

# UID Registry XML V4.1

| Data Element                              | Format  | Max Size | Definition   |
|---|---------|----------|--|
| <b>UidDocument (1)</b>                    |         |          |  |
| LegacyOrNew (1)                           | Text    | 6        | If the <AddItem> section is provided:<br>"LEGACY" if the items being added are legacy items; this includes GFP.<br>"NEW" if the items being added are new procurement.<br><br>If <AddItem> section is not provided: Always "LEGACY". |
| Version (1)                               | Text    | 6        | Contains the UID Element Schema Version Number used to produce the XML transaction.<br>Always "4.1"  |
| <b>Contact (1)</b>                        |         |          |  |
| Email (0..1)                              | Text    | 80       | Email address of the person or office listed in Name.  |
| Name (1)                                  | Text    | 120      | Person or office who would be contacted if there are technical issues associated with the XML transaction.   |
| Organization (1)                          | Text    | 9        | The 5 digit CAGE, 6 digit DoDAAC, or 9 digit DUNS of the organization providing the XML document.  |
| Phone (1)                                 | Text    | 25       | Phone number of the person or office listed in Name.   |
| <b>SystemIdentifier (1)</b>               |         |          | <b>Identifies the application or system that generated the XML document. Provide either GovernmentSystem or ContractorSystem, but not both.</b>  |
| <b>GovernmentSystem (0..1)</b>            |         |          | <b>Use when the XML document was generated by a government application or system.</b>  |
| AdministratorDODAAC (1)                   | Text    | 6        | The DoDAAC of the entity that administers the application or system that generated the XML document. This may or may not be the same entity that uses the application or system.   |
| DITPRNumber (0..1)                        | Integer | 4        | The DoD Information Technology Portfolio Repository (DITPR) Number assigned to the application or system that generated the XML document.<br><br>Must be provided if SystemApplicationIdentifier is not provided.                    |
| <b>SystemApplicationIdentifier (0..1)</b> |         |          | <b>The name and version of the application or system. Must be provided if DITPR Number is not provided.</b>  |
| SystemName (1)                            | Text    | 30       | The name of the application or system that generated the XML document.   |
| SystemVersion (1)                         | Text    | 10       | The version of the application or system that generated the XML document.  |
| <b>ContractorSystem (0..1)</b>            |         |          | <b>Use when the XML document was generated by a contractor application or system.</b>  |
| ContractorIdentifier (1)                  | Text    | 9        | The 5 digit CAGE or 9 digit DUNS of the organization who administers the application or system that generated the XML document.  |
| SystemName (1)                            | Text    | 30       | The name of the application or system that generated the XML document.   |
| SystemVersion (1)                         | Text    | 10       | The version of the application or system that generated the XML document.  |

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| <b>AddItem (0..1)</b>                 |            |          | Used to record items that are not in the UID Registry. It is assumed that all GFP being returned by Contractors is in the UID Registry and should be reported using the Update Item section.   |
| <b>NewEmbedded (0..∞)</b>             |            |          | A marked item that is embedded within another marked item.   |
| ParentUID (1)                         | Text       | 50       | The UID of the item that contains the embedded item.   |
| <b>EmbeddedInfo (1..∞)</b>            |            |          |  |
| Description (1..∞)                    | Text       | 250      | Description of the embedded item.  |
| <b>EmbeddedList (1..∞)</b>            |            |          |  |
| BatchLot (0..1)                       | Text       | 20       | The batch/lot identification of the embedded item if applicable. Required if UID Type is UID2 and the Lot/Batch was used within the UID.   |
| CurrentPartNumber (0..1)              | Text       | 32       | Used only if the item's current part number is different from the Original Part Number. Must be provided if Current Part Number Effective Date is provided.  |
| CurrentPartNumberEffectiveDate (0..1) | CCYY-MM-DD | 10       | The date the item was modified or changed to the current part number from a previous part number. Must be provided if Current Part Number is provided.   |
| EnterpriseIdentifier (0..1)           | Text       | 13       | Code identifying the Enterprise that assigned the embedded item with the UID data elements. If UID Type is UID1 or UID2, this is the same Enterprise Identifier that was used in the construct. Required if UID Type is UID1 or UID2.  |
| IssuingAgencyCode (0..1)              | Text       | 3        | Designator to indicate which code was used in the Enterprise Identifier. Required if UID Type is UID1 or UID2.<br><br>Values:<br>D - CAGE<br>LB - ANSI T1.220<br>LD - DoDAAC<br>LH - EHIBCC<br>UN - DUNS<br>0, 1, 2, 3, 4, 5, 6, 7, 8 or 9 - EAN.UCC Company Prefix              |
| ManufacturerCode (0..1)               | Text       | 3        | Designator to indicate which code was used in the Manufacturer Identifier. Required if Manufacturer Identifier is provided.<br><br>Values:<br>D - CAGE<br>LB - ANSI T1.220<br>LD - DoDAAC<br>LH - EHIBCC<br>UN - DUNS<br>0, 1, 2, 3, 4, 5, 6, 7, 8 or 9 - EAN.UCC Company Prefix |
| ManufacturerIdentifier (0..1)         | Text       | 13       | Code identifying the Manufacturer that produced the item if different from the Enterprise Identifier.  |

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| OriginalPartNumber (0..1) | Text   | 32       | The Enterprise assigned Part Number corresponding to the assigned UID. Required if UID Type is UID2 and the Part Number was used within the UID.   |
| SerialNumber (0..1)       | Text   | 30       | The Enterprise assigned Serial Number corresponding to the assigned UID. The serial number may be within the Enterprise or within the Original Part Number. Required if UID Type is UID1 or UID2.  |
| Uid (1)                   | Text   | 50       | The Unique Identifier that ensures uniqueness of all items that are listed in the registry.  |
| UidType (1)               | Text   | 10       | Designator to indicate which method has been used to uniquely identify an embedded item.<br><br>Values:<br>UID1 - UID Construct 1<br>UID2 - UID Construct 2<br>VIN - Vehicle Identification Number<br>GRAI - Global Returnable Asset Identifier<br>GIAI - Global Individual Asset Identifier<br>ESN - Electronic Serial Number   |
| Warranty (0..1)           | Text   | 3        | Indicates whether or not a warranty accompanies the item. Must be one of the following:<br><br>"NO"<br>"YES"<br><br>If it is unknown if there is a warranty, do not provide the element.   |
| <b>Mark (1..∞)</b>        |        |          | <p><b>Description of the physical markings on the embedded item as well as how the Unique Item Identifier (UII) is associated with the item.</b></p> <p><b>- Must have at least one occurrence for the UII:</b></p> <ul style="list-style-type: none"> <li>a) If the UII is marked physically, may have one or more Mark Loops whose Contents is 'UID' but none may have a Medium Code of 'DEFINED'.</li> <li>b) If the Contents is 'UID' and the Medium Code is 'DEFINED', can have only one Mark Loop whose Contents is 'UID'.</li> <li>c) If the UII's Medium Code is 'DEFINED', must have at least one other physical mark recorded whose Contents is not 'UID'.</li> </ul> <p><b>- May have other Mark Loop occurrences to report additional physical markings as desired or required.</b></p> <p><b>NOTE: The Item is not compliant with UID policy until the UII is marked with a 2D Data Matrix in accordance with the DoD policy and ISO/IEC 15434.</b></p> |

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|------------------------|------------|----------|--|
| BaggedOrTaggedCode (1) | Text       | 1        | "Y" if mark applied according to the Bag and Tag Business Rules else "N".  |
| Contents (1)           | Text       | 25       | <p>What has been recorded on or with the item. For UII, must contain "UID". All non-UII markings must be marked physically. The available values are:</p> <p>Values:<br/> "CONTRACT NUMBER"<br/> "DATE OF MANUFACTURE"<br/> "FAA CERTIFICATION"<br/> "HULL NUMBER"<br/> "INTERNAL ASSET NUMBER"<br/> "ITEM NOMENCLATURE"<br/> "LOT NUMBER"<br/> "MANUFACTURER CAGE"<br/> "MANUFACTURER NAME"<br/> "NATIONAL STOCK NUMBER"<br/> "PART NUMBER"<br/> "PROPERTY CONTROL NUMBER"<br/> "SERIAL NUMBER"<br/> "SERVICE/AGENCY/COMMAND"<br/> "SUPPLIER NAME"<br/> "TAIL NUMBER"<br/> "TYPE DESIGNATION"<br/> "UID"<br/> "USA NUMBER"<br/> "USAF NUMBER"<br/> "USN NUMBER"<br/> "VESSEL CLASS"</p> |
| EffectiveDate (1)      | CCYY-MM-DD | 10       | <p>The date the mark was associated with the item:</p> <ul style="list-style-type: none"> <li>- The date the UII was defined for the item but not physically attached (Medium Code contains 'DEFINED').</li> <li>- The date the mark, UII or otherwise, was marked physically.</li> </ul>  |
| AddedOrRemovedCode (1) | Text       | 1        | A' Mark is added to the item   |
| MarkerCode (1)         | Text       | 3        | <p>Designator to indicate which code was used in the Marker Identifier.</p> <p>Values:<br/> D - CAGE<br/> LB - ANSI T1.220<br/> LD - DoDAAC<br/> LH - EHIBCC<br/> UN - DUNS<br/> 0, 1, 2, 3, 4, 5, 6, 7, 8 or 9 - EAN.UCC Company Prefix</p>   |

