-representation-release-process-disposition-status-code
| | | | | | | |__Version-Status-Date-Time-Group		group	1	0600	version-status-date-time
| | | | | | | | |__Date		field	1	0082	document-representation-release-process-disposition-status-date
| | | | | | | | |__Time		field	0:1	0160	document-representation-release-process-disposition-status-time
| | | | | |__Document-Representation-Medium-Code		field	1	0326	document-representation-medium-identification-code
| | | | | |__Document-Representation-Medium-Group		choice	1	0600	representation-medium
| | | | | | |__Digital-Representation-Group		group	0:1	0600	digital-document-representation-information
	If Document representation medium code = 'D' then Digital representation group is non-blank else Digital representation group is blank				
| | | | | | | |__Digital-Representation-Target-Environment-Type-Code		field	1	0210	document-file-type-code
| | | | | | | |__Target-Environment-Group		choice	0:1	0600	target-environment
| | | | | | | | |__Standards-Based-Group		group	0:1	0600	standards-based
	If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'STAND' then element is non-blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'PLANG' then element is blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) is not equal to 'STAND' or 'PLANG', then element may be non-blank.				
| | | | | | | | | |__Standards-Based-Identifier-Source-Group		choice	1	0600	standards-based-identifier-source

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier
| | | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | |__Standards-Based-Document-Identifier		field	1	0266	document-source-assigned-alphanumeric-identifier
| | | | | | | | |__Standards-Based-Document-Revision-Group		choice	1	0600	standards-based-document-revision
| | | | | | | | | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | | | | | | | | | |__Date		field	1	0082	document-revision-generic-date
| | | | | | | | | | |__Time		field	0:1	0160	document-revision-generic-time
| | | | | | | | | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier
| | | | | | | |__Proprietary-Software-Based-Group		group	0:1	0600	proprietary-software-based
	If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'PLANG' then element is non-blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'STAND' then element is blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) is not equal to 'STAND' or 'PLANG', then element may be non-blank.				
| | | | | | | | |__Proprietary-Software-Based-Identifier-Source-Group		choice	1	0600	proprietary-software-based-identifier-source
| | | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | |__Proprietary-Software-Based-Identifier		field	1	0024	product-identifier
| | | | | | |__File-Identification-Group		group	1:N	0600	file-identification
| | | | | | | |__File-Identifier		field	1	0206	electronic-document-file-identifier
| | | | | | | |__File-Identifier-Source-Group		choice	0:1	0600	file-identifier-source
| | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | |__File-Origination-Date-Time-Group		group	1	0600	File-origination-date-time
| | | | | | | | |__Date		field	1	0082	electronic-document-file-creation-date
| | | | | | | | |__Time		field	1	0160	electronic-document-file-creation-time
| | | | | | | |__File-Description		field	0:1	0212	document-file-description-text
| | | | | | | |__File-Compression-Method-Code		field	0:1	0214	document-file-compression-method-code
| | | | | | | |__File-Type-Group		group	1	0600	file-type
| | | | | | | | |__File-Type-Code		field	1	0210	document-file-type-code
| | | | | | | | |__File-Type-Information-Group		choice	0:1	0600	file-type-information
| | | | | | | | | |__Standards-Based-Group		group	0:1	0600	standards-based
	If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'STAND' then element is non-blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'PLANG' then element is blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) is not equal to 'STAND' or 'PLANG', then element may be non-blank.				
| | | | | | | | | | |__Standards-Based-Identifier-Source-Group		choice	1	0600	standards-based-identifier-source
| | | | | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | | | | | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier
| | | | | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | | | | |__Standards-Based-Document-Identifier		field	1	0266	document-source-assigned-alphanumeric-identifier
| | | | | | | | | | | |__Standards-Based-Document-Revision-Group		choice	1	0600	standards-based-document-revision
| | | | | | | | | | | |__Revision-Date-Time-Group		group	0:1	0600	revision-date-time
| | | | | | | | | | | | |__Date		field	1	0082	document-revision-generic-date
| | | | | | | | | | | | |__Time		field	0:1	0160	document-revision-generic-time
| | | | | | | | | | | | |__Alphanumeric-Revision-Identifier		field	0:1	0009	document-alphanumeric-revision-identifier
| | | | | | | | | | |__Proprietary-Software-Based-Group		group	0:1	0600	proprietary-software-based
	If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'PLANG' then element is non-blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) = 'STAND' then element is blank. If file type code (for file-identification-group) or Digital representation target environment type code (for document-representation-group) is not equal to 'STAND' or 'PLANG', then element may be non-blank.				
