

DMC-USARMY-0A00-00-00-00-00A-022A-D

Issue 4.0 BREX

United States Army - Business rules exchange data module

Total Rules	137	Issue # / In-Work #	003 / 00	Responsible Partner Company (Enterprise Code):	USAMC Logistics Support Activity (LOGSA) (1L6T4)
Total @allowedObjectFlag	89	Language / Country:	en / US	Originator (Enterprise Code):	BTAS COE (07GB6)
Total rules w/minimum of 1 value	48	Issue Date (YYYY-MM-DD):	2013-08-15		
Possible validations	137	Issue Type: Update	Security: Unclassified		

BREX DM Reference: [DMC-S1000D-A-04-10-0301-00A-022A-D](#) (S1000D - Default business rules exchange data module)

Additional References

External 1. [MIL-STD-3031A](#) (ARMY BUSINESS RULES FOR S1000D: INTERNATIONAL SPECIFICATION FOR TECHNICAL PUBLICATIONS UTILIZING A REFERENCES - COMMON SOURCE DATA BASE)

Structure Object Rules			
#	Path	Use	Value
1.	Prohibited use of: //dmStatus[@issueType="revised" and //changelnline]	ERROR - Rule violated: (Prohibited inclusion of the declared issueType "revised" and changed content (inclusion of element /changelnline/).) With new revisions, all previous change information shall be removed, but should be maintained for configuration control of the previous revisions to the publication. (MIL-STD-3031A #5.8.1.2)	
2.	Required use of: //qualityAssurance[firstVerification secondVerification]	ERROR - Rule violated: (Prohibited inclusion of the element /unverified/.) Final delivery to the customer shall not include unverified data modules. At a minimum, /qualityAssurance/ must be /firstVerification/ (first verification or validation) (JS) (MIL-STD-3031A #5.10.1.1)	
3.	Prohibited use of: //hotspot/hotspot	ERROR - Rule violated: (Prohibited inclusion of a nested hotspot, element /hotspot/ within /hotspot/.) Hotspots shall not be nested. (MIL-STD-3031A #5.14.1.2)	
4.	Prohibited use of: //multimedia/@securityClassification != "01" or //multimediaObject/@securityClassification != "01"	ERROR - Rule violated: (Either the element /multimedia/ or /multimediaObject/ has declared a security classification other than unclassified [01].) Audio and video shall not convey classified data. (MIL-STD-3031A #5.16.1.1)	
5.	Prohibited use of: //@vitalWarningFlag	ERROR - Rule violated: (Prohibited inclusion of the attribute vitalWarningFlag.) The attribute vitalWarningFlag on the element /warning/ shall not be used. (MIL-STD-3031A #5.17.1.7)	
6.	Prohibited use of: //description/*[warning caution] and not (//dmIdent/dmCode/@infoCode = "012")	ERROR - Rule violated: (Prohibited inclusion of the element /warning/ or the element /caution/ or incorrect information code used for the safety summary (IC 012).) Warnings and cautions shall not be used in descriptive data, except in the case of a publication's safety summary (IC 012J). (JS) (MIL-STD-3031A #5.17.1.9 and #5.32.1.4)	
7.	Prohibited use of: //@warningType	ERROR - Rule violated: (Prohibited inclusion of the attribute warningType.) The attribute warningType shall not be used. (MIL-STD-3031A #5.17.1.16)	
8.	Prohibited use of:	ERROR - Rule violated: (Prohibited	

	//@cautionType	inclusion of the attribute cautionType.) The attribute cautionType shall not be used. (MIL-STD-3031A #5.17.1.17)	
9.	Prohibited use of: //@noteType	ERROR - Rule violated: (Prohibited inclusion of the attribute noteType.) The attribute noteType shall not be used. (MIL-STD-3031A #5.17.1.18)	
10.	Prohibited use of: //dmAddress/dmIdent/dmCode/@infoCode="00R"	ERROR - Rule violated: (Prohibited use of the LOEP information code [IC 00R].) Publications shall not have a List of Effective Pages. (JS) (MIL-STD-3031A #5.18.1.1)	
11.	Prohibited use of: //dmAddressItems/dmTitle[not (infoName)]	ERROR - Rule violated: (Prohibited exclusion of the element /infoName/ within the parent element /dmTitle/, within element /dmAddressItems/.). Use of the element /infoName/ is mandatory (JS) (MIL-STD-3031A #5.19.1.1)	
12.	Prohibited use of: //dmAddressItems/dmTitle/infoName[not (text())]	ERROR - Rule violated: (The required element /infoName/ is empty [within the parent element /dmTitle/, within element /dmAddressItems/.].) Use of the element /infoName/ is mandatory (JS) (MIL-STD-3031A #5.19.1.1)	
13.	Required use of: //dmIdent/language [attribute::languageIsoCode="en" or attribute::languageIsoCode="sx" and attribute::countryIsoCode="US"]	ERROR - Rule violated: (Within the element /language/ (in /dmIdent/), either attribute languageIsoCode or attribute countryIsoCode includes a prohibited value.) The attribute languageIsoCode shall be set to English ("en") or Simplified Technical English ("sx") and the attribute countryIsoCode value shall be set to the United States ("US"). (MIL-STD-3031A #5.19.1.3)	
14.	Prohibited use of: //pmStatus/security[not(@caveat)]	WARNING - Manual verification required: (Verify the use of the attribute caveat.) The attributes securityClassification and caveat on the element /security/ within /pmStatus/ shall contain the overall classification of the publication as specified in DoD 5200 1- R. (JS) (MIL-STD-3031A #5.19.1.4)	
15.	Prohibited use of: //pmStatus[not(dataRestrictions)]	ERROR - Rule violated: (Prohibited exclusion of the required element /dataRestrictions/ within element /pmStatus/.). The optional element /dataRestrictions/ (and appropriate child elements as indicated in 5.19.1.7.1 through 5.19.1.7.8) shall be used for all publication modules and data modules. (JS) (MIL-STD-3031A #5.19.1.7 and #5.69.1.4)	
16.	Prohibited use of: //dmStatus[not(dataRestrictions)]	ERROR - Rule violated: (Prohibited exclusion of element /dataRestrictions/ within element /dmStatus/.). The optional element /dataRestrictions/ (and appropriate child elements as indicated in 5.19.1.7.1 through 5.19.1.7.8) shall be used for all publication modules and data modules. (JS) (MIL-STD-3031A #5.19.1.7 and #5.69.1.4)	
17.	Prohibited use of: //dataRestrictions/restrictionInstructions [not(dataDestruction)]	ERROR - Rule violated: (Prohibited exclusion of the required element /dataDestruction/ within element /restrictionInstructions/.). For classified and unclassified documents, the element /dataDestruction/ within /restrictionInstructions/ shall contain the following text "Destroy by any means possible to prevent disclosure of contents or reconstruction of the document." Classified data must also be compliant with DODD 5220.22-M and DODI 5200.01-R. (JS) (MIL-STD-3031A #5.19.1.7.4)	
18.	Prohibited use of: //pmStatus/dataRestrictions/restrictionInfo[not(copyright)]	WARNING - Manual verification required: (Verify the contents of the element /copyright/ within element /pmStatus/.). Publications should not contain copyrighted material except as specified in the Federal	