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|----------------------|--------|----------|--|
| MarkerIdentifier (1) | Text   | 13       | Code identifying the Entity that placed the mark on or associated the mark with the item.  |
| MediumCode (1)       | Text   | 25       | <p>The method used to associate the mark identified in Contents with the item. The codes provide information on what is needed to read the mark. The available codes for Contents other than "VESSEL CLASS" are:</p> <p>"2D COMPLIANT"<br/>                     "NONCOMPLIANT DATA MATRIX"<br/>                     "HUMAN READABLE"<br/>                     "CMB"<br/>                     "PDF417"<br/>                     "BARCODE"<br/>                     "RFID"</p> <p>When Contents contains "VESSEL CLASS", must contain "PROFILE".</p> <p>- If the UII is by association only, not physically marked, use "DEFINED". "DEFINED" can only be used when the Contents contains "UID".<br/>                     - When the UII is physically marked with a 2D Data Matrix in accordance with DoD policy, ISO/IEC 15434, use "2D COMPLIANT".</p> |
| Set (1)              | Text   | 25       | <p>Used to place marks in physical sets. For example, on a single item there are two data plates. "SET 1" would be used for the marks on the manufacturer's data plate and "SET 2" would be used for the marks on the government's data plate:</p> <p>Values:<br/>                     "SET 1"<br/>                     "SET 2"<br/>                     "SET 3"<br/>                     "SET 4"<br/>                     "SET 5"<br/>                     "SET 6"<br/>                     "SET 7"<br/>                     "SET 8"<br/>                     "SET 9"</p>   |

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|-------------------------------|------------|----------|---|
| Value (0..1)                  | Text       | 256      | <p>The string representation of the physical mark.</p> <p>Not required when the Contents contains "UID".</p> <p>When Contents contains "SERVICE/AGENCY/COMMAND", must contain one of the following:</p> <p>"CHEMBIO"<br/>                     "MDA"<br/>                     "SOCOM"<br/>                     "TRANSCOM"<br/>                     "USARMY"<br/>                     "USAF"<br/>                     "USCG"<br/>                     "USMC"<br/>                     "USN"</p>   |
| <b>TypeDesignation (0..1)</b> |            |          | <b>The type designation of the item.</b>  |
| TypeDesignationMethod (1)     | Text       | 80       | <p>The method used to assign the type designation. Must be one of the following:</p> <p>"AEROSPACE ENGINES, AIRBREATHING (MIL-HDBK-1812)"<br/>                     "AEROSPACE ENGINES, NON-AIRBREATHING (MIL-HDBK-1812)"<br/>                     "AEROSPACE EQUIPMENT AND SUPPORT EQUIPMENT (MIL-HDBK-1812)"<br/>                     "ARMY NOMENCLATURE SYSTEM (MIL-STD-1464A)"<br/>                     "GROUPS AND UNITS (MIL-HDBK-1812)"<br/>                     "JOINT ELECTRONICS TYPE DESIGNATION SYSTEM ("A/N") (MIL-STD-196E)"<br/>                     "NAVAL VESSEL REGISTRATION SYSTEM (SECNAV INSTRUCTION 5030.8)"<br/>                     "NAVY MARK/MOD NOMENCLATURE SYSTEM (MIL-STD-1661)"<br/>                     "PHOTOGRAPHIC EQUIPMENT (MIL-HDBK-1812)"<br/>                     "U.S. MILITARY AEROSPACE VEHICLE DESIGNATION - AIRCRAFT (DOD DIRECTIVE 4120.15)"<br/>                     "U.S. MILITARY AEROSPACE VEHICLE DESIGNATION - MISSILES, ROCKETS, PROBES AND SATELLITES (DOD DIRECTIVE 4120.15)"</p> |
| TypeDesignationValue (1)      | Text       | 100      | The value of the type designation.  |
| EffectiveDate (1)             | CCYY-MM-DD | 10       | The date the type designation is effective.   |
| <b>EndProduct (0..∞)</b>      |            |          | <b>A marked item that is not embedded within another marked item (and is not in the UID Registry).</b>  |

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| Data Element                     | Format           | Max Size | Definition  |
|----------------------------------|------------------|----------|---|
| ContractNumber (0..1)            | Text             | 25       | Award instrument under which the items were procured. This is a unique identifier for the contract, purchase order, BOA, Basic Agreement, or BPA and includes the delivery order, task order, and call number as appropriate. Required from Vendors for new procurement; not required when reporting legacy items. Required when Contract Number Type is provided.  |
| ContractNumberType (0..1)        | Text             | 30       | The type of award instrument. Must be one of the following:<br><br>"DOD CONTRACT (FAR)"<br>"DOD CONTRACT (NON-FAR)"<br>"GRANT"<br>"COOPERATIVE AGREEMENT"<br>"OTHER AGREEMENT" - arrangements with non-Governmental entities that don't fit into any of the 5 contract types listed above<br>"INTRAGOVERNMENTAL" - e.g. MIPR - includes organic manufacture<br>"INTERGOVERNMENTAL" - i.e. bought from state or local government in the US<br>"MICROPURCHASE"<br>"NON-DOD CONTRACT (FAR)"<br>"NON-DOD CONTRACT (NON-FAR)"<br>"INTERNATIONAL AGREEMENT" - i.e. acquired from foreign government, or international entity such as the United Nations<br><br>Required when Contract Number is provided. |
| PrimeContractorIdentifier (0..1) | Text             | 9        | The 9 digit DUNS or 5 digit CAGE of the contractor that is responsible for reporting all UIDs of the delivered end item to the Government. Required from Vendors for new procurement; not required when reporting legacy items.   |
| <b>ContractInfo (1..∞)</b>       |                  |          |   |
| AcceptanceCode (0..1)            | Text             | 6        | DoDAAC of the Government entity that accepted the item. Required from Vendors for new procurement; not required when reporting legacy items.  |
| AcceptanceDate (0..1)            | CCYY-MM-DD       | 10       | The date that the item is accepted. Required from Vendors for new procurement; not required when reporting legacy items.  |
| AcquisitionCost (0..1)           | Floating Decimal | 18       | Unit Price as defined in the contract or as defined at delivery by the contractor. Required from Vendors for new procurement; not required when reporting legacy items.   |
| ClinSlinElin                     | Text             | 8        | The purchase contract line item. Required from Vendors for new procurement; not required when reporting legacy items.   |
| Description (1..∞)               | Text             | 250      | Description of the item.  |
| ForeignCurrencyCode (0..1)       | Text             | 3        | International Organization of Standardization code from ISO 4217 representing the currency unit of Acquisition Cost. Required from Vendors for new procurement; not required when reporting legacy items.   |
| ShipToCode (0..1)                | Text             | 20       | DODAAC or other code representing the location the item was shipped to. Required from Vendors for new procurement; not required when reporting legacy items.  |

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|---------------------------------------|------------|----------|--|
| UnitOfMeasure (0..1)                  | Text       | 2        | Unit of Measure associated with the Acquisition Cost of the item. Required from Vendors for new procurement; not required when reporting legacy items.<br>- For list of codes, see ASC X12 Standards Element 355.  |
| <b>UIdList (1..∞)</b>                 |            |          |  |
| BatchLot (0..1)                       | Text       | 20       | The batch/lot identification of the item if applicable. Required if UID Type is UID2 and the batch/lot was used within the UID.  |
| CurrentPartNumber (0..1)              | Text       | 32       | Used only if the item's current part number is different from the Original Part Number. Must be provided if Current Part Number Effective Date is provided.  |
| CurrentPartNumberEffectiveDate (0..1) | CCYY-MM-DD | 10       | The date the item was modified or changed to the current part number from a previous part number. Must be provided if Current Part Number is provided.   |
| EnterpriseIdentifier (0..1)           | Text       | 13       | Code identifying the Enterprise that assigned the embedded item with the UID data elements. If UID Type is UID1 or UID2, this is the same Enterprise Identifier that was used in the construct. Required if UID Type is UID1 or UID2.  |
| IssuingAgencyCode (0..1)              | Text       | 3        | Designator to indicate which code was used in the Enterprise Identifier. Required if UID Type is UID1 or UID2.<br><br>Values:<br>D - CAGE<br>LB - ANSI T1.220<br>LD - DoDAAC<br>LH - EHIBCC<br>UN - DUNS<br>0, 1, 2, 3, 4, 5, 6, 7, 8 or 9 - EAN.UCC Company Prefix              |
| ManufacturerCode (0..1)               | Text       | 3        | Designator to indicate which code was used in the Manufacturer Identifier. Required if Manufacturer Identifier is provided.<br><br>Values:<br>D - CAGE<br>LB - ANSI T1.220<br>LD - DoDAAC<br>LH - EHIBCC<br>UN - DUNS<br>0, 1, 2, 3, 4, 5, 6, 7, 8 or 9 - EAN.UCC Company Prefix |
| ManufacturerIdentifier (0..1)         | Text       | 13       | Code identifying the Manufacturer that produced the item if different from the Enterprise Identifier.  |
| OriginalPartNumber (0..1)             | Text       | 32       | The Enterprise assigned Part Number corresponding to the assigned UID. Required if UID Type is UID2 and the Part Number was used within the UID.   |
| SerialNumber (0..1)                   | Text       | 30       | The Enterprise assigned Serial Number corresponding to the assigned UID. The serial number may be within the Enterprise or within the Original Part Number. Required if UID Type is UID1 or UID2.  |
| Uid (1)                               | Text       | 50       | The Unique Identifier that ensures uniqueness of items that are listed in the registry.  |