| | | | | | | | | | | |__Proprietary-Software-Based-Identifier-Source-Group		choice	1	0600	proprietary-software-based-identifier-source
| | | | | | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier
| | | | | | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | | | | | |__Enterprise-Identification-Group		choice	1	0600	enterprise-identifier
| | | | | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | | | |__Proprietary-Software-Based-Identifier		field	1	0024	product-identifier
| | | | | | | |__Security-Protection-Group		group	1	0600	security-protection
| | | | | | | | |__Government-Security-Classification-Group		group	1	0600	government-security-classification
| | | | | | | | | |__Government-Security-Classification-Code		field	1	0010	document-security-classification-code
| | | | | | | | | |__Classification-Information-Group		group	0:1	0600	classification-information
	If Government security class equals 'U' or 'FOUO' then the Classification information group is blank else the Classification information group is non- blank				
| | | | | | | | | | |__Classification-Authority-Text		field	1	0155	document-security-classification-authority-text
| | | | | | | | | | |__Classified-Date-Time-Group		group	1	0600	classified-date-time
| | | | | | | | | | | |__Date		field	1	0082	document-security-classification-date
| | | | | | | | | | | |__Time		field	0:1	0160	document-security-classification-time
| | | | | | | | | | | |__Access-Restriction-Code		field	0:N	0085	document-security-access-restriction-code
| | | | | | | | | | | |__Downgrade-Information-Group		group	0:1	0600	downgrade-information
	If Government security class not equal 'U', 'FOUO', 'C', 'NC' or 'NR' then the Downgrade information group is non-blank else the Downgrade information group is blank				
| | | | | | | | | | | | |__Downgrade-Classification-Code		field	1	0010	document-security-classification-code
| | | | | | | | | | | | |__Downgrade-Event-Date-Time-Group		choice	1	0600	downgrade-event-date-time
| | | | | | | | | | | | | |__Downgrade-Date-Time-Group		group	0:1	0600	downgrade-date-time
| | | | | | | | | | | | | | |__Date		field	1	0082	document-security-classification-downgrade-date
| | | | | | | | | | | | | | |__Time		field	0:1	0160	document-security-classification-downgrade-time
| | | | | | | | | | | | | | |__Downgrade-Event		field	0:1	0156	document-security-classification-downgrade-process-event-name
| | | | | | | | | | | |__Declassify-Date-Time-Group		group	1	0600	declassify-date-time
| | | | | | | | | | | | |__Date		field	1	0082	document-security-declassification-date
| | | | | | | | | | | | |__Time		field	0:1	0160	document-security-declassification-time
| | | | | | | | |__Copyright-Information-Group		group	1	0600	copyright-information-group
| | | | | | | | | |__Copyright-Type		field	1	0012	document-copyright-code
| | | | | | | | | |__Copyright-Owner-Identification-Group		choice	0:1	0600	copyright-owner-identification
	If Copyright type equal 'N' then element is blank else element is non-blank				
| | | | | | | | | | | |__Human-Personal-Identifier-Group		group	0:1	0600	human-personal-identifier
| | | | | | | | | | | | |__Human-Personal-Identifier-Source		field	1	0044	human-personal-identifier-source-identifier

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | | | | |__Human-Personal-Identifier		field	1	0069	human-personal-identifier
| | | | | | | | | | | | |__Enterprise-Identification-Group		choice	0:1	0600	enterprise-identifier
| | | | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | | | |__Copyright-Date-Time-Group		group	0:1	0600	copyright-date-time
	If Copyright type equal 'N' then copyright-date-time group is blank else copyright-date-time group is non-blank				
| | | | | | | | | | | |__Date		field	1	0082	document-copyright-date
| | | | | | | | | | | |__Time		field	0:1	0160	document-copyright-time
| | | | | | | | |__Distribution-Information-Group		group	1	0600	distribution-information
| | | | | | | | | |__Distribution-Statement-Code-Group		group	1	0600	distribution-statement-code
| | | | | | | | | | |__Distribution-Statement-Code		field	1	0014	document-distribution-statement-code