		Acquisition Regulations (FAR) and Defense Federal Acquisition Regulation (DFAR) Supplement. When copyrighted or proprietary material is included in a publication, the author shall obtain prior written permission from the copyright owner or authorized agent for its use. The signed, written permission shall contain a statement declaring whether or not a copyright credit line is required. When a copyright credit line is required, the following information shall appear in the /copyright/ element of the data module: "This document contains copyright or proprietary materials. Infringement of copyright or proprietary material may violate existing Federal laws and statutes and result in criminal penalties, imprisonment, or removal from office." (JS) (MIL-STD-3031A #5.19.1.7.6)	
19.	Prohibited use of: //pmStatus/dataRestrictions/restrictionInfo/copyright/copyrightPara/randomList/listItem/para/randomList	ERROR - Rule violated: (The element /copyright/ contains a prohibited nested random list.) If random lists are used in the element /copyright/ they shall contain only one level. (MIL-STD-3031A #5.19.1.7.6.1)	
20.	Prohibited use of: //pmStatus/dataRestrictions/restrictionInfo[not(policyStatement)]	ERROR - Rule violated: (Prohibited exclusion of the required element /policyStatement/ within element /pmStatus./) The element /policyStatement/ within /restrictionInfo/ within /dataRestrictions/ within /pmStatus/ shall contain the classification source and reason for classification for the publication as specified in DoD 5200.1-R. (JS) (MIL-STD-3031A #5.19.1.7.7)	
21.	Prohibited use of: //dmStatus/techStandard/authorityNotes[not(text())]	WARNING - Manual verification required: (Prohibited use of the empty element /authorityNotes/ within element /dmStatus./) If /techStandard/ is used, and there are no notes, projects shall populate the element /authorityNotes/ in /techStandard/ with the following text, "None." (JS) (MIL-STD-3031A #5.19.1.9)	
22.	Prohibited use of: //identAndStatusSection[descendant-or-self::dmAddress[descendant-or-self::issueInfo[attribute::issueNumber != 000 and attribute::issueNumber != 001]] and not(descendant-or-self::reasonForUpdate)]	ERROR - Rule violated: (Prohibited exclusion of the required element /reasonForUpdate./) Reason for update shall be used to automatically generate a highlights data module. It shall be used from issue "002" upwards. (JS) (MIL-STD-3031A #5.19.1.12)	
23.	Prohibited use of: //logo	ERROR - Rule violated: (Prohibited inclusion of the element /logo./) The element /logo/ shall not be used. (MIL-STD-3031A #5.19.1.16)	
24.	Prohibited use of: //dmStatus/skillLevel	ERROR - Rule violated: (Prohibited inclusion of the element /skillLevel/ within element /dmStatus./) The element /skillLevel/ (within element /dmStatus/) shall not be used. (MIL-STD-3031A #5.19.1.17)	
25.	Prohibited use of: //dmStatus/productSafety	ERROR - Rule violated: (Prohibited inclusion of the element /productSafety/ within element /dmStatus./) The element /productSafety/ shall not be used. (MIL-STD-3031A #5.19.1.18)	
26.	Prohibited use of: //qualityAssurance[not(secondVerification)]	WARNING - Manual verification required: (Verify the delivery status of the data module is acceptable with anything other than /secondVerification./) Second verification (element /secondVerification/ on element /qualityAssurance/) is mandatory for final delivery. (MIL-STD-3031A #5.19.1.19)	
27.	Prohibited use of:	ERROR - Rule violated: (Prohibited	

	//dmStatus[not(@issueType)]	exclusion of the attribute issueType on element /dmStatus/. Use of the attribute issueType is mandatory. (MIL-STD-3031A #5.19.1.20)	
28.	Prohibited use of: //*[@changeType="delete" and @changeMark=1]	ERROR - Rule violated: (The attribute changeMark must be set to 0 for deleted content.) Deleted content shall be marked accordingly within the data module. Content marked as deleted shall not be rendered for print or display (JS) (MIL-STD-3031A #5.20.1.1)	
29.	Prohibited use of: //internalRef[not(@internalRefTargetType)]	ERROR - Rule violated: (Prohibited exclusion of the required attribute internalRefTargetType.) The attribute internalRefTargetType shall be used to identify the link type and to display captions as needed (e.g., "Fig," "Table"). (MIL-STD-3031A #5.21.1.3)	
30.	Prohibited use of: //internalRef[attribute::internalRefId = //definitionListItem/@id]	ERROR - Rule violated: (Prohibited linking to a list item, @internalRefId is the same as @id on element /definitionListItem/. A list item shall not be the destination of a link. (MIL-STD-3031A #5.21.1.4)	
31.	Prohibited use of: //internalRef[attribute::internalRefId = //listItem/@id]	ERROR - Rule violated: (Prohibited linking to a list item, @internalRefId is the same as @id on element /listItem/. A list item shall not be the destination of a link. (MIL-STD-3031A #5.21.1.4)	
32.	Prohibited use of: //title[functionalItemRef circuitBreakerRef controlIndicatorRef zoneRef accessPointRef internalRef dmRef pmRef externalPubRef footnoteRef]	ERROR - Rule violated: (The element /title/ contains the prohibited use of a reference [functionalItemRef circuitBreakerRef controlIndicatorRef zoneRef accessPointRef internalRef dmRef pmRef externalPubRef footnoteRef].) Titles shall not contain references. (MIL-STD-3031A #5.21.1.6)	
33.	Prohibited use of: //dmRef/dmRefAddressItems[not(dmTitle)]	ERROR - Rule violated: (Prohibited exclusion of the required element /dmTitle/ within /dmRef/. The element /dmRef/ shall include /dmCode/ and /dmTitle/, but shall not include /issueInfo/ or /issueDate/ of the referenced data module. (JS) (MIL-STD-3031A #5.21.1.7 and #5.21.1.9)	
34.	Prohibited use of: //dmRef/dmRefIdent/issueInfo	ERROR - Rule violated: (Prohibited inclusion of the element /issueInfo/ within the parent element /dmRef/. The element /dmRef/ shall include /dmCode/ and /dmTitle/, but shall not include /issueInfo/ or /issueDate/ of the referenced data module. (JS) (MIL-STD-3031A #5.21.1.7)	
35.	Prohibited use of: //dmRef[not(dmRefAddressItems)]	ERROR - Rule violated: (Prohibited exclusion of the required element /dmRefAddressItems/. The element /dmRefAddressItems/ shall be used. (MIL-STD-3031A #5.21.1.8)	
36.	Prohibited use of: //pmRef/pmRefIdent[issueInfo language]	ERROR - Rule violated: (Prohibited inclusion of the element /issueInfo/ or element /language/ within the element /pmRef/. The element /pmRef/ shall include the element /pmCode/ and element /pmTitle/. The element /issueInfo/ and element /language/ are prohibited. All other information is optional. (MIL-STD-3031A #5.21.1.10)	
37.	Prohibited use of: //pmRef/pmRefIdent[not(pmCode)]	ERROR - Rule violated: (Prohibited exclusion of the element /pmCode/ within element /pmRef/. The element /pmRef/ shall include the element /pmCode/ and element /pmTitle/. The element /issueInfo/ and element /language/ are prohibited. All other information is optional. (MIL-STD-3031A #5.21.1.10)	
38.	Prohibited use of: //pmRef/pmRefAddressItems[not	ERROR - Rule violated: (Prohibited exclusion of the element /pmTitle/ within	

	(pmTitle)]	element /pmref/.) The element /pmRef/ shall include the element /pmCode/ and element /pmTitle/. The element /issueInfo/ and element /language/ are prohibited. All other information is optional. (MIL-STD-3031A #5.21.1.10 and #5.21.1.12)	
39.	Prohibited use of: //pmRef[not(pmRefAddressItems)]	ERROR - Rule violated: (Prohibited exclusion of the element /pmRefAddressItems/ within /pmRef/.) The element /pmRefAddressItems/ shall be used. (MIL-STD-3031A #5.21.1.11)	
40.	Prohibited use of: //externalPubRef/externalPubRefIdent [not(externalPubCode)]	ERROR - Rule violated: (Prohibited exclusion of the element /externalPubCode/ within element /externalPubRef/.) The element /externalPubRef/ shall include the element /externalPubTitle/ and the element /externalPubCode/. All other information is optional. (MIL-STD-3031A #5.21.1.13)	
41.	Prohibited use of: //externalPubRef/externalPubRefIdent [not(externalPubTitle)]	ERROR - Rule violated: (Prohibited exclusion of the element /externalPubTitle/ within element /externalPubRef/.) The element /externalPubTitle/ shall be used. (MIL-STD-3031A #5.21.1.14)	
42.	Prohibited use of: //refs/*behavior	ERROR - Rule violated: (Prohibited inclusion of the element /behavior/ within element /refs/.) The element /behavior/ shall not be used in any /refs/ child elements. (MIL-STD-3031A #5.21.1.15)	
43.	Prohibited use of: //dmRef/dmRefAddressItems/issueDate or //dmRef/dmRefIdent/issueInfo or //dmRef/dmRefIdent/language	ERROR - Rule violated: (Within the parent element /dmRef/, one or more of the following prohibited elements is included: /issueDate/, /issueInfo/, or /language/.) The data module reference shall not contain issue date, in-work numbers, language, or country codes. (MIL-STD-3031A #5.21.1.16)	
44.	Prohibited use of: //captionGroup	ERROR - Rule violated: (Prohibited inclusion of the element /captionGroup/.) The optional /captionGroup/ element shall not be used. (MIL-STD-3031A #5.23.1.1)	
45.	Prohibited use of: //proceduralStep/title	ERROR - Rule violated: (Prohibited inclusion of the element /title/ within element /proceduralStep/.) Procedural steps shall not have titles. (MIL-STD-3031A #5.24.1.1 and #5.33.1.1)	
46.	Prohibited use of: //levelledPara[not(title)]	ERROR - Rule violated: (Prohibited exclusion of the element /title/ within element /levelledPara/.) Primary paragraphs and subparagraphs shall have titles. (MIL-STD-3031A #5.24.1.2)	
47.	Prohibited use of: //table/graphic	ERROR - Rule violated: (Prohibited inclusion of the element /graphic/ within element /table/.) The /graphic/ branch of the element /table/ shall not be used. (MIL-STD-3031A #5.25.1.1)	
48.	Prohibited use of: //person	ERROR - Rule violated: (Prohibited inclusion of the element /person/.) The element /person/ shall not be used. (MIL-STD-3031A #5.28.1.6)	
49.	Prohibited use of: //preliminaryRqmts/*natoStockNumber	ERROR - Rule violated: (Prohibited inclusion of the element /natoStockNumber/ anywhere within element /preliminaryRqmts/.) NSNs shall not be used in preliminary requirements. (MIL-STD-3031A #5.28.1.9)	
50.	Prohibited use of: //preliminaryRqmts/*partAndSerialNumber	ERROR - Rule violated: (Prohibited inclusion of the element /partAndSerialNumber/ anywhere within element /preliminaryRqmts/.) The element /partAndSerialNumber/ shall not be used. (MIL-STD-3031A #5.28.1.10)	