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|-----------------------|--------|----------|---|
| UidType (1)           | Text   | 10       | Designator to indicate which method has been used to uniquely identify a part.<br><br>Values:<br>UID1 - UID Construct 1<br>UID2 - UID Construct 2<br>VIN - Vehicle Identification Number<br>GRAI - Global Returnable Asset Identifier<br>GIAI - Global Individual Asset Identifier<br>ESN - Electronic Serial Number  |
| Warranty (0..1)       | Text   | 3        | Indicates whether or not a warranty accompanies the item. Must be one of the following:<br><br>"NO"<br>"YES"<br><br>If it is unknown if there is a warranty, do not provide the element.  |
| <b>Custody (0..1)</b> |        |          | <b>Use to record an item's custodian as well as its GFP status and the contract under which the item is held as GFP.</b>  |
| CAGE (0..1)           | Text   | 5        | The 5 digit CAGE Code of the Prime Contractor specified in the contract. At least one of CAGE, DoDAAC, and DUNS must be reported.   |
| CategoryCode (0..1)   | Text   | 1        | Used when recording change in custody of GFP. Must be one of the following codes:<br><br>"E" - Equipment: A tangible article of personal property that is complete in-and-of itself, durable, nonexpendable, and needed for the performance of a contract. Equipment generally has an expected service life of one year or more, and does not ordinarily lose its identity or become a component part of another article when put into use.<br><br>"M" - Material: Property that may be consumed or expended during the performance of a contract, component parts of a higher assembly, or items that lose their individual identity through incorporation into an end-item. Material does not include Equipment, Special Tooling, Special Test Equipment, or Unique Federal Property. |
| ContractNumber (1)    | Text   | 25       | This is the award instrument under which the item is currently designated as GFP.   |

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|-------------------------|------------|----------|---|
| ContractNumberType (1)  | Text       | 30       | The type of award instrument. Must be one of the following:<br><br>"DOD CONTRACT (FAR)"<br>"DOD CONTRACT (NON-FAR)"<br>"GRANT"<br>"COOPERATIVE AGREEMENT"<br>"OTHER AGREEMENT" - arrangements with non-Governmental entities that don't fit into any of the 5 contract types listed above<br>"INTRAGOVERNMENTAL" - e.g. MIPR - includes organic manufacture<br>"INTERGOVERNMENTAL" - i.e. bought from state or local government in the US<br>"MICROPURCHASE"<br>"NON-DOD CONTRACT (FAR)"<br>"NON-DOD CONTRACT (NON-FAR)"<br>"INTERNATIONAL AGREEMENT" - i.e. acquired from foreign government, or international entity such as the United Nations |
| DODAAC (0..1)           | Text       | 6        | The 6 digit DoDAAC of the Prime Contractor specified in the contract. At least one of CAGE, DoDAAC, and DUNS must be reported.  |
| DUNS (0..1)             | Integer    | 9        | The 9 digit DUNS Code of the Prime Contractor specified in the contract. At least one of CAGE, DoDAAC, and DUNS must be reported.   |
| ReceivedDate (0..1)     | CCYY-MM-DD | 10       | The date the item is received by the Contractor.  |
| SentDate (0..1)         | CCYY-MM-DD | 10       | The date the item is sent to the Contractor.  |
| StatusCode (1)          | Text       | 1        | "K" For Government Furnished Property   |
| <b>ItemOwner (0..1)</b> |            |          | <b>The entity that maintains the item on its property book. Either DoDEntitiy or FederalEntity must be provided but not both.</b>   |

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| DoDEntity [DoDEntityStatus attr] (0..1) | Text       | 65       | The owning DoD entity. Must be one of the following:  |
|   | attr: Text | 10       | "AIR FORCE"<br>"AMERICAN FORCES INFORMATION SERVICES (AFIS)"<br>"ARMY"<br>"COUNTERINTELLIGENCE FIELD ACTIVITY (CIFA)"<br>"DEFENSE ACQUISITION UNIVERSITY (DAU)"<br>"DEFENSE ADVANCED RESEARCH PROJECTS AGENCY (DARPA)"<br>"DEFENSE COMMISSARY AGENCY (DECA)"<br>"DEFENSE CONTRACT AUDIT AGENCY (DCAA)"<br>"DEFENSE CONTRACT MANAGEMENT AGENCY (DCMA)"<br>"DEFENSE FINANCE AND ACCOUNTING SERVICE (DFAS)"<br>"DEFENSE INFORMATION SYSTEMS AGENCY (DISA)"<br>"DEFENSE LOGISTICS AGENCY (DLA)"<br>"DEFENSE MEDIA CENTER (DMC)"<br>"DEFENSE MICROELECTRONICS ACTIVITY (DMEA)"<br>"DEFENSE PRISONERS OF WAR/MISSING PERSONNEL OFFICE (OSD/DPMO)"<br>"DEFENSE SECURITY COOPERATION AGENCY (DSCA)"<br>"DEFENSE SECURITY SERVICE (DSS)"<br>"DEFENSE TECHNICAL INFORMATION CENTER (DTIC)"<br>"DEFENSE THREAT REDUCTION AGENCY (DTRA)"<br>"DEPARTMENT OF DEFENSE INSPECTOR GENERAL (DODIG)"<br>"DEPT OF DEFENSE EDUCATION ACTIVITY (DODEA)"<br>"MARINE CORPS"<br>"MISSILE DEFENSE AGENCY (MDA)"<br>"NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY (NGA)"<br>"NAVY"<br>"PENTAGON FORCE PROTECTION AGENCY (PFPA)"<br>"TRICARE MANAGEMENT ACTIVITY (TMA)"<br>"U.S. SPECIAL OPERATIONS COMMAND (USSOCOM)"<br>"U.S. TRANSPORTATION COMMAND (USTRANSCOM)" |

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|--------------|--------|----------|---|
|              |        |          | <p>"UNIFORMED SERVICES UNIVERSITY OF THE HEALTH SCIENCES (USUHS)"<br/>                     "UNITED STATES MILITARY ENTRANCE PROCESSING COMMAND (USMEPCOM)"<br/>                     "WASHINGTON HEADQUARTERS SERVICE (WHS)"</p> <p>DoDEntityStatus attribute: Must contain one of the following values:</p> <p>ACTIVE<br/>                     GUARD<br/>                     RESERVE</p> <p>If &lt;DoDEntity&gt; is not one of the following, the attribute &lt;DoDEntityStatus&gt; must be "ACTIVE":</p> <p>"AIR FORCE"<br/>                     "ARMY"<br/>                     "MARINE CORPS"<br/>                     "NAVY"</p> <p>If &lt;DoDEntity&gt; is one of the following, the attribute &lt;DoDEntityStatus&gt; cannot be "GUARD":</p> <p>"MARINE CORPS"<br/>                     "NAVY"</p> |

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| FederalEntity | Text   | 70       | <p>The owning Federal non-DoD entity. Must be one of the following:</p> <p>"ADMINISTRATIVE CONFERENCE OF THE U. S."<br/> "AGENCY FOR INTERNATIONAL DEVELOPMENT"<br/> "AMERICAN BATTLE MONUMENTS COMMISSION"<br/> "ARMED FORCES RETIREMENT HOME"<br/> "BOARD FOR INTERNATIONAL BROADCASTING"<br/> "BROADCASTING BOARD OF GOVERNORS"<br/> "COMMISSION ON CIVIL RIGHTS"<br/> "COMMITTEE FOR PURCHASE FROM PEOPLE WHO ARE BLIND OR SEVERELY DISABLED"<br/> "COMMODITY FUTURES TRADING COMMISSION"<br/> "CONSUMER PRODUCT SAFETY COMMISSION"<br/> "CORPORATION FOR NATIONAL AND COMMUNITY SERVICE"<br/> "COURT SERVICES AND OFFENDER SUPERVISION AGENCY"<br/> "DEFENSE NUCLEAR FACILITIES SAFETY BOARD"<br/> "DEPARTMENT OF AGRICULTURE"<br/> "DEPARTMENT OF COMMERCE"<br/> "DEPARTMENT OF EDUCATION"<br/> "DEPARTMENT OF ENERGY"<br/> "DEPARTMENT OF HEALTH AND HUMAN SERVICES"<br/> "DEPARTMENT OF HOMELAND SECURITY"<br/> "DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT"<br/> "DEPARTMENT OF JUSTICE"<br/> "DEPARTMENT OF LABOR"<br/> "DEPARTMENT OF STATE"<br/> "DEPARTMENT OF THE INTERIOR"<br/> "DEPARTMENT OF THE TREASURY"<br/> "DEPARTMENT OF TRANSPORTATION"<br/> "DEPARTMENT OF VETERANS AFFAIRS"<br/> "ELECTION ASSISTANCE COMMISSION"</p> |

