



INFORMATION NAVIGATIONAL KEYS FOR PROJECT BROADSWORD VERSION 2.0

Prepared for:

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1.0 Purpose

This document identifies a set of tags that are available through Project Broadsword's GateKeeper. Each tag is defined in terms of a federated view of indexed and/or queriable elements. This is a living document and is updated as new sources and tags are added to the baseline.

1.1 Background

Over the past decade the Intelligence community has moved from a mainframe architecture to a client-server and currently to a Web-based one. Project Broadsword is pushing this architecture one step further – an architecture of a collection of systems to one of a system of systems. To accomplish this Broadsword supports a multi-tier architecture. Figure 1 provides this conceptual architecture.

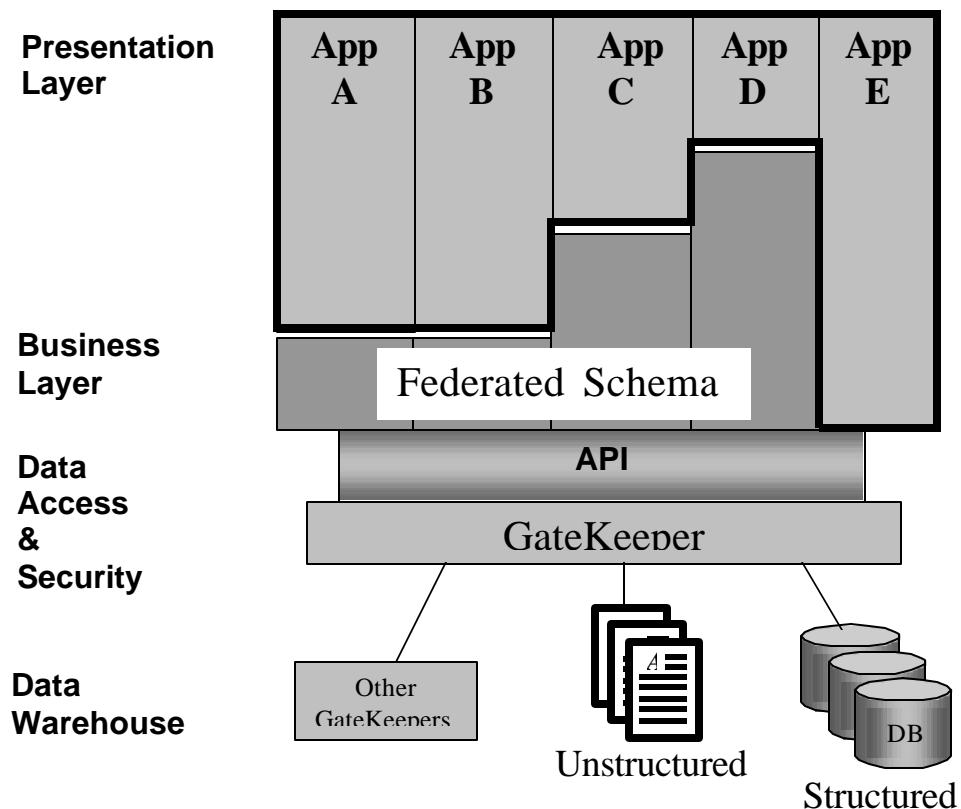


FIGURE 1 – Multi-tier Architecture

Beginning from the bottom, each existing system can be thought of as a source of information. This collection of information sources is what we call the Data

Warehouse or Data Store. The Data Warehouse contains access to data bases, products and unstructured information.

The second layer, entitled the Data Access and Security Layer, provides a common access format and request mechanism and ensures the security policies and procedures for the level of classification that the system operates in. It provides access to the underlying sources to navigate through or search the sources and return back both summarization information and access to standardized reports, products and individual elements. At this point only the summarization elements are mapped to a federated schema. No truth nor fusion is provided by this layer.

The third layer, entitled the Business Layer, is responsible for creating a Federated Schema of all data tags associated with a specific business area, discipline or area of responsibility. It is within this layer that a mapping of individual elements is made to a common or Federated Schema with names, definitions and sizes resolved. This Federated Schema is not limited to only databases. An example here is the work that is currently being accomplished under the MIBD&U effort. Under this effort, digital maps, MIDB, imagery and message traffic (AMHS) are combined to update geospatial information. In this case, the resulting product is in actuality a federated view of the information provided by the data warehouse. Truth can also be performed within this layer.