51.	Prohibited use of: //@authorityName	ERROR - Rule violated: (Prohibited inclusion of the attribute authorityName.) The attributes authorityName and authorityDocument shall not be used. (MIL-STD-3031A #5.30.1.1)	
52.	Prohibited use of: //@authorityDocument	ERROR - Rule violated: (Prohibited inclusion of the attribute authorityDocument.) The attributes authorityName and authorityDocument shall not be used. (MIL-STD-3031A #5.30.1.1)	
53.	Prohibited use of: //commonInfo/note	ERROR - Rule violated: (Prohibited inclusion of the element /note/ within the element /commonInfo/. Content must be authored using the element /commonInfoDescrPara/.) The element /commonInfo/ has one branch that contains /note/, /para/, and /commonInfoDescrPara/ and one branch that contains only /commonInfoDescrPara/. The branch containing /note/, /para/, and /commonInfoDescrPara/ shall not be used. (MIL-STD-3031A #5.31.1.2)	
54.	Prohibited use of: //commonInfo/para	ERROR - Rule violated: (Prohibited inclusion of the element /para/ within the element /commonInfo/. Content must be authored using the element /commonInfoDescrPara/.) The element /commonInfo/ has one branch that contains /note/, /para/, and /commonInfoDescrPara/ and one branch that contains only /commonInfoDescrPara/. The branch containing /note/, /para/, and /commonInfoDescrPara/ shall not be used. (MIL-STD-3031A #5.31.1.2)	
55.	Prohibited use of: //levelledPara/levelledPara/levelledPara/levelledPara/levelledPara/levelledPara	ERROR - Rule violated: (Nested levels of the element /levelledPara/ have been exceeded.) Paragraph depth shall be limited to a primary paragraph plus four subparagraph levels. (MIL-STD-3031A #5.32.1.2)	
56.	Prohibited use of: //description/*[warning caution] and not ((/dmIdent/dmCode/@infoCode = "012"))	ERROR - Rule violated: (Prohibited inclusion of the element /warning/ or the element /caution/ or incorrect information code used for the safety summary (IC 012).) Warnings and cautions shall not be used in descriptive data, except in the case of a publication's warning summary. (MIL-STD-3031A #5.32.1.3)	
57.	Prohibited use of: //figure[not(@id)]	ERROR - Rule violated: (Prohibited exclusion of the attribute id on the element /figure/.) The use of the attribute id is required on the following items: a. /figure/, b. /table/, c. /levelledPara/, d. /supportEquipDescr/, e. /proceduralStep/ and /crewDrillStep/, f. /multimediaObject/. The attribute id values shall be unique within a data module. Projects may determine attribute id value format. (JS). Use of the attribute id in /supportEquipDescr/ is required in Army publications, but it is not a Joint Service requirement. (MIL-STD-3031A #5.32.1.4)	
58.	Prohibited use of: //table[not(@id)]	ERROR - Rule violated: (Prohibited exclusion of the attribute id on the element /table/.) The use of the attribute id is required on the following items: a. /figure/, b. /table/, c. /levelledPara/, d. /supportEquipDescr/, e. /proceduralStep/ and /crewDrillStep/, f. /multimediaObject/. The attribute id values shall be unique within a data module. Projects may determine attribute id value format. (JS). Use of the attribute id in /supportEquipDescr/ is required in Army publications, but it is not a Joint Service requirement. (MIL-STD-3031A #5.32.1.4)	

59.	Prohibited use of: //levelledPara[not(@id)]	ERROR - Rule violated: (Prohibited exclusion of the attribute id on the element /levelledPara/.) The use of the attribute id is required on the following items: a. /figure/, b. /table/, c. /levelledPara/, d. /supportEquipDescr/, e. /proceduralStep/ and /crewDrillStep/, f. /multimediaObject/. The attribute id values shall be unique within a data module. Projects may determine attribute id value format. (JS). Use of the attribute id in /supportEquipDescr/ is required in Army publications, but it is not a Joint Service requirement. (MIL-STD-3031A #5.32.1.4)	
60.	Prohibited use of: //supportEquipDescr[not(@id)]	ERROR - Rule violated: (Prohibited exclusion of the attribute id on the element /supportEquipDescr/.) The use of the attribute id is required on the following items: a. /figure/, b. /table/, c. /levelledPara/, d. /supportEquipDescr/, e. /proceduralStep/ and /crewDrillStep/, f. /multimediaObject/. The attribute id values shall be unique within a data module. Projects may determine attribute id value format. (JS). Use of the attribute id in /supportEquipDescr/ is required in Army publications, but it is not a Joint Service requirement. (MIL-STD-3031A #5.32.1.4)	
61.	Prohibited use of: //proceduralStep[not(@id)]	ERROR - Rule violated: (Prohibited exclusion of the attribute id on the element /proceduralStep/.) The use of the attribute id is required on the following items: a. /figure/, b. /table/, c. /levelledPara/, d. /supportEquipDescr/, e. /proceduralStep/ and /crewDrillStep/, f. /multimediaObject/. The attribute id values shall be unique within a data module. Projects may determine attribute id value format. (JS). Use of the attribute id in /supportEquipDescr/ is required in Army publications, but it is not a Joint Service requirement. (MIL-STD-3031A #5.32.1.4)	
62.	Prohibited use of: //crewDrillStep[not(@id)]	ERROR - Rule violated: (Prohibited exclusion of the attribute id on the element /crewDrillStep/.) The use of the attribute id is required on the following items: a. /figure/, b. /table/, c. /levelledPara/, d. /supportEquipDescr/, e. /proceduralStep/ and /crewDrillStep/, f. /multimediaObject/. The attribute id values shall be unique within a data module. Projects may determine attribute id value format. (JS). Use of the attribute id in /supportEquipDescr/ is required in Army publications, but it is not a Joint Service requirement. (MIL-STD-3031A #5.32.1.4)	
63.	Prohibited use of: //multimediaObject[not(@id)]	ERROR - Rule violated: (Prohibited exclusion of the attribute id on the element /multimediaObject/.) The use of the attribute id is required on the following items: a. /figure/, b. /table/, c. /levelledPara/, d. /supportEquipDescr/, e. /proceduralStep/ and /crewDrillStep/, f. /multimediaObject/. The attribute id values shall be unique within a data module. Projects may determine attribute id value format. (JS). Use of the attribute id in /supportEquipDescr/ is required in Army publications, but it is not a Joint Service requirement. (MIL-STD-3031A #5.32.1.4)	
64.	Prohibited use of: //isolationStep/title	ERROR - Rule violated: (Prohibited inclusion of the element /title/ within element /isolationStep/.) Steps shall not	