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|--------------|--------|----------|--|
|              |        |          | "ENVIRONMENTAL PROTECTION AGENCY"                          |
|              |        |          | "EQUAL EMPLOYMENT OPPORTUNITY COMMISSION"                  |
|              |        |          | "EXECUTIVE OFFICE OF THE PRESIDENT"                        |
|              |        |          | "FEDERAL COMMUNICATIONS COMMISSION"/>                      |
|              |        |          | "FEDERAL ELECTION COMMISSION"                              |
|              |        |          | "FEDERAL EMERGENCY MANAGEMENT AGENCY"                      |
|              |        |          | "FEDERAL ENERGY REGULATORY COMMISSION"                     |
|              |        |          | "FEDERAL HOUSING FINANCE AGENCY"                           |
|              |        |          | "FEDERAL HOUSING FINANCE BOARD"                            |
|              |        |          | "FEDERAL LABOR RELATIONS AUTHORITY"                        |
|              |        |          | "FEDERAL MARITIME COMMISSION"                              |
|              |        |          | "FEDERAL MEDIATION AND CONCILIATION SERVICE"               |
|              |        |          | FEDERAL MINE SAFETY AND HEALTH REVIEW COMMISSION"          |
|              |        |          | "FEDERAL TRADE COMMISSION"                                 |
|              |        |          | "GENERAL SERVICES ADMINISTRATION"                          |
|              |        |          | "INTERNATIONAL BOUNDARY AND WATER COMMISSION: U.S.-MEXICO" |
|              |        |          | "INTERNATIONAL TRADE COMMISSION"                           |
|              |        |          | "INTERSTATE COMMERCE COMMISSION"                           |
|              |        |          | "J. F. KENNEDY CENTER FOR THE PERFORMING ARTS"             |
|              |        |          | "LIBRARY OF CONGRESS"                                      |
|              |        |          | "MERIT SYSTEMS PROTECTION BOARD"                           |
|              |        |          | "MILLENIUM CHALLENGE CORPORATION"                          |
|              |        |          | "NATIONAL AERONAUTICS AND SPACE ADMINISTRATION"            |
|              |        |          | "NATIONAL ARCHIVES AND RECORDS ADMINISTRATION"             |
|              |        |          | "NATIONAL CAPITAL PLANNING COMMISSION"                     |
|              |        |          | "NATIONAL COMMISSION ON LIBRARIES AND INFORMATION SCIENCE" |
|              |        |          | "NATIONAL ENDOWMENT FOR THE ARTS"                          |
|              |        |          | "NATIONAL ENDOWMENT FOR THE HUMANITIES"                    |
|              |        |          | "NATIONAL FOUNDATION ON THE ARTS AND THE HUMANITIES"       |
|              |        |          | "NATIONAL GALLERY OF ART"                                  |
|              |        |          | "NATIONAL LABOR RELATIONS BOARD"                           |
|              |        |          | "NATIONAL MEDIATION BOARD"                                 |

# UID Registry XML V4.1

| Data Element         | Format     | Max Size | Definition   |
|----------------------|------------|----------|--|
|                      |            |          | "NATIONAL SCIENCE FOUNDATION"<br>"NATIONAL TRANSPORTATION SAFETY BOARD"<br>"NUCLEAR REGULATORY COMMISSION"<br>"OCCUPATIONAL SAFETY AND HEALTH REVIEW COMMISSION"<br>"OFFICE OF PERSONNEL MANAGEMENT"<br>"OFFICE OF SPECIAL COUNSEL"<br>"OVERSEAS PRIVATE INVESTMENT CORPORATION"<br>"PEACE CORPS"<br>"PENNSYLVANIA AVENUE DEVELOPMENT CORPORATION"<br>"PENSION BENEFIT GUARANTY CORPORATION"<br>"RAILROAD RETIREMENT BOARD"<br>"RECOVERY ACCOUNTABILITY AND TRANSPARENCY BOARD"<br>"SECURITIES AND EXCHANGE COMMISSION"<br>"SELECTIVE SERVICE SYSTEM"<br>"SMALL BUSINESS ADMINISTRATION"<br>"SMITHSONIAN INSTITUTION"<br>"SOCIAL SECURITY ADMINISTRATION"<br>"TENNESSEE VALLEY AUTHORITY"<br>"UNITED STATES ARMS CONTROL AND DISARMAMENT AGENCY"<br>"UNITED STATES HOLOCAUST MEMORIAL MUSEUM"<br>"UNITED STATES INFORMATION AGENCY"<br>"UNITED STATES TRADE AND DEVELOPMENT AGENCY"  |
| EffectiveDate (1..1) | CCYY-MM-DD | 10       | The date the entity took ownership of the item.  |
| Mark (1..∞)          |            |          | <p>Description of the physical markings on the end item as well as how the Unique Item Identifier (UII) is associated with the item.</p> <p>- <b>Must have at least one occurrence for the UII:</b></p> <p style="margin-left: 20px;">a) If the UII is marked physically, may have one or more Mark Loops whose Contents is 'UII' but none may have a Medium Code of 'DEFINED'.</p> <p style="margin-left: 20px;">b) If the Contents is 'UII' and the Medium Code is 'DEFINED', can have only one Mark Loop whose Contents is 'UII'.</p> <p style="margin-left: 20px;">c) If the UII's Medium Code is 'DEFINED', must have at least one other physical mark recorded whose Contents is not 'UII'.</p> <p>- <b>May have other Mark Loop occurrences to report additional physical markings as desired or required.</b></p> <p><b>NOTE:</b> The Item is not compliant with UID policy until the UII is marked with a 2D Data Matrix in accordance with the DoD policy and ISO/IEC 15434.</p> |

## UID Registry XML V4.1

| Data Element           | Format     | Max Size | Definition   |
|------------------------|------------|----------|--|
| BaggedOrTaggedCode (1) | Text       | 1        | "Y" if mark applied according to the Bag and Tag Business Rules else "N".  |
| Contents (1)           | Text       | 25       | <p>What has been recorded on or with the item. For UII, must contain "UID". All non-UII markings must be marked physically. The available values are:</p> <p>Values:<br/>           "CONTRACT NUMBER"<br/>           "DATE OF MANUFACTURE"<br/>           "FAA CERTIFICATION"<br/>           "HULL NUMBER"<br/>           "INTERNAL ASSET NUMBER"<br/>           "ITEM NOMENCLATURE"<br/>           "LOT NUMBER"<br/>           "MANUFACTURER CAGE"<br/>           "MANUFACTURER NAME"<br/>           "NATIONAL STOCK NUMBER"<br/>           "PART NUMBER"<br/>           "PROPERTY CONTROL NUMBER"<br/>           "SERIAL NUMBER"<br/>           "SERVICE/AGENCY/COMMAND"<br/>           "SUPPLIER NAME"<br/>           "TAIL NUMBER"<br/>           "TYPE DESIGNATION"<br/>           "UID"<br/>           "USA NUMBER"<br/>           "USAF NUMBER"<br/>           "USN NUMBER"<br/>           "VESSEL CLASS"</p> |
| EffectiveDate (1)      | CCYY-MM-DD | 10       | <p>The date the mark was associated with the item:</p> <ul style="list-style-type: none"> <li>- The date the UII was defined for the item but not physically attached (Medium Code contains 'DEFINED').</li> <li>- The date the mark, UII or otherwise, was marked physically.</li> </ul>  |
| AddedOrRemovedCode(1)  | Text       | 1        | A' Mark is added to the item   |
| MarkerCode (1)         | Text       | 3        | <p>Designator to indicate which code was used in the Marker Identifier.</p> <p>Values:<br/>           D - CAGE<br/>           LB - ANSI T1.220<br/>           LD - DoDAAC<br/>           LH - EHIBCC<br/>           UN - DUNS<br/>           0, 1, 2, 3, 4, 5, 6, 7, 8 or 9 - EAN.UCC Company Prefix</p>   |

## UID Registry XML V4.1

| Data Element         | Format | Max Size | Definition   |
|----------------------|--------|----------|--|
| MarkerIdentifier (1) | Text   | 13       | Code identifying the Entity that placed the mark on or associated the mark with the item.  |
| MediumCode (1)       | Text   | 25       | <p>The method used to associate the mark identified in Contents with the item. The codes provide information on what is needed to read the mark. The method used to associate the mark identified in Contents with the item. The codes provide information on what is needed to read the mark. The available codes for Contents other than "VESSEL CLASS" are:</p> <p>"2D COMPLIANT"<br/> "NONCOMPLIANT DATA MATRIX"<br/> "HUMAN READABLE"<br/> "CMB"<br/> "PDF417"<br/> "BARCODE"<br/> "RFID"</p> <p>When Contents contains "VESSEL CLASS", must contain "PROFILE".</p> <p>- If the UII is by association only, not physically marked, use "DEFINED". "DEFINED" can only be used when the Contents contains "UID".<br/> - When the UII is physically marked with a 2D Data Matrix in accordance with DoD policy, ISO/IEC 15434, use "2D COMPLIANT".</p> |
| Set (1)              | Text   | 25       | <p>Used to place marks in physical sets. For example, on a single item there are two data plates. "SET 1" would be used for the marks on the manufacturer's data plate and "SET 2" would be used for the marks on the government's data plate:</p> <p>Values:<br/> "SET 1"<br/> "SET 2"<br/> "SET 3"<br/> "SET 4"<br/> "SET 5"<br/> "SET 6"<br/> "SET 7"<br/> "SET 8"<br/> "SET 9"</p>   |