The final layer is the Presentation Layer. This layer can simply be a user interface to navigate, access and return information across a set of heterogeneous information sources and to display this information. It can also be an application which uses the data to analyze and provide additional knowledge and/or recommendations based on the returned data. The presentation layer can also deconflict across business marts.

1.2 Federated Schema versus Information Navigation Keys

The Defense Data Dictionary Standard proposes that the entire Government Community define a common set of elements, their definition, types and sizes. It does not define a common logical data model or what is called a Federated Schema. There has been a number of attempts to build such a schema. To date, none of these efforts has succeeded. A common finding was that to build such a schema for two sources was simple. To build it for each additional source did not grow linearly, but it grew exponentially. There are no tools to automatically build these schemas and thus they are labor-intensive processes. If we can't build an all-encompassing schema then what can be built?

If we focus on those elements that are identified as indexed elements within the database or those elements that have been designated as queriable, the total

number of elements are significantly reduced. For example, MIDB v2.0 has over 5,600 elements, but only 70 of those are indexed. IPL v1.0 has 236 elements and only 72 are identified as queriable. Using these elements, a Federated Schema can be developed that is manageable. Thus the concept of Information Navigation Keys. Figure 2 summarizes this process for the sources that are currently part of Broadsword version 1.0.

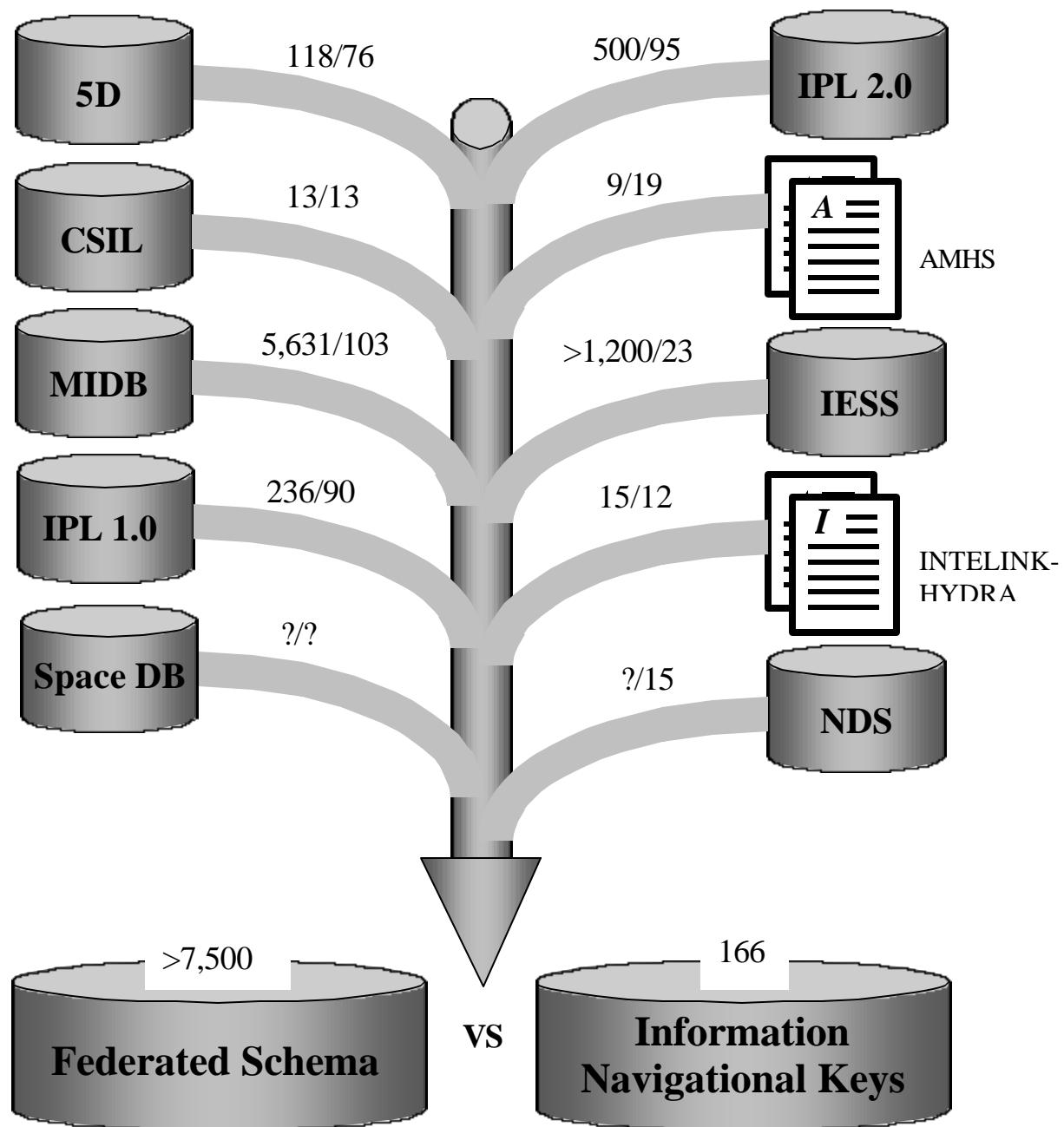


Figure 2 – Process Flow

1.3 eXtensible Markup Language (XML) Tags

XML, under HTML 4.0, provides the HTML developer with the ability to define their own tags and style sheets. As such, XML is being adopted as a means to exchange information between two applications, components or interfaces. It is an ASCII based format with an attribute, token or tag associated with a value. What XML provides to Broadsword and hence our Federated Schema problem is a common definition, i.e., a TAG. Since we need to deal with information that cuts across diverse data sources we needed a common term and definition. For example, if we are talking about a database, we would associate a value with a table and element. If we are accessing an indexing system we would use tokens (Memex), attributes for Harvest, or just keywords for AMHS.

1.4 Remainder of the Document