		have titles. (MIL-STD-3031A #5.34.1.1)	
65.	Prohibited use of: //faultIsolation/preliminaryRqmts	ERROR - Rule violated: (Prohibited inclusion of the element /preliminaryRqmts/ within element /faultIsolation/.) To avoid duplication, the element /preliminaryRequirements/ shall not be used in the /faultIsolation/ structure as it is required in the /isolationProcedure/ structure. (MIL-STD-3031A #5.34.1.3)	
66.	Prohibited use of: //maintPlanning/preliminaryRqmts	ERROR - Rule violated: (Prohibited inclusion of the element /preliminaryRqmts/ within the parent element /maintPlanning/.) The element /maintPlanning/ allows for several branch options. Only the use of /commonInfo/, /maintAllocation/, /tools List/, and /remarksList/ is allowed. The /preliminaryRequirements/, /inspectionDefinition/, /taskDefinition/, and /timeLimitInfo/ branches of the schedule data module shall not be used. (MIL-STD-3031 #5.35.1.1)	
67.	Prohibited use of: //maintPlanning/inspectionDefinition	ERROR - Rule violated: (Prohibited inclusion of the element /inspectionDefinition/ within the parent element /maintPlanning/.) The element /maintPlanning/ allows for several branch options. Only the use of /commonInfo/, /maintAllocation/, /tools List/, and /remarksList/ is allowed. The /preliminaryRequirements/, /inspectionDefinition/, /taskDefinition/, and /timeLimitInfo/ branches of the schedule data module shall not be used. (MIL-STD-3031 #5.35.1.1)	
68.	Prohibited use of: //maintPlanning/taskDefinition	ERROR - Rule violated: (Prohibited inclusion of the element /taskDefinition/ within the parent element /maintPlanning/.) The element /maintPlanning/ allows for several branch options. Only the use of /commonInfo/, /maintAllocation/, /tools List/, and /remarksList/ is allowed. The /preliminaryRequirements/, /inspectionDefinition/, /taskDefinition/, and /timeLimitInfo/ branches of the schedule data module shall not be used. (MIL-STD-3031 #5.35.1.1)	
69.	Prohibited use of: //maintPlanning/timeLimitInfo	ERROR - Rule violated: (Prohibited inclusion of the element /timeLimitInfo/ within the parent element /maintPlanning/.) The element /maintPlanning/ allows for several branch options. Only the use of /commonInfo/, /maintAllocation/, /tools List/, and /remarksList/ is allowed. The /preliminaryRequirements/, /inspectionDefinition/, /taskDefinition/, and /timeLimitInfo/ branches of the schedule data module shall not be used. (MIL-STD-3031 #5.35.1.1)	
70.	Prohibited use of: //maintAllocationGroup/componentAssy	ERROR - Rule violated: (Prohibited inclusion of the element /componentAssy/ within element /maintAllocationGroup/.) The element /componentAssy/ shall be used only within the element /componentAssyGroup/ and not in a separate branch. (MIL-STD-3031A #5.35.1.3)	
71.	Prohibited use of: //maintAllocationGroup/maintQualifier	ERROR - Rule violated: (Prohibited inclusion of the element /maintQualifier/ within element /maintAllocationGroup/.) The element /maintQualifier/ shall be used only within the element /componentAssyGroup/ and not in a separate branch. (MIL-STD-3031A #5.35.1.5)	
72.	Prohibited use of: //illustratedPartsCatalog[not(figure	ERROR - Rule violated: (Prohibited exclusion of the element /figure/ or	

	multimedia)] and not ((dmIdent/dmCode/@infoCode ="603")	element /multimedia/ within /illustratedPartsCatalog/. A Bulk items DM (IC 603B) should not include a figure or multimedia and is the only exception.) A single /figure/ or element /multimedia/ shall precede each parts list. (MIL-STD-3031A #5.37.1.1 and #5.93.9.1.1)	
73.	Values are restricted: //@natoSupplyClass	ERROR - Value out of range: (@natoSupplyClass must be four digits.) The following attributes of the element /natoStockNumber/ shall be used: a. natoSupplyClass shall contain the four-digit Federal Supply Classification (FSC); b. natoCodificationBureau shall contain the first two digits of the National Item Identification Number (NIIN); c. natoItemIdentNumberCore shall contain the final seven digits of the NIIN. (MIL- STD-3031A #5.37.1.15)	Pattern: \d{4}
74.	Values are restricted: //@natoCodificationBureau	ERROR - Value out of range: (@natoCodificationBureau must be two digits.) The following attributes of the element /natoStockNumber/ shall be used: a. natoSupplyClass shall contain the four-digit Federal Supply Classification (FSC); b. natoCodificationBureau shall contain the first two digits of the National Item Identification Number (NIIN); c. natoItemIdentNumberCore shall contain the final seven digits of the NIIN. (MIL- STD-3031A #5.37.1.15)	Pattern: \d{2}
75.	Values are restricted: //@natoItemIdentNumberCore	ERROR - Value out of range: (@natoItemIdentNumberCore must be seven digits.) The following attributes of the element /natoStockNumber/ shall be used: a. natoSupplyClass shall contain the four-digit Federal Supply Classification (FSC); b. natoCodificationBureau shall contain the first two digits of the National Item Identification Number (NIIN); c. natoItemIdentNumberCore shall contain the final seven digits of the NIIN. (MIL- STD-3031A #5.37.1.15)	Pattern: \d{7}
76.	Prohibited use of: //fullNatoStockNumber	ERROR - Rule violated: (Prohibited inclusion of the element /fullNatoStockNumber/.) The element /fullNatoStockNumber/ is prohibited. (MIL-STD-3031A #5.37.1.16)	
77.	Prohibited use of: //catalogSeqNumber[@indenture > 5]	ERROR - Rule violated: (Exceeded allowed levels of indenture. Attribute indenture value on element /catalogSeqNumber/ must be "5" or less.) Catalog sequence number shall not exceed five levels of indenture (the value of the attribute indenture in /catalogSeqNumber/ shall not exceed "5"). (MIL-STD-3031A #5.37.1.29)	
78.	Prohibited use of: //catalogSeqNumber[1][not (@catalogSeqNumberValue)] and not ((dmIdent/dmCode/@infoCode ="603")	ERROR - Rule violated: (Prohibited exclusion of the attribute catalogSeqNumberValue on the first occurrence of element /catalogSeqNumber/ in an IPD DM. A Bulk items DM (IC 603B) should not include a figure or multimedia and is the only exception.) The attribute catalogSeqNumberValue on the first occurrence of /catalogSeqNumber/ in each IPD data module is required. It shall be used to generate IPD figure numbers. (MIL-STD-3031A #5.37.1.30 and #5.93.9.1.1)	
79.	Prohibited use of: //catalogSeqNumber[starts-with (@catalogSeqNumberValue, " ")]	ERROR - Rule violated: (Prohibited inclusion of blanks (for SNS) in attribute catalogSeqNumberValue in the element /catalogSeqNumber/.) The use of non-chapterized CSNs is prohibited. (MIL-STD-3031A #5.37.1.31)	