## UID Registry XML V4.1

| Data Element                                | Format     | Max Size | Definition  |
|---|------------|----------|---|
| Value (0..1)                                | Text       | 256      | <p>The string representation of the physical mark.</p> <p>Not required when the Contents contains "UID".</p> <p>When Contents contains "SERVICE/AGENCY/COMMAND", must contain one of the following:</p> <p>"CHEMBIO"<br/>                     "MDA"<br/>                     "SOCOM"<br/>                     "TRANSCOM"<br/>                     "USARMY"<br/>                     "USAF"<br/>                     "USCG"<br/>                     "USMC"<br/>                     "USN"</p> |
| <b>SpecialToolingOrTestEquipment (0..1)</b> |            |          | <b>The details about an item's special tooling and special test equipment status. Must be provided on any transaction that does not originate from Wide Area Work Flow (WAWF).</b>  |
| SpecialToolingOrTestEquipmentStatus (1)     | Text       | 40       | <p>Denotes the items's special tooling or special test equipment status. Must be one of the following:</p> <p>"NOT SPECIAL TOOLING OR TEST EQUIPMENT"<br/>                     "SPECIAL TEST EQUIPMENT (STE)"<br/>                     "SPECIAL TOOLING (ST)"</p>   |
| EffectiveDate (1)                           | CCYY-MM-DD | 10       | The date the Special Tooling Or Test Equipment Status is effective.   |
| <b>TypeDesignation (0..1)</b>               |            |          | <b>The type designation of the item.</b>  |

# UID Registry XML V4.1

| Data Element              | Format     | Max Size | Definition   |
|---------------------------|------------|----------|--|
| TypeDesignationMethod (1) | Text       | 80       | The method used to assign the type designation. Must be one of the following:<br><br>"AEROSPACE ENGINES, AIRBREATHING (MIL-HDBK-1812)"<br>"AEROSPACE ENGINES, NON-AIRBREATHING (MIL-HDBK-1812)"<br>"AEROSPACE EQUIPMENT AND SUPPORT EQUIPMENT (MIL-HDBK-1812)"<br>"ARMY NOMENCLATURE SYSTEM (MIL-STD-1464A)"<br>"GROUPS AND UNITS (MIL-HDBK-1812)"<br>"JOINT ELECTRONICS TYPE DESIGNATION SYSTEM ("A/N") (MIL-STD-196E)"<br>"NAVAL VESSEL REGISTRATION SYSTEM (SECNAV INSTRUCTION 5030.8)"<br>"NAVY MARK/MOD NOMENCLATURE SYSTEM (MIL-STD-1661)"<br>"PHOTOGRAPHIC EQUIPMENT (MIL-HDBK-1812)"<br>"U.S. MILITARY AEROSPACE VEHICLE DESIGNATION - AIRCRAFT (DOD DIRECTIVE 4120.15)"<br>"U.S. MILITARY AEROSPACE VEHICLE DESIGNATION - MISSILES, ROCKETS, PROBES AND SATELLITES (DOD DIRECTIVE 4120.15)" |
| TypeDesignationValue (1)  | Text       | 100      | The value of the type designation.   |
| EffectiveDate (1)         | CCYY-MM-DD | 10       | The date the type designation is effective.  |
| <b>UpdateItem (0..∞)</b>  |            |          | <b>Use to update the information about an item, embedded or not, that is in the UID Registry.</b>  |
| Uid (1)                   | Text       | 50       | The UID of the item whose information is being updated.  |
| <b>Custody (0..1)</b>     |            |          | <b>Use to record a change in an item's custodian, GFP status, or a change in the contract under which the item is held as GFP.</b>   |
| CAGE (0..1)               | Text       | 5        | The 5 digit CAGE Code of the Prime Contractor specified in the contract. At least one of CAGE, DoDAAC, and DUNS must be reported.  |
| CategoryCode (0..1)       | Text       | 1        | Used when recording change in custody of GFP. Must be one of the following codes:<br><br>"E" - Equipment: A tangible article of personal property that is complete in-and-of itself, durable, nonexpendable, and needed for the performance of a contract. Equipment generally has an expected service life of one year or more, and does not ordinarily lose its identity or become a component part of another article when put into use.<br><br>"M" - Material: Property that may be consumed or expended during the performance of a contract, component parts of a higher assembly, or items that lose their individual identity through incorporation into an end-item. Material does not include Equipment, Special Tooling, Special Test Equipment, or Unique Federal Property.              |

## UID Registry XML V4.1

| Data Element   | Format     | Max Size | Definition  |
|--|------------|----------|---|
| ContractNumber (1)   | Text       | 25       | This is the award instrument under which the item is designated as GFP. If the item was associated with one award instrument as GFP and the association is being changed directly to another award instrument, this would contain the second award instrument's number.   |
| ContractNumberType (1)   | Text       | 30       | The type of award instrument. Must be one of the following:<br><br>"DOD CONTRACT (FAR)"<br>"DOD CONTRACT (NON-FAR)"<br>"GRANT"<br>"COOPERATIVE AGREEMENT"<br>"OTHER AGREEMENT" - arrangements with non-Governmental entities that don't fit into any of the 5 contract types listed above<br>"INTRAGOVERNMENTAL" - e.g. MIPR - includes organic manufacture<br>"INTERGOVERNMENTAL" - i.e. bought from state or local government in the US<br>"MICROPURCHASE"<br>"NON-DOD CONTRACT (FAR)"<br>"NON-DOD CONTRACT (NON-FAR)"<br>"INTERNATIONAL AGREEMENT" - i.e. acquired from foreign government, or international entity such as the United Nations |
| DODAAC (0..1)  | Text       | 6        | The 6 digit DoDAAC of the Prime Contractor specified in the contract. At least one of CAGE, DoDAAC, and DUNS must be reported.  |
| DUNS (0..1)  | Integer    | 9        | The 9 digit DUNS Code of the Prime Contractor specified in the contract. At least one of CAGE, DoDAAC, and DUNS must be reported.   |
| ReceivedDate (0..1)  | CCYY-MM-DD | 10       | The date the item is received by the Government or by the Contractor.   |
| SentDate (0..1)  | CCYY-MM-DD | 10       | The date the item is sent to the Government or to the Contractor.   |
| StatusCode (1)   | Text       | 1        | "K" Item is Government Furnished Property being delivered to the custody of a contractor.<br>'G' Item is Government Furnished Property being delivered to the custody of the government   |
| <b>ItemOwner (0..1)</b> Use to record changes to the entity that maintains the item on its property book. Either DoDEntity or FederalEntity must be provided but not both. |            |          |   |

## UID Registry XML V4.1

| Data Element                            | Format     | Max Size | Definition  |
|---|------------|----------|---|
| DoDEntity [DoDEntityStatus attr] (0..1) | Text       | 65       | The owning DoD entity. Must be one of the following:  |
|   | attr: Text | 10       | "AIR FORCE"<br>"AMERICAN FORCES INFORMATION SERVICES (AFIS)"<br>"ARMY"<br>"COUNTERINTELLIGENCE FIELD ACTIVITY (CIFA)"<br>"DEFENSE ACQUISITION UNIVERSITY (DAU)"<br>"DEFENSE ADVANCED RESEARCH PROJECTS AGENCY (DARPA)"<br>"DEFENSE COMMISSARY AGENCY (DECA)"<br>"DEFENSE CONTRACT AUDIT AGENCY (DCAA)"<br>"DEFENSE CONTRACT MANAGEMENT AGENCY (DCMA)"<br>"DEFENSE FINANCE AND ACCOUNTING SERVICE (DFAS)"<br>"DEFENSE INFORMATION SYSTEMS AGENCY (DISA)"<br>"DEFENSE LOGISTICS AGENCY (DLA)"<br>"DEFENSE MEDIA CENTER (DMC)"<br>"DEFENSE MICROELECTRONICS ACTIVITY (DMEA)"<br>"DEFENSE PRISONERS OF WAR/MISSING PERSONNEL OFFICE (OSD/DPMO)"<br>"DEFENSE SECURITY COOPERATION AGENCY (DSCA)"<br>"DEFENSE SECURITY SERVICE (DSS)"<br>"DEFENSE TECHNICAL INFORMATION CENTER (DTIC)"<br>"DEFENSE THREAT REDUCTION AGENCY (DTRA)"<br>"DEPARTMENT OF DEFENSE INSPECTOR GENERAL (DODIG)"<br>"DEPT OF DEFENSE EDUCATION ACTIVITY (DODEA)"<br>"MARINE CORPS"<br>"MISSILE DEFENSE AGENCY (MDA)"<br>"NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY (NGA)"<br>"NAVY"<br>"PENTAGON FORCE PROTECTION AGENCY (PFPA)"<br>"TRICARE MANAGEMENT ACTIVITY (TMA)"<br>"U.S. SPECIAL OPERATIONS COMMAND (USSOCOM)"<br>"U.S. TRANSPORTATION COMMAND (USTRANSCOM)" |