The remainder of this document is divided into two major sections: (1) Broadsword Data Components and (2) Products Available/Returned. Section 2 provides a detailed listing of each of the tags that make up the Federated Schema for query. These tags are categorized into 13 data components. For each component a list of tags are provided with their size, type and whether they are deemed queriable, returnable and mandatory to catalog a product into the IPL. Also provided is a mapping of the common tag to its availability for that specific source and the sources actual size, type and element/attribute name. The information provided for whether the tag is queriable, returnable, etc is for use with the Broadsword client and does not preclude a different configuration of the same tags.

Section 3 of this document provides a summary of those products available through the GateKeeper from the source. This section is provided to define what the Broadsword client will make available through its interface. This section does not present all information accessible through the Gatekeeper. Knowledgeable developers can also access the individual elements that are not mapped from each source through the SQL pass-through capability.

2.0 Broadsword Data Components

The purpose of this section is to define the components and their tags that are available to be queried on based on a source by source basis. Shaded boxes indicate that these tags are only returnable, while black indicates that the tag is not available from the source.

2.1 Air Battle

Description: The purpose of the “*Air Battle*” component is to store data about the Air Order of Battle. The specific tags are summarized in the table below:

Mission Number
Request ID

Descriptor: Mission Number

Tag Name: ABP.MSNNUM

Size: 10 Type: Char

Queriable: Optional Returnable: Optional

IPL Cataloging Tag: N/A

Description: The air battle plan mission number.

SOURCE: AODB

Maps To:

Source	Size	Type	Data Element Name
MIDB			
IPL 1.0			
IPL 2.0			
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB	10	Char	MSN.MSN_ABP_MISSION_ID
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: Request ID

Tag Name: ABP.ABP_REQ_ID

Size: 15 Type: Char

Queriable: Optional Returnable: Optional

IPL Cataloging Tag: N/A

Description: The air battle plan request number.

SOURCE: AODB

Maps To:

Source	Size	Type	Data Element Name
MIDB			
IPL 1.0			
IPL 2.0			
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB	15	Char	ABP_EXTR_REQ.ABP_EXTR_REQ_ID
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

2.2 Equipment

Description: The “*Equipment*” component contains data about a specific type of equipment or a functional component in a specific location. The specific tags are summarized in the table below:

Airfield Load Class	Length
Airfield Pavement Type	Manufacturer
Allegiance	Nomenclature
Azimuth	Objective View
Capacity	Order of Battle
Code	Order of Battle Type
Country Designed	Primary Operating Area
Country Produced	Quantity On Hand
ELINT Notation	UTM Coordinates
ELINT Site Number	World Area Code
Geographic Coordinates	

Descriptor: Airfield Load