80.	Values are restricted: //service	ERROR - Value out of range: (The element /service/ includes an unapproved code - use of USA, USN, USF, USM, or USC only.) The first two characters for the /service/ code shall be US. The third character shall specify the originating service for which the part data is applicable as follows: a. A - Army, b. N - Navy, c. F - Air Force, d. M - Marine Corps, e. C - Coast Guard (JS) (MIL-STD-3031A #5.37.1.35)	Single Value: USN, Navy Single Value: USA, Army Single Value: USF, Air Force Single Value: USM, Marine Corps Single Value: USC, Coast Guard
81.	Values are restricted: //@genericPartDataName	ERROR - Value out of range: (Allowed values: basisOfIssue or qtyPerEndItem.) The attribute genericPartDataName shall contain only "qtyPerEndItem" or "basisOfIssue" as applicable. (MIL-STD-3031A #5.37.1.38)	Single Value: basisOfIssue, Basis of issue Single Value: qtyPerEndItem, Quantity per end item
82.	Prohibited use of: //initialProvisioningProject	ERROR - Rule violated: (Prohibited inclusion of the element /initialProvisioningProject/.) The element /initialProvisioningProject/ and its attributes shall not be used. (MIL-STD-3031A #5.37.1.40)	
83.	Prohibited use of: //partIdentSegment/physicalSecurityPilferageCode	ERROR - Rule violated: (Prohibited inclusion of the element /physicalSecurityPilferageCode/ within element /partIdentSegment/.) The element /physicalSecurityPilferageCode/ shall not be used in parts list data. (MIL-STD-3031A #5.37.1.44)	
84.	Values are restricted: //@accessPointTypeValue	ERROR - Value out of range: (Allowed values: accpn101-accpn103, accpn151-accpn154, accpn166-accpn199) Attribute accessPointTypeValue - Access point (Chap 3.9.6.1, Table 2) (MIL-STD-3031A #5.48.1.1)	Single Value: accpn101, Access is a door Single Value: accpn102, Access is a panel Single Value: accpn103, Access is an electrical panel Single Value: accpn151, Access is a cover Single Value: accpn152, Access is a plate Single Value: accpn153, Access is a screen Single Value: accpn154, Access is an opening Range: accpn166-accpn199
85.	Values are restricted: //@acronymType	ERROR - Value out of range: (Values allowed: at01-at04, at56-at99) Attribute acronymType - Type of acronym or abbreviation (Chap 3.9.6.1, Table 3) (MIL-STD-3031A #5.48.1.2)	Single Value: at01, Acronym (Candidate for list of abbreviations) Single Value: at02, Term (Candidate for list of terms) Single Value: at03, Symbol (Candidate for list of symbols) Single Value: at04, Spec (Candidate for list of applicable specs) Range: at56-at99 Single Value: ca01, Sets the caption to /CANCEL/ Single Value: ca02, Sets the caption to /ABORT/ Single Value: ca04, Sets the caption to /END/ Single Value: ca05, Sets the caption to /QUIT/ Single Value: cv51, For Official Use Only Range: cv56-cv99
86.	Values are restricted: //@cancelCaption	ERROR - Value out of range: (Values allowed: ca01-ca05) Attribute cancelCaption - Caption for dialog cancel function (Chap 3.9.6.1, Table 4) (MIL-STD-3031A #5.48.1.3)	Single Value: cv51, For Official Use Only Range: cv56-cv99
87.	Values are restricted: //@caveat	ERROR - Value out of range: (Values allowed: cv51, cv56-cv99) Army communications security (COMSEC) unclassified publications/IETPs shall contain the notice FOR OFFICIAL USE ONLY unless otherwise specified by the acquiring activity, unclassified publications/IETPs shall contain the notice FOR OFFICIAL USE ONLY using the value cv51 for the attribute caveat. (MIL-STD-3031A #5.48.1.4)	Single Value: clc01, Preventive maintenance inspection form Single Value: clc02, Preventive Maintenance Checks and Services Single Value: clc03, Schematic Single Value: clc51, Checking unpacked equipment Single Value: clc52, Preventive Maintenance Checklist (PMC)
88.	Values are restricted: //@checkListCategory	ERROR - Value out of range: (Values allowed: clc01-clc03, clc51-clc52, and clc56-clc99) Attribute checkListCategory - Check list category (Chap 3.9.6.1, Table 6) (MIL-STD-3031A #5.48.1.5)	

			Range: clc56-clc99
89.	Values are restricted: //@color	ERROR - Value out of range: (Values allowed: co00-co04, co07-co09, co56-co99) Attribute color - Caption color (Chap 3.9.6.1, Table 7) (MIL-STD-3031A #5.48.1.6)	Single Value: co00, None Single Value: co01, Green Single Value: co02, Amber Single Value: co03, Yellow Single Value: co04, Red Single Value: co07, White Single Value: co08, Grey Single Value: co09, Clear Range: co56-co99
90.	Values are restricted: //@commentPriorityCode	ERROR - Value out of range: (Values allowed: cp01-cp03, cp56-cp99) Attribute commentPriorityCode - Priority level of a comment (Chap 3.9.6.1, Table 8) (MIL-STD-3031A #5.48.1.7)	Single Value: cp01, Routine Single Value: cp02, Emergency Single Value: cp03, Safety critical Range: cp56-cp99
91.	Values are restricted: //@commercialClassification	ERROR - Value out of range: (Values allowed: cc56-cc99) The attribute commercialClassification may be used if desired by vendors for internal uses, but it shall not be presented to the user. (MIL-STD-3031A #5.9.1.3 and #5.48.1.8)	Range: cc56-cc99
92.	Values are restricted: //@crewMemberType	ERROR - Value out of range: (Values allowed: cm01-cm08, cm-51-cm70, cm81-cm99) Attribute crewMemberType - Type of crew member required for drill or procedural step (Chap 3.9.6.1, Table 10) (MIL-STD-3031A #5.48.1.9)	Single Value: cm01, All Single Value: cm02, Pilot Single Value: cm03, Co-pilot Single Value: cm04, Navigator Single Value: cm05, Engineer Single Value: cm06, Ground crew Single Value: cm07, Load master Single Value: cm08, Cabin supervisor Single Value: cm51, Loader Single Value: cm52, Driver Single Value: cm53, Gunner Single Value: cm54, Commander Single Value: cm55, Crew chief Single Value: cm56, Technician Single Value: cm57, Installer Single Value: cm58, Maintainer Single Value: cm59, Officer Single Value: cm60, Operator Single Value: cm61, Crew member Single Value: cm62, Specialist Single Value: cm63, Repairer Single Value: cm64, Mechanic Single Value: cm65, Attendant Single Value: cm66, Handler Single Value: cm67, Machinist Single Value: cm68, Supervisor Single Value: cm69, Electrician Single Value: cm70, Chief Range: cm81-cm99
93.	Values are restricted: //@crewStepCondition	ERROR - Value out of range: (Values allowed: csc01-csc05, csc51-csc53, csc61-csc99) Attribute crewStepCondition - Crew step condition (Chap 3.9.6.1, Table 11) (MIL-STD-3031A #5.48.1.10) [csc01: Equipment is installed or available (O); csc02: A detailed procedure for the step is located in the performance section of the condensed checklist (star: ★); csc03: Performance of the step is mandatory for all through-flights used for combat/tactical operations (asterisk: *); csc04: A step that is mandatory for night flights (N); csc05: A task or step required by the operator manual (T); csc51: Used to indicate duties that are the responsibility of the pilot (not on the controls) (circled: ④); csc52: Used to indicate a task or step that requires a flight engineer function or response (F); csc53: Used to indicate that the performance of the step is mandatory for all maintenance test flights (double asterisk: **); csc61-csc99: project definable]	Pattern: ((csc0[1-5]) (csc5[1-3]) (csc[6-9][0-9]))((\)+((csc0[1-5]) (csc5[1-3]) (csc[6-9][0-9])))*)
94.	Values are restricted: //@descrForItemCode	ERROR - Value out of range: (Values allowed: dic01, dic22-dic27, dic56-dic99) Attribute descrForItemCode - IPD item description code (Chap 3.9.6.1, Table 12) (MIL-STD-3031A #5.48.1.11)	Single Value: dic01, Support Equipment Single Value: dic22, Special Tool Single Value: dic23, Part Single Value: dic24, Basic Issue Item Single Value: dic25, Components of End Item Single Value: dic26, Tool