# UID Registry XML V4.1

| Data Element | Format | Max Size | Definition  |
|--------------|--------|----------|---|
|              |        |          | <p>"UNIFORMED SERVICES UNIVERSITY OF THE HEALTH SCIENCES (USUHS)"<br/>                     "UNITED STATES MILITARY ENTRANCE PROCESSING COMMAND (USMEPCOM)"<br/>                     "WASHINGTON HEADQUARTERS SERVICE (WHS)"</p> <p>DoDEntityStatus attribute: Must contain one of the following values:</p> <p>ACTIVE<br/>                     GUARD<br/>                     RESERVE</p> <p>If &lt;DoDEntity&gt; is not one of the following, the attribute &lt;DoDEntityStatus&gt; must be "ACTIVE":</p> <p>"AIR FORCE"<br/>                     "ARMY"<br/>                     "MARINE CORPS"<br/>                     "NAVY"</p> <p>If &lt;DoDEntity&gt; is one of the following, the attribute &lt;DoDEntityStatus&gt; cannot be "GUARD":</p> <p>"MARINE CORPS"<br/>                     "NAVY"</p> |

# UID Registry XML V4.1

| Data Element  | Format | Max Size | Definition  |
|---------------|--------|----------|---|
| FederalEntity | Text   | 70       | <p>The owning Federal non-DoD entity. Must be one of the following:</p> <ul style="list-style-type: none"> <li>"ADMINISTRATIVE CONFERENCE OF THE U. S."</li> <li>"AGENCY FOR INTERNATIONAL DEVELOPMENT"</li> <li>"AMERICAN BATTLE MONUMENTS COMMISSION"</li> <li>"ARMED FORCES RETIREMENT HOME"</li> <li>"BOARD FOR INTERNATIONAL BROADCASTING"</li> <li>"BROADCASTING BOARD OF GOVERNORS"</li> <li>"COMMISSION ON CIVIL RIGHTS"</li> <li>"COMMITTEE FOR PURCHASE FROM PEOPLE WHO ARE BLIND OR SEVERELY DISABLED"</li> <li>"COMMODITY FUTURES TRADING COMMISSION"</li> <li>"CONSUMER PRODUCT SAFETY COMMISSION"</li> <li>"CORPORATION FOR NATIONAL AND COMMUNITY SERVICE"</li> <li>"COURT SERVICES AND OFFENDER SUPERVISION AGENCY"</li> <li>"DEFENSE NUCLEAR FACILITIES SAFETY BOARD"</li> <li>"DEPARTMENT OF AGRICULTURE"</li> <li>"DEPARTMENT OF COMMERCE"</li> <li>"DEPARTMENT OF EDUCATION"</li> <li>"DEPARTMENT OF ENERGY"</li> <li>"DEPARTMENT OF HEALTH AND HUMAN SERVICES"</li> <li>"DEPARTMENT OF HOMELAND SECURITY"</li> <li>"DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT"</li> <li>"DEPARTMENT OF JUSTICE"</li> <li>"DEPARTMENT OF LABOR"</li> <li>"DEPARTMENT OF STATE"</li> <li>"DEPARTMENT OF THE INTERIOR"</li> <li>"DEPARTMENT OF THE TREASURY"</li> <li>"DEPARTMENT OF TRANSPORTATION"</li> <li>"DEPARTMENT OF VETERANS AFFAIRS"</li> <li>"ELECTION ASSISTANCE COMMISSION"</li> </ul> |

## UID Registry XML V4.1

| Data Element | Format | Max Size | Definition   |
|--------------|--------|----------|--|
|              |        |          | "ENVIRONMENTAL PROTECTION AGENCY"                          |
|              |        |          | "EQUAL EMPLOYMENT OPPORTUNITY COMMISSION"                  |
|              |        |          | "EXECUTIVE OFFICE OF THE PRESIDENT"                        |
|              |        |          | "FEDERAL COMMUNICATIONS COMMISSION"/>                      |
|              |        |          | "FEDERAL ELECTION COMMISSION"                              |
|              |        |          | "FEDERAL EMERGENCY MANAGEMENT AGENCY"                      |
|              |        |          | "FEDERAL ENERGY REGULATORY COMMISSION"                     |
|              |        |          | "FEDERAL HOUSING FINANCE AGENCY"                           |
|              |        |          | "FEDERAL HOUSING FINANCE BOARD"                            |
|              |        |          | "FEDERAL LABOR RELATIONS AUTHORITY"                        |
|              |        |          | "FEDERAL MARITIME COMMISSION"                              |
|              |        |          | "FEDERAL MEDIATION AND CONCILIATION SERVICE"               |
|              |        |          | FEDERAL MINE SAFETY AND HEALTH REVIEW COMMISSION"          |
|              |        |          | "FEDERAL TRADE COMMISSION"                                 |
|              |        |          | "GENERAL SERVICES ADMINISTRATION"                          |
|              |        |          | "INTERNATIONAL BOUNDARY AND WATER COMMISSION: U.S.-MEXICO" |
|              |        |          | "INTERNATIONAL TRADE COMMISSION"                           |
|              |        |          | "INTERSTATE COMMERCE COMMISSION"                           |
|              |        |          | "J. F. KENNEDY CENTER FOR THE PERFORMING ARTS"             |
|              |        |          | "LIBRARY OF CONGRESS"                                      |
|              |        |          | "MERIT SYSTEMS PROTECTION BOARD"                           |
|              |        |          | "MILLENIUM CHALLENGE CORPORATION"                          |
|              |        |          | "NATIONAL AERONAUTICS AND SPACE ADMINISTRATION"            |
|              |        |          | "NATIONAL ARCHIVES AND RECORDS ADMINISTRATION"             |
|              |        |          | "NATIONAL CAPITAL PLANNING COMMISSION"                     |
|              |        |          | "NATIONAL COMMISSION ON LIBRARIES AND INFORMATION SCIENCE" |
|              |        |          | "NATIONAL ENDOWMENT FOR THE ARTS"                          |
|              |        |          | "NATIONAL ENDOWMENT FOR THE HUMANITIES"                    |
|              |        |          | "NATIONAL FOUNDATION ON THE ARTS AND THE HUMANITIES"       |
|              |        |          | "NATIONAL GALLERY OF ART"                                  |
|              |        |          | "NATIONAL LABOR RELATIONS BOARD"                           |
|              |        |          | "NATIONAL MEDIATION BOARD"                                 |

# UID Registry XML V4.1

| Data Element          | Format         | Max Size | Definition  |
|-----------------------|----------------|----------|---|
|                       |                |          | "NATIONAL SCIENCE FOUNDATION"<br>"NATIONAL TRANSPORTATION SAFETY BOARD"<br>"NUCLEAR REGULATORY COMMISSION"<br>"OCCUPATIONAL SAFETY AND HEALTH REVIEW COMMISSION"<br>"OFFICE OF PERSONNEL MANAGEMENT"<br>"OFFICE OF SPECIAL COUNSEL"<br>"OVERSEAS PRIVATE INVESTMENT CORPORATION"<br>"PEACE CORPS"<br>"PENNSYLVANIA AVENUE DEVELOPMENT CORPORATION"<br>"PENSION BENEFIT GUARANTY CORPORATION"<br>"RAILROAD RETIREMENT BOARD"<br>"RECOVERY ACCOUNTABILITY AND TRANSPARENCY BOARD"<br>"SECURITIES AND EXCHANGE COMMISSION"<br>"SELECTIVE SERVICE SYSTEM"<br>"SMALL BUSINESS ADMINISTRATION"<br>"SMITHSONIAN INSTITUTION"<br>"SOCIAL SECURITY ADMINISTRATION"<br>"TENNESSEE VALLEY AUTHORITY"<br>"UNITED STATES ARMS CONTROL AND DISARMAMENT AGENCY"<br>"UNITED STATES HOLOCAUST MEMORIAL MUSEUM"<br>"UNITED STATES INFORMATION AGENCY"<br>"UNITED STATES TRADE AND DEVELOPMENT AGENCY" |
| EffectiveDate (1..1)  | CCYY-<br>MM-DD | 10       | The date the entity took ownership of the item.   |
|                       |                |          |   |
|                       |                |          |   |
| LifeCycleEvent (0..1) |                |          | The state, condition, or situation of the item.   |