| | | | | | | | | | |__Distribution-Statement-Reason-Code		field	1:N	0015	document-distribution-statement-reason-code
| | | | | | | | | | |__Distribution-Statement-Information-Group		group	0:1	0600	distribution-statement-information
	If Distribution statement code equal "A" and the Distribution statement reason code equal "00" then the Distribution statement information group is blank else the Distribution statement information group is non-blank				
| | | | | | | | | | | |__Distribution-Statement-Determination-Date-Time-Group		group	1	0600	distribution-statement-date-time
| | | | | | | | | | | | |__Date		field	1	0082	document-distribution-restriction-determination-date
| | | | | | | | | | | | |__Time		field	0:1	0160	document-distribution-restriction-determination-time
| | | | | | | | | | | |__Distribution-Controlling-Office-Group		group	1	0600	distribution-controlling-office
| | | | | | | | | | | | |__Enterprise-Identifier-Code-Group		group	0:1	0600	enterprise-identifier-code
| | | | | | | | | | | | | |__Identifier-Code-List-Source-Certifier		field	1	0327	enterprise-identifier-code-list-certifying-organization-identifier-code
| | | | | | | | | | | | | |__Identifier-Code-List-Identifier-Code		field	1	0328	enterprise-identifier-code-list-identifier-code
| | | | | | | | | | | | | |__Identifier-Code		field	1	0329	enterprise-identifier-code
| | | | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
| | | | | | | | | | | |__Distribution-Controlling-Office-Name		field	0:1	0044	document-distribution-controller-enterprise-office-name

Element Name	Business Rule	Element Type	Cardinality	DED	Role Name:
| | | | | | | | | |__Export-Control-Restriction-Code		field	1	0079	document-export-control-code
	If distribution-statement-code equals 'A' then element must be 'N'; If distribution-statement-code equals 'X' then element must be 'Y'.				
| | | | | | | | | |__Data-Rights-Information-Group		group	1	0600	data-rights-information
| | | | | | | | | | |__Government-Rights-In-Technical-Data-Code		field	1	0022	technical-document-government-data-rights-code
| | | | | | | | | | |__Company-Proprietary-Rights-Code		field	1	0084	document-company-proprietary-data-rights-code
	If the Government Rights in Technical Data code equal 'U' then the element is either 'N' or 'S' else the element is 'P'.				
| | | | | | | | | | |__Company-Name		field	0:1	0170	enterprise-name
	If the Government rights in Technical Data code equal "U" and the Company Proprietary rights code equal "N" then the Company name is blank else the Company name is non-blank				
| | | | | | | | | | |__Contract-Authorizing-Government-Rights-Group		group	0:1	0600	contract-identifier-information-authorizing-government-rights
	If the Government rights in Technical Data code equal 'U' or 'N' then the element is blank else the element is non-blank.				
| | | | | | | | | | | |__Data-Rights-Contract-Number		field	1	0266	document-source-assigned-alphanumeric-identifier
| | | | | | | | | | | |__Data-Rights-Contract-Date-Time-Group		group	1	0600	contact-data-rights-date-time
| | | | | | | | | | | | |__Date		field	1	0082	contract-date
| | | | | | | | | | | | |__Time		field	0:1	0160	contract-time
| | | | | | | | |__File-Information-Group		choice	1	0600	File-information
| | | | | | | | | |__Imbedded-File-Information-Group		group	0:1	0600	imbedded-file-information
	Imbedded file information group contains the hexa-decimal representation of the file.				
| | | | | | | | | | |__File-Size-In-Bytes		field	1	0601	file-size-in-bytes
| | | | | | | | | | |__File		field	1	0601	file
| | | | | | | | | | |__Computer-Operating-System-Type-Code		field	0:1	0213	computer-operating-system-asset-type-code
| | | | | | | | | |__CITIS-Access-Information-Group		group	0:1	0600	contractor-integrated-technical-information-service-information
| | | | | | |__Non-Digital-Representation-Group		group	0:1	0600	non-digital-representation-information
	If Document representation medium identification not equal "D" then Non digital Document representation information group is non-blank else Non digital Document representation information group is blank				