			<p>Single Value: dic27, Additional Authorization List Item</p> <p>Range: dic56–dic99</p>
95.	<p>Values are restricted: //@drillType</p>	<p>ERROR - Value out of range: (Values allowed: dt00-dt06, dt56-dt99) Attribute drillType - Type of aircrew drill (Chap 3.9.6.1, Table 13) (MIL-STD-3031A #5.48.1.12)</p>	<p>Single Value: dt00, None</p> <p>Single Value: dt01, Green</p> <p>Single Value: dt02, Amber</p> <p>Single Value: dt03, Yellow</p> <p>Single Value: dt04, Red</p> <p>Single Value: dt05, Orange</p> <p>Single Value: dt06, Blue</p> <p>Range: dt56–dt99</p>
96.	<p>Values are restricted: //@emphasisType</p>	<p>ERROR - Value out of range: (Values allowed: em01-em05 and em51-em55). Attribute emphasisType - Type of emphasis (Chap 3.9.6.1, Table 14) (MIL-STD-3031A #5.48.1.13)</p>	<p>Single Value: em01, Bold</p> <p>Single Value: em02, Italic</p> <p>Single Value: em03, Underline</p> <p>Single Value: em04, Overline</p> <p>Single Value: em05, Strikethrough</p> <p>Single Value: em51, Small capitals</p> <p>Single Value: em52, Two line</p> <p>Single Value: em53, All capitals</p> <p>Single Value: em54, Reverse</p> <p>Single Value: em55, Bold and italic</p>
97.	<p>Values are restricted: //@function</p>	<p>ERROR - Value out of range: (Values allowed: ft00-ft11, ft51-ft80) Attribute function - Maintenance function (Chap 3.9.6.1, Table 15) (MIL-STD-3031A #5.35.1.6 and #5.48.1.14)</p>	<p>Single Value: ft00, None</p> <p>Single Value: ft01, Inspect</p> <p>Single Value: ft02, Test</p> <p>Single Value: ft03, Service</p> <p>Single Value: ft04, Adjust</p> <p>Single Value: ft05, Align</p> <p>Single Value: ft06, Calibrate</p> <p>Single Value: ft07, Remove/Install</p> <p>Single Value: ft08, Replace</p> <p>Single Value: ft09, Repair</p> <p>Single Value: ft10, Overhaul</p> <p>Single Value: ft11, Rebuild</p> <p>Single Value: ft51, Paint</p> <p>Single Value: ft52, Demilitarize</p> <p>Single Value: ft53, Remove</p> <p>Single Value: ft54, Install</p> <p>Single Value: ft55, Prepare for Use</p> <p>Single Value: ft56, Disassemble</p> <p>Single Value: ft57, Clean</p> <p>Single Value: ft58, Non-Destructive Inspection</p> <p>Single Value: ft59, Lubricate</p> <p>Single Value: ft60, Assemble</p> <p>Single Value: ft61, Radio Interference Suppression</p> <p>Single Value: ft62, Place In Service</p> <p>Single Value: ft63, Preparation for Storage or Shipment</p> <p>Single Value: ft64, Mark</p> <p>Single Value: ft65, Arm</p> <p>Single Value: ft66, Pack</p> <p>Single Value: ft67, Load</p> <p>Single Value: ft68, Unpack</p> <p>Single Value: ft69, Unload</p> <p>Single Value: ft70, Preserve</p> <p>Single Value: ft71, Tow</p> <p>Single Value: ft72, Jack</p> <p>Single Value: ft73, Park</p> <p>Single Value: ft74, Moor</p> <p>Single Value: ft75, Cover</p> <p>Single Value: ft76, Hoist</p> <p>Single Value: ft77, Sling</p> <p>Single Value: ft78, External Power</p> <p>Single Value: ft79, Software Maintenance</p> <p>Single Value: ft80, Other maintenance tasks</p>
98.	<p>Values are restricted: //@installationLocationType</p>	<p>ERROR - Value out of range: (Values allowed: instloctyp01-instloctyp05, instloctyp56-instloctyp99) Attribute installationLocationType - Type of install location (Chap 3.9.6.1, Table 16) (MIL-STD-3031A #5.48.1.15)</p>	<p>Single Value: instloctyp01, Zone</p> <p>Single Value: instloctyp02, Section</p> <p>Single Value: instloctyp03, Station</p> <p>Single Value: instloctyp04, Water line</p> <p>Single Value: instloctyp05, Buttock line</p> <p>Range: instloctyp56–instloctyp99</p>
99.	<p>Values are restricted: //@itemCharacteristic</p>	<p>ERROR - Value out of range: (Values allowed: ic01-ic03, ic56-ic99) Attribute itemCharacteristic - Item characteristic (Chap 3.9.6.1, Table 17) (MIL-STD-3031A #5.48.1.16) [ic01: Step related to hardness critical process; ic02: Step related to electrostatic discharge; ic03: Step with a quality assurance effect; ic56-ic99: project definable]</p>	<p>Pattern: (([ic01-3]) ([ic56-9])) ([ic6-9][0-9])) (\^)+(([ic01-3]) ([ic56-9])) ([ic6-9][0-9]))*)</p>

100.	Values are restricted: //@itemOriginator	ERROR - Value out of range: (Values allowed: orig01-orig03, orig56-orig99) Attribute itemOriginator - Origin of equipment/harness/wire (Chap 3.9.6.1, Table 18) (MIL-STD-3031A #5.48.1.17)	Single Value: orig01, Manufacturer Single Value: orig02, Vendor Single Value: orig03, Partner Range: orig56~orig99
101.	Values are restricted: //@listItemPrefix	ERROR - Value out of range: (Values allowed: pf01-pf07, pf56-pf99) Attribute listItemPrefix - Prefix for list items of random/unordered lists (Chap 3.9.6.1, Table 20) (MIL-STD-3031A #5.48.1.19)	Single Value: pf01, Simple (No prefix, only indent) Single Value: pf02, Unorder (Depending on list level, prefix with short dash for first level, bullet for second, and short dash for third level: -, •, -) Single Value: pf03, Dash (short dash: -) Single Value: pf04, Disc (filled circle in circle: ⊙) Single Value: pf05, Circle (outline: ○) Single Value: pf06, Square (outline: □) Single Value: pf07, Bullet (outline: •) Range: pf56~pf99
102.	Values are restricted: //@lowestLevel	ERROR - Value out of range: (Values allowed: la01-la09, la51, la61-la99) Attribute lowestLevel - Lowest authorized level (Chap 3.9.6.1, Table 21) (MIL-STD-3031A #5.48.1.20)	Single Value: la01, None Single Value: la02, Field (Service) level Single Value: la03, Field/ASB maintenance can remove, replace, and use the item. Single Value: la04, Below depot sustainment maintenance can remove, replace, and use the item. Single Value: la05, Specialized repair activity/TASMG can remove, replace, and use the item. Single Value: la06, Afloat and ashore intermediate maintenance can remove, replace, and use the item. Single Value: la07, Contractor facility can remove, replace, and use the item. Single Value: la08, Item is not authorized to be removed, replace, or used at any maintenance level Single Value: la09, Depot can remove, replace, and use the item. Single Value: la51, AMC Range: la61~la99
103.	Values are restricted: //@maintLevelCode	ERROR - Value out of range: (Values allowed: ml51-ml59) Attribute maintLevelCode - Maintenance Level Code (Chap 3.9.6.1, Table 22) (MIL-STD-3031A #5.35.1.7 and #5.48.1.21)	Single Value: ml51, Crew (C) (standard) Single Value: ml52, Maintainer (F) (standard) Single Value: ml53, SRA (L) (standard) Single Value: ml54, Below depot (H) (standard) Single Value: ml55, Depot (D) (standard) Single Value: ml56, AMC (O) (aviation) Single Value: ml57, ASB (F) (aviation) Single Value: ml58, TASMG (L) (aviation) Single Value: ml59, Depot (D) (aviation)
104.	Values are restricted: //@partCharacteristic	ERROR - Value out of range: (Values allowed: pc01, pc03-pc06, pc56-pc99) Attribute partCharacteristic - Part characteristic (Chap 3.9.6.1, Table 23) (MIL-STD-3031A #5.48.1.22) [pc01: A hardness critical item; pc03: Mandatory replacement part; pc04: Critical safety item; pc05: Test equipment; pc06: Part with electrostatic discharge sensitivity; pc56-pc99: project definable]	Pattern: ((pc01) (pc03-6) (pc56-99))((pc6-9 [0-9]) (\^)+((pc01) (pc03-6) (pc56-99))((pc6-9 [0-9])))*
105.	Values are restricted: //@pmEntryType	ERROR - Value out of range: (Values allowed: pmt51-pmt58, pmt71-pmt99) Attribute pmEntryType - Publication module entry type (Chap 3.9.6.1, Table 24) (MIL-STD-3031A #5.48.1.23)	Single Value: pmt51, Front matter Single Value: pmt52, Chapter Single Value: pmt53, Section Single Value: pmt54, Sub-section Single Value: pmt55, Appendix Single Value: pmt56, Checklist Single Value: pmt57, Rear Matter Single Value: pmt58, Emergency procedures for aircrew Range: pmt71~pmt99
106.	Values are restricted: //@quantityType	ERROR - Value out of range: (Values allowed: qty01-qty08, qty51-qty55, qty61-qty99) Attribute quantityType - Quantity data type (Chap 3.9.6.1, Table 25) (MIL-STD-3031A #5.48.1.24)	Single Value: qty01, Length Single Value: qty02, Price Single Value: qty03, Temperature Single Value: qty04, Time Single Value: qty05, Torque value Single Value: qty06, Voltage Single Value: qty07, Volume Single Value: qty08, Mass Single Value: qty51, Weight