## UID Registry XML V4.1

| Data Element                     |  | Format     | Max Size | Definition   |
|----------------------------------|--|------------|----------|--|
| Event (1)                        |  | Text       | 28       | <p>The type of life cycle event. Must be one of the following codes (see Event Defn sheet for descriptions):</p> <p>"ABANDONED"<br/> "CONSUMED"<br/> "DESTROYED - ACCIDENT"<br/> "DESTROYED - COMBAT"<br/> "DONATED"<br/> "EXCHANGED - SOLD"<br/> "EXCHANGED - REPAIR"<br/> "EXCHANGED - WARRANTY"<br/> "EXPENDED - NORMAL USE"<br/> "EXPENDED - EXPERIMENTAL/TARGET"<br/> "LEASED"<br/> "LOANED"<br/> "LOST"<br/> "REINTRODUCED"<br/> "RETIRED"<br/> "SCRAPPED"<br/> "SOLD - OTHER FEDERAL"<br/> "SOLD - STATE/LOCAL"<br/> "SOLD - FOREIGN GOV'T"<br/> "SOLD - NONGOV'T"<br/> "SOLD - HISTORIC"<br/> "STOLEN"</p> |
| EventDate (1)                    |  | CCYY-MM-DD | 10       | The date the life cycle event occurred or was effective.   |
| RecordingEntityCode (0..1)       |  | Text       | 3        | <p>Designator to indicate which code was used in the Recording Entity Identifier. If provided, Recording Entity Identifier must also be provided.</p> <p>Values:<br/> D - CAGE<br/> LD - DoDAAC<br/> UN - DUNS</p>   |
| RecordingEntityIdentifier (0..1) |  | Text       | 9        | <p>Code identifying the Entity that provided the life cycle event information. Used when the entity that provided the life cycle event information is not provided by an approved system. If provided, Recording Entity Code must also be provided.</p> <p>If provided, Source Document and System UID should not be provided.</p>   |
| SourceDocument (0..1)            |  | Text       | 25       | The document number, case number or other identification number that can be used as a reference to the detailed information about the event in the system identified by the System UID. If provided, System UID must also be provided.   |

## UID Registry XML V4.1

| Data Element               | Format  | Max Size | Definition   |
|----------------------------|---------|----------|--|
| SystemUID (0..1)           | Text    | 10       | The system that provided the life cycle event information and contains the details of the disposition. Must be one of the following:<br><br>LTDD<br>PCARSS<br>DAISY<br><br>If provided, Source Document must also be provided.<br>If provided, Recording Entity Code and Recording Entity Identifier should not be provided. |
| <b>Location (0..1)</b>     |         |          | <b>Provide the custodian or item location if the EVENT is ABANDONED, CONSUMED, DESTROYED, EXPENDED, LOST, or STOLEN. For LOST and STOLEN, report the last known location.</b>  |
| CAGE (0..1)                | Text    | 5        | The 5 digit CAGE Code of the entity who received the item.   |
| DODAACOrMAPAC (0..1)       | Text    | 6        | The 6 digit DoDAAC or MAPAC of the entity who received the item.   |
| DUNS (0..1)                | Integer | 9        | The 9 digit DUNS Code of the entity who received the item.   |
| <b>Site (0..1)</b>         |         |          | <b>Use when the custodian or item location cannot be identified with a CAGE, DoDAAC, Duns, or MAPAC.</b>   |
| City (0..1)                | Text    | 50       | Must provide at least one of City and StateOrProvince if Country is provided.  |
| StateOrProvince (0..1)     | Text    | 50       | Must provide at least one of City and StateOrProvince if Country is provided.  |
| Country (0..1)             | Text    | 2        | Must provide if City and/or StateOrProvince is provided. When provided, the value must be from the International Standard Organization (ISO) 3166-1 alpha-2 standard.  |
| PostalCode (0..1)          | Text    | 15       | The postal code of the site.   |
| Other (0..1)               | Text    | 70       | Use when the other information is insufficient. For example, if a ship is sunk in the middle of a body of water, enter the name of the body of water. E.g. Arabian Sea   |
| <b>Recipient (0..1)</b>    |         |          | <b>If the EVENT is DONATED, EXCHANGED, LEASED, LOANED, or SOLD, report the entity that received the item. At least one of CAGE, DODAAC, DUNS, and Organization must be provided.</b>   |
| CAGE (0..1)                | Text    | 5        | The 5 digit CAGE Code of the entity who received the item.   |
| DODAACOrMAPAC (0..1)       | Text    | 6        | The 6 digit DoDAAC or MAPAC of the entity who received the item.   |
| DUNS (0..1)                | Integer | 9        | The 9 digit DUNS Code of the entity who received the item.   |
| <b>Organization (0..1)</b> |         |          | <b>Use when the receiving entity cannot be identified with a CAGE, DoDAAC, Duns, or MAPAC.</b>   |
| Name (1)                   | Text    | 70       | The name of the entity who received the item.  |
| City (0..1)                | Text    | 50       | Must provide at least one of City and StateOrProvince.   |
| StateOrProvince (0..1)     | Text    | 50       | Must provide at least one of City and StateOrProvince.   |

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| Data Element           | Format | Max Size | Definition  |
|------------------------|--------|----------|---|
| Country (1)            | Text   | 2        | The value must be from the International Standard Organization (ISO) 3166-1 alpha-2 standard.   |
| PostalCode (0..1)      | Text   | 15       | The postal code of the entity listed in Name. Must be provided if Country is 'US'.  |
| Mark (0..∞)            |        |          | <p>Description of the physical markings on the item as well as how the Unique Item Identifier (UII) is associated with the item. Only used if a mark has been modified, deleted, or added.</p> <p>There must always be at least one UII mark recorded in the registry.</p> <p>If a non-UII mark is being removed and the UII's Medium Code is 'DEFINED', there must be at least one other non-UII mark already in the Registry or being added.</p> <p><b>NOTE:</b> The Item is not compliant with UID policy until the UII is marked with a 2D Data Matrix in accordance with the DoD policy and ISO/IEC 15434.</p> |
| BaggedOrTaggedCode (1) | Text   | 1        | "Y" if mark applied according to the Bag and Tag business rule else "N".  |

## UID Registry XML V4.1

|  | Data Element           | Format     | Max Size | Definition   |
|--|------------------------|------------|----------|--|
|  | Contents (1)           | Text       | 25       | <p>What has been recorded on or with the item. For UII, must contain "UID". All non-UII markings must be marked physically. The available values are:</p> <p>Values:<br/> "CONTRACT NUMBER"<br/> "DATE OF MANUFACTURE"<br/> "FAA CERTIFICATION"<br/> "HULL NUMBER"<br/> "INTERNAL ASSET NUMBER"<br/> "ITEM NOMENCLATURE"<br/> "LOT NUMBER"<br/> "MANUFACTURER CAGE"<br/> "MANUFACTURER NAME"<br/> "NATIONAL STOCK NUMBER"<br/> "PART NUMBER"<br/> "PROPERTY CONTROL NUMBER"<br/> "SERIAL NUMBER"<br/> "SERVICE/AGENCY/COMMAND"<br/> "SUPPLIER NAME"<br/> "TAIL NUMBER"<br/> "TYPE DESIGNATION"<br/> "UID"<br/> "USA NUMBER"<br/> "USAF NUMBER"<br/> "USN NUMBER"<br/> "VESSEL CLASS"</p> |
|  | EffectiveDate (1)      | CCYY-MM-DD | 10       | The date the mark was added, removed or modified.  |
|  | AddedOrRemovedCode (1) | Text       | 1        | <p>A' Mark is added to the item<br/> 'R' Mark is removed from the item.<br/> 'C' The UII mark's Medium Code is being changed from 'DEFINED' to a physical medium.</p>  |
|  | MarkerCode (1)         | Text       | 3        | <p>Designator to indicate which code was used in the Marker Identifier.</p> <p>Values:<br/> D - CAGE<br/> LB - ANSI T1.220<br/> LD - DoDAAC<br/> LH - EHIBCC<br/> UN - DUNS<br/> 0, 1, 2, 3, 4, 5, 6, 7, 8 or 9 - EAN.UCC Company Prefix</p>   |

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| Data Element         | Format | Max Size | Definition   |
|----------------------|--------|----------|--|
| MarkerIdentifier (1) | Text   | 13       | Code identifying the Entity that placed the mark on or associated the mark with the item.  |
| MediumCode (1)       | Text   | 25       | <p>The method used to associate the mark identified in Contents with the item. The codes provide information on what is needed to read the mark. The available codes for Contents other than "VESSEL CLASS" are:</p> <p>"2D COMPLIANT"<br/>                     "NONCOMPLIANT DATA MATRIX"<br/>                     "HUMAN READABLE"<br/>                     "CMB"<br/>                     "PDF417"<br/>                     "BARCODE"<br/>                     "RFID"</p> <p>When Contents contains "VESSEL CLASS", must contain "PROFILE".</p> <p>- If the UII is by association only, not physically marked, use "DEFINED". "DEFINED" can only be used when the Contents contains "UID".<br/>                     - When the UII is physically marked with a 2D Data Matrix in accordance with DoD policy, ISO/IEC 15434, use "2D COMPLIANT".</p> |
| Set (1)              | Text   | 25       | <p>Used to place marks in physical sets. For example, on a single item there are two data plates. "SET 1" would be used for the marks on the manufacturer's data plate and "SET 2" would be used for the marks on the government's data plate:</p> <p>Values:<br/>                     "SET 1"<br/>                     "SET 2"<br/>                     "SET 3"<br/>                     "SET 4"<br/>                     "SET 5"<br/>                     "SET 6"<br/>                     "SET 7"<br/>                     "SET 8"<br/>                     "SET 9"</p>   |