			Single Value: qty52, Height Single Value: qty53, Pressure Single Value: qty54, Dimension Single Value: qty55, Clearance Range: qty61~qty99
107.	Values are restricted: //@reqCondCategory	ERROR - Value out of range: (Values allowed: rcc01-rcc02, rcc56-rcc99) Attribute reqCondCategory - Required condition category (Chap 3.9.6.1, Table 26) (MIL-STD-3031A #5.48.1.25)	Single Value: rcc01, Normal Single Value: rcc02, Special environmental conditions such as reduced lighting, ventilation, and temperature. Range: rcc56~rcc99
108.	Values are restricted: //@reqTechInfoCategory	ERROR - Value out of range: (Values allowed: ti01-ti06, ti56-ti99) Attribute reqTechInfoCategory - Required technical information category (Chap 3.9.6.1, Table 27) (MIL-STD-3031A #5.48.1.26)	Single Value: ti01, Publication module (PM) Single Value: ti02, Data module (DM) Single Value: ti03, Drawing Single Value: ti04, Electrical diagram Single Value: ti05, Schematic diagram Single Value: ti06, Safety sheet Range: ti56~ti99
109.	Values are restricted: //@resetCaption	ERROR - Value out of range: (Values allowed: re01-re02) Attribute resetCaption - Caption for dialog reset caption (Chap 3.9.6.1, Table 28) (MIL-STD-3031A #5.48.1.27)	Single Value: re01, Sets the caption to RESET Single Value: re02, Sets the caption to CLEAR
110.	Values are restricted: //@responseType	ERROR - Value out of range: (Values allowed: rt01-rt04, rt56-rt99) Attribute responseType - Type of response to a comment (Chap 3.9.6.1, Table 29) (MIL-STD-3031A #5.48.1.28)	Single Value: rt01, Accepted Single Value: rt02, Pending Single Value: rt03, Partly accepted Single Value: rt04, Rejected Range: rt56~rt99
111.	Values are restricted: //@securityClassification	ERROR - Value out of range: (Values allowed: 01, 03-05) The security classification markings for classified data modules, shall be identified in accordance with DoD 5200.1-R and DoD 5220.22-M, Executive Order 12958. (Chap 3.9.6.1, Table 30) (JS) (MIL-STD-3031A #5.9.1.1 and #5.48.1.29)	Single Value: 01, Unclassified Single Value: 03, Confidential Single Value: 04, Secret Single Value: 05, Top secret
112.	Values are restricted: //@significantParaDataType	ERROR - Value out of range: (Values allowed: psd01-psd10, psd51-psd56, psd66-psd99) Attribute significantParaDataType - Paragraph significant data type (Chap 3.9.6.1, Table 31) (MIL-STD-3031A #5.48.1.30)	Single Value: psd01, Ammunition Single Value: psd02, Instruction disposition Single Value: psd03, Lubricant Single Value: psd04, Maintenance level Single Value: psd05, Manufacturer code Single Value: psd06, Manufacturers recommendation Single Value: psd07, Modification code Single Value: psd08, Qualification code Single Value: psd09, Training level Single Value: psd10, Control or Indicator value Single Value: psd51, Immediate emergency procedure checklist item Single Value: psd52, Placard Single Value: psd53, Test point Single Value: psd54, Critical safety item Single Value: psd55, Designator symbol Single Value: psd56, Graphical User Interface (GUI) item Range: psd66~psd99
113.	Values are restricted: //@skillLevelCode	ERROR - Value out of range: (Values allowed: sk01-sk03, sk51-sk55) Attribute skillLevelCode - Personnel skill level (Chap 3.9.6.1, Table 32) (MIL-STD-3031A #5.33.1.3, #5.34.1.2, #5.35.1.5, #5.36.1.2, and #5.48.1.31)	Single Value: sk01, Basic Single Value: sk02, Intermediate Single Value: sk03, Advanced Single Value: sk51, Skill level 1 Single Value: sk52, Skill level 2 Single Value: sk53, Skill level 3 Single Value: sk54, Skill level 4 Single Value: sk55, Skill level 5
114.	Values are restricted: //@skillType	ERROR - Value out of range: (Values allowed: st01-st04, st51-st53, st61-st99) Attribute skillType - Personnel skill category (Chap 3.9.6.1, Table 33) (MIL-STD-3031A #5.48.1.32)	Single Value: st01, Airframe (AIRPL) Single Value: st02, Electrical (ELEC) Single Value: st03, Avionic (AVION) Single Value: st04, Engine (ENGIN) Single Value: st51, Structural Single Value: st52, Armament Single Value: st53, Mechanical Range: st61~st99
115.	Prohibited use of: //@sourceCriticality	ERROR - Rule violated: (Prohibited inclusion of the attribute sourceCriticality.) The attribute sourceCriticality shall not be used. (Chap 3.9.6.1, Table 34) (MIL-STD-	

		3031A #5.48.1.33)	
116.	Prohibited use of: //@sourceTypeCode	ERROR - Rule violated: (Prohibited inclusion of the attribute sourceTypeCode.) The attribute sourceTypeCode shall not be used. (Chap 3.9.6.1, Table 35) (MIL-STD-3031A #5.48.1.34)	
117.	Values are restricted: //@submitCaption	ERROR - Value out of range: (Values allowed: ok01-ok02, ok04-ok05) Attribute submitCaption - Caption for dialog submit function (Chap 3.9.6.1, Table 36) (MIL-STD-3031A #5.48.1.35)	Single Value: ok01, Sets the caption to OK Single Value: ok02, Sets the caption to SUBMIT Single Value: ok04, Sets the caption to CONTINUE Single Value: ok05, Sets the caption to EXIT
118.	Prohibited use of: //@supervisorLevelCode	ERROR - Rule violated: (Prohibited inclusion of the attribute supervisorLevelCode.) The attribute supervisorLevelCode shall not be used. (Chap 3.9.6.1, Table 37) (MIL-STD-3031A #5.48.1.36)	
119.	Prohibited use of: //@taskCode	ERROR - Rule violated: (Prohibited inclusion of the attribute taskCode.) The attribute taskCode shall not be used. (Chap 3.9.6.1, Table 38) (MIL-STD-3031A #5.48.1.37)	
120.	Values are restricted: //@thresholdUnitOfMeasure	ERROR - Value out of range: (Values allowed: th01-th34, th51-th74, th80-th99) Attribute thresholdUnitOfMeasure - Unit of measurement for the threshold interval (Chap 3.9.6.1, Table 39) (MIL-STD-3031A #5.48.1.38)	Single Value: th01, Flight hours Single Value: th02, Flight cycles Single Value: th03, Months Single Value: th04, Weeks Single Value: th05, Years Single Value: th06, Days Single Value: th07, Supersonic cycles Single Value: th08, Pressure cycles Single Value: th09, Engine cycles Single Value: th10, Engine change Single Value: th11, Shop visits Single Value: th12, Auxiliary power unit change Single Value: th13, Landing gear change Single Value: th14, Wheel change Single Value: th15, Engine start Single Value: th16, APU hours Single Value: th17, Engine hours Single Value: th18, Elapsed hours Single Value: th19, Landings Single Value: th20, Operating cycles Single Value: th21, Operating hours Single Value: th22, Supersonic hours Single Value: th23, A check Single Value: th24, B check Single Value: th25, C check Single Value: th26, D check Single Value: th27, Daily Single Value: th28, E check Single Value: th29, Overnight Single Value: th30, Preflight Single Value: th31, Routine check Single Value: th32, Structural C check Single Value: th33, Service check Single Value: th34, Transit Single Value: th51, Rounds Single Value: th52, Underway/Steaming Hours Single Value: th53, Arrestments Single Value: th54, Catapults Single Value: th55, Message units Single Value: th56, Cycles Single Value: th57, Minutes Single Value: th58, Hours Single Value: th59, Kilometers Single Value: th60, Miles Single Value: th61, Starts Single Value: th62, Intermediate Single Value: th63, Periodic Single Value: th64, Before Single Value: th65, During Single Value: th66, After Single Value: th67, Weekly Single Value: th68, Monthly Single Value: th69, Quarterly Single Value: th70, Semiannually

			<p>Single Value: th71, Annually</p> <p>Single Value: th72, Manhour/Day</p> <p>Single Value: th73, Phased</p> <p>Single Value: th74, Other</p> <p>Range: th80–th99</p>
121.	<p>Values are restricted: //@updateReasonType</p>	<p>ERROR - Value out of range: (Values allowed: urt01-urt05, urt56-urt99) Attribute updateReasonType - Update reason type for reason for update (Chap 3.9.6.1, Table 40) (MIL-STD-3031A #5.48.1.39)</p>	<p>Single Value: urt01, Editorial change (authored/technical content changed, but technically changes are deemed insignificant)</p> <p>Single Value: urt02, Technical change (authored/technical content has changed, changes are significant and should be reviewed)</p> <p>Single Value: urt03, Markup change (changes are solely related to XML markup)</p> <p>Single Value: urt04, Applicability change (only the applicability has changed)</p> <p>Single Value: urt05, Unique identifier of the referencing structure has changed</p> <p>Range: urt56–urt99</p>
122.	<p>Values are restricted: //@verbatimStyle</p>	<p>ERROR - Value out of range: (Values allowed: vs01-vs02, vs11-vs16, vs21-vs29, vs56-vs99) Attribute verbatimStyle - Verbatim style (Chap 3.9.6.1, Table 41) (MIL-STD-3031A #5.48.1.40)</p>	<p>Single Value: vs01, Generic verbatim</p> <p>Single Value: vs02, Filename</p> <p>Single Value: vs11, XML/SGML markup element name</p> <p>Single Value: vs12, XML/SGML attribute name</p> <p>Single Value: vs13, XML/SGML attribute value</p> <p>Single Value: vs14, XML/SGML entity name</p> <p>Single Value: vs15, XML/SGML processing instruction</p> <p>Single Value: vs16, Program prompt</p> <p>Single Value: vs21, User input</p> <p>Single Value: vs22, Computer output</p> <p>Single Value: vs23, Program listing</p> <p>Single Value: vs24, Program variable name</p> <p>Single Value: vs25, Program variable value</p> <p>Single Value: vs26, Constant</p> <p>Single Value: vs27, Class name</p> <p>Single Value: vs28, Parameter name</p> <p>Range: vs56–vs99</p>
123.	<p>Prohibited use of: //dmlContent/dmEntry/dmRef/dmRefAddressItems[not(dmTitle)]</p>	<p>ERROR - Rule violated: (Prohibited exclusion of the required element /dmTitle/ within the structure /dmEntry/dmRef/dmRefAddressItems/.) Data module title shall be included in the DMRL. (MIL-STD-3031A #5.64.1.4)</p>	
124.	<p>Prohibited use of: //dmlContent/dmEntry/dmRef/dmRefAddressItems[not(issueDate)]</p>	<p>ERROR - Rule violated: (Prohibited exclusion of the required element /issueDate/ within the structure /dmEntry/dmRef/dmRefAddressItems/.) Issue date shall be included in the DMRL. (MIL-STD-3031A #5.64.1.5)</p>	
125.	<p>Prohibited use of: //dmlContent/dmEntry[not(security)]</p>	<p>ERROR - Rule violated: (Prohibited exclusion of the required element /security/ within the parent element /dmEntry/.) Security classification shall be included in the DMRL. (MIL-STD-3031 #5.64.1.6)</p>	
126.	<p>Prohibited use of: //pmlIdent/language[not (attribute::languageIsoCode="en" or attribute::languageIsoCode="sx" and attribute::countryIsoCode="US")]</p>	<p>ERROR - Rule violated: (Within the element /language/ (in /pmlIdent/), either attribute languageIsoCode or attribute countryIsoCode includes a prohibited value.) Within the element /language/, the country code shall specify United States and the language code shall specify English ([language countryIsoCode="US" languageIsoCode="en"/]) or Simplified Technical English ([language countryIsoCode="US" languageIsoCode="sx"/]). (MIL-STD-3031A #5.69.1.3)</p>	
127.	<p>Values are restricted: //pmStatus/pubMedia/@pubMediaType</p>	<p>ERROR - Value out of range: (Values allowed: "Not specified", "PDF –</p>	<p>Single Value: Not specified</p> <p>Single Value: PDF – Optimized for</p>

		Optimized for Standard page size", "PDF – Optimized for Double standard page size", "PDF – Optimized for Logbook page size", "PDF – Optimized for Pocket page size", "PDF – Optimized for Operator checklist page size", "PDF – Optimized for Operator MTF page size", "PDF – Other", "IETP – Optimized for CD", "IETP – Optimized for DVD", "IETP – Optimized for web browser", "IETP – Other") The attribute pubMediaType shall be populated with the appropriate text (provided). (MIL-STD-3031 #5.69.1.8)	Standard page size Single Value: PDF – Optimized for Double standard page size Single Value: PDF – Optimized for Logbook page size Single Value: PDF – Optimized for Pocket page size Single Value: PDF – Optimized for Operator checklist page size Single Value: PDF – Optimized for Operator MTF page size Single Value: PDF – Other Single Value: IETP – Optimized for CD Single Value: IETP – Optimized for DVD Single Value: IETP – Optimized for web browser Single Value: IETP – Other
128.	Prohibited use of: //pmStatus/pubMedia/@mediaLocation	ERROR - Rule violated: (Prohibited inclusion of the attribute mediaLocation on element /pubMedia/.) The attribute mediaLocation shall not be used. (MIL-STD-3031 #5.69.1.9)	
129.	Prohibited use of: //pmStatus[systemBreakdownCode functionalItemCode]	ERROR - Rule violated: (Prohibited inclusion of the element /systemBreakdownCode/ or the element /functionalItemCode/.) Neither the system breakdown code nor the functional item code shall be used in the publication module status. (MIL-STD-3031 #5.69.1.10)	
130.	Values are restricted: //snsSystem/snsCode	ERROR - Invalid value: (System is limited to 2 or 3 characters only. If three positions are used, the 1st position is the Material Item Category Code, only values allowed (case-sensitive): A-H, J, T-Z, 0-9.) The project shall use the BREX data module for exchange of information on the applied SNS to the extent possible. (MIL-STD-3031 #5.73.1.1)	Pattern: ([A-HJT-Z0-9]?[A-Z0-9]{2}), System code limited to 2 or 3 char
131.	Values are restricted: //snsSubSystem/snsCode	ERROR - Invalid value: (Subsystem is limited to 1 character only.) The project shall use the BREX data module for exchange of information on the applied SNS to the extent possible. (MIL-STD-3031 #5.73.1.1)	Pattern: [A-Z0-9]{1}, Subsystem code limited to 1 char
132.	Values are restricted: //snsSubSubSystem/snsCode	ERROR - Invalid value: (Sub-subsystem is limited to 1 character only.) The project shall use the BREX data module for exchange of information on the applied SNS to the extent possible. (MIL-STD-3031 #5.73.1.1)	Pattern: [A-Z0-9]{1}, Sub-subsystem code limited to 1 char
133.	Values are restricted: //snsAssy/snsCode	ERROR - Invalid value: (Assembly is limited to 2 or 4 characters only.) The project shall use the BREX data module for exchange of information on the applied SNS to the extent possible. (MIL-STD-3031 #5.73.1.1)	Pattern: ((([A-Z0-9]{2}) ([A-Z0-9]{4}))), Assembly code limited to 2 or 4 char
134. CHANGED	Values are restricted: //sourceMaintRecoverability	ERROR - Value out of range: (SMR code is limited to 6 specific characters.) Validate SMR Codes. (MIL-STD-3031A #5.93.4.1.1)	Pattern: (?[P[ABCDEFGHIHRZ]]K[DFB]]M [OFHLDG]]A[OFHLDG]]X[ABCD] [COFGHKLDZ][COFGHKLDZB][COFGHKLDZA][A-Z0-9]?), SMR Code allows up to six positions
135. CHANGED	Values are restricted: //@infoEntityIdent	WARNING - Manual verification required: (@infoEntityIdent must be either 15-20 or 26-44 characters. Legacy ICNs may contain fewer characters and should be verified.) ICN representing an illustration, symbol or other information object supporting a CSDB object (S1000D Chap 4.4).	Pattern: (([ICN-[A-Z0-9]{5}-[A-Z0-9]{5,10}-[0-9]{3}-[0-9]{2}]) ([ICN-[A-Z0-9]{2,14}-[A-Z0-9]{1,4}-[A-Z0-9]{6,9}-[A-Z0-9]{1}-[A-Z0-9]{5}-[A-Z0-9]{5}-[A-Z]{1}-[0-9]{2,3}-[0-9]{1,2}]))" >CAGE-based ICN (15-20 char) or MIC-based ICN (26-44 char)
136.	Prohibited use of: //table[@frame != "all"]	ERROR - Value out of range: (The value "all" on @frame for element /table/ is required.) All tables shall have outside vertical rules. (MIL-STD-3031A #5.138.6.1)	
137.	Values are restricted: //dmAddress/dmIdent/dmCode/@infoCode	ERROR - Value out of range: (Prohibited inclusion of an unapproved Information Code, attribute infoCode within the structure /dmAddress/dmIdent/dmCode.) MIL-STD-3031A, Appendix B (including	Single Value: 00A Single Value: 00B Single Value: 00C Single Value: 00D Single Value: 00E

all Joint Service Information Codes)

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