## UID Registry XML V4.1

| Data Element                   | Format           | Max Size | Definition  |
|--------------------------------|------------------|----------|---|
| Value (0..1)                   | Text             | 256      | <p>The string representation of the physical mark.</p> <p>Not required when the Contents contains "UID".</p> <p>When Contents contains "SERVICE/AGENCY/COMMAND", must contain one of the following:</p> <p>"CHEMBIO"<br/>                     "MDA"<br/>                     "SOCOM"<br/>                     "TRANSCOM"<br/>                     "USARMY"<br/>                     "USAF"<br/>                     "USCG"<br/>                     "USMC"<br/>                     "USN"</p> |
| <b>Rollover (0..1)</b>         |                  |          | <b>Used to record a rollover to an item's part number.</b>  |
| RolloverType (1)               | Text             | 25       | <p>Identifies the type of rollover. Must be one of the following:</p> <p>BATCH OR LOT NUMBER<br/>                     PART NUMBER</p>   |
| RolloverValue (1)              | Text             | 32       | The new value assigned to the item as identified by the Rollover Type because of the rollover event.  |
| CurrentAcquisitionValue (1)    | Floating Decimal | 18       | The cost of the rollover incurred by the DoD.   |
| CurrentForeignCurrencyCode (1) | Text             | 3        | International Organization of Standardization code from ISO 4217 representing the currency unit of Current Acquisition Value.   |
| RolloverContractNumber (1)     | Text             | 25       | The number of the award instrument under which the rollover occurred.   |

## UID Registry XML V4.1

| Data Element   | Format     | Max Size | Definition   |
|--|------------|----------|--|
| RolloverContractNumberType (1)   | Text       | 30       | <p>The type of award instrument. Must be one of the following:</p> <p>"DOD CONTRACT (FAR)"<br/>                     "DOD CONTRACT (NON-FAR)"<br/>                     "GRANT"<br/>                     "COOPERATIVE AGREEMENT"<br/>                     "OTHER AGREEMENT" - arrangements with non-Governmental entities that don't fit into any of the 5 contract types listed above<br/>                     "INTRAGOVERNMENTAL" - e.g. MIPR - includes organic manufacture<br/>                     "INTERGOVERNMENTAL" - i.e. bought from state or local government in the US<br/>                     "MICROPURCHASE"<br/>                     "NON-DOD CONTRACT (FAR)"<br/>                     "NON-DOD CONTRACT (NON-FAR)"<br/>                     "INTERNATIONAL AGREEMENT" - i.e. acquired from foreign government, or international entity such as the United Nations</p> |
| RolloverDescription (1..∞)   | Text       | 250      | New description of the item that reflects the rollover.  |
| RolloverEffectiveDate (1)  | CCYY-MM-DD | 10       | The date the item incurred the rollover.   |
| RolloverWarranty (0..1)  | Text       | 3        | <p>Indicates whether or not a new warranty is provided with the item due to the rollover. Must be one of the following:</p> <p>"NO"<br/>                     "YES"</p> <p>If it is unknown if there is a warranty, do not provide the element.</p>   |
| <b>SpecialToolingOrTestEquipment (0..1)</b>  |            |          |  |
| <p><b>Used to record changes to an item's special tooling and special test equipment status. Must be provided on any transaction that does not originate from Wide Area Work Flow (WAWF) when there is no &lt;SpecialToolingOrTestEquipment&gt; data recorded in the IUID Registry for the item.</b></p> |            |          |  |
| SpecialToolingOrTestEquipmentStatus (1)  | Text       | 40       | <p>Denotes the items's special tooling or special test equipment status. Must be one of the following:</p> <p>"NOT SPECIAL TOOLING OR TEST EQUIPMENT"<br/>                     "SPECIAL TEST EQUIPMENT (STE)"<br/>                     "SPECIAL TOOLING (ST)"</p>  |
| EffectiveDate (1)  | CCYY-MM-DD | 10       | The date the Special Tooling Or Test Equipment Status is effective.  |
| <b>TypeDesignation (0..1)</b>  |            |          |  |
| <p><b>Used to record changes to the type designation of the item.</b></p>  |            |          |  |

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| Data Element                 | Format     | Max Size | Definition  |
|------------------------------|------------|----------|---|
| TypeDesignationMethod (1)    | Text       | 80       | <p>The method used to assign the type designation. Must be one of the following:</p> <p>“AEROSPACE ENGINES, AIRBREATHING (MIL-HDBK-1812)”</p> <p>“AEROSPACE ENGINES, NON-AIRBREATHING (MIL-HDBK-1812)”</p> <p>“AEROSPACE EQUIPMENT AND SUPPORT EQUIPMENT (MIL-HDBK-1812)”</p> <p>“ARMY NOMENCLATURE SYSTEM (MIL-STD-1464A)”</p> <p>“GROUPS AND UNITS (MIL-HDBK-1812)”</p> <p>“JOINT ELECTRONICS TYPE DESIGNATION SYSTEM ("A/N") (MIL-STD-196E)”</p> <p>“NAVAL VESSEL REGISTRATION SYSTEM (SECNAV INSTRUCTION 5030.8)”</p> <p>“NAVY MARK/MOD NOMENCLATURE SYSTEM (MIL-STD-1661)”</p> <p>“PHOTOGRAPHIC EQUIPMENT (MIL-HDBK-1812)”</p> <p>“U.S. MILITARY AEROSPACE VEHICLE DESIGNATION - AIRCRAFT (DOD DIRECTIVE 4120.15)”</p> <p>“U.S. MILITARY AEROSPACE VEHICLE DESIGNATION - MISSILES, ROCKETS, PROBES AND SATELLITES (DOD DIRECTIVE 4120.15)”</p> |
| TypeDesignationValue (1)     | Text       | 100      | The value of the type designation.  |
| EffectiveDate (1)            | CCYY-MM-DD | 10       | The date the type designation is effective.   |
| <b>UpdateEmbedded (0..2)</b> |            |          | <p><b>Use to record parent information if the item is being embedded into another item or has been removed from an item and returned to DoD as an end item.</b></p> <p><b>When an item is removed from one item and then embedded into another item, provide two loops - one to record the removal and one to record the add.</b></p>   |
| AddedOrRemovedCode (1)       | Text       | 1        | <p>"A" If being added to an item.</p> <p>"R" if being removed from an item.</p>   |
| EffectiveDate (1)            | CCYY-MM-DD | 10       | The date the item was embedded into another item or removed from an item.   |
| ParentUID (0..1)             | Text       | 50       | The UID of the item into which the item was embedded. Not required when an item is being removed from another item.   |

## Live Cycle Events

| Term                           | Element   | Definition Source |
|--------------------------------|---|-------------------|
| Abandoned                      | Property surrendered by a Federal agency after a written determination that the property has no commercial value, or the estimated cost of its continued care and handling would exceed the estimated proceeds from its sale. An item has no commercial value when it has neither utility or monetary value (either as useable property or as scrap). |                   |
| Consumed                       | Non-reversibly incorporated into another item   |                   |
| Destroyed - Accident           | Destroyed during a fire, natural disaster, or other unplanned natural or man-made incident.   |                   |
| Destroyed - Combat             | Destroyed by the enemy during combat  |                   |
| Donated                        | Surplus property provided to a Service Educational Activity; a State, political subdivision, municipality, or tax-supported institution acting on behalf of a public airport; a public agency; a public body; a charitable institution; or any State or local government agency, and certain nonprofit organizations or institutions.                 |                   |
| Exchanged - Sold               | Provided to a supplier for credit.  |                   |
| Exchanged - Repair             | Provided to a supplier for an equivalent replacement part.  |                   |
| Exchanged - Warranty           | Provided to a supplier for an equivalent replacement part or credit while under warranty.   |                   |
| Expended - Normal use          | Such as in the firing of a missile during combat or consumed during a manufacturing process.  |                   |
| Expended - Experimental/Target | Such as the firing of a missile during training exercises and for testing; items destroyed while serving as a target during training exercises and tests.   |                   |
| Leased                         | Property that is granted to a lessee for a period of time in exchange for rent or other consideration.  |                   |
| Loaned                         | owned by a DoD Component and loaned to contractors, scientific institutions or other organizations.   |                   |
| Lost                           | Property that cannot be located or otherwise accounted for.   |                   |
| Reintroduced                   | When an item is returned to DoD service.  |                   |
| Retired                        | Withdrawn from normal service; taken out of use. Includes decommissioned, stricken, sunken, transferred to AMARC/DRMS, etc.; excludes temporary idling of the item.   |                   |
| Scrapped                       | Waste material that will be reused or reprocessed.  |                   |

|                      |   |  |
|----------------------|---|--|
| Sold - Other Federal | Title transferred to non-DoD Federal Agencies with compensation   |  |
| Sold - State/Local   | Title transferred to non-Federal governmental entities with compensation                                |  |
| Sold - Foreign Govt  | Title transferred to non-US governmental entities with compensation                                     |  |
| Sold - Nongovt       | Title transferred to non-governmental entities such as churches, organizations, etc. with compensation. |  |
| Sold - Historic      | Title transferred to a museum or similar entity with compensation                                       |  |
| Stolen               | Lost via theft.   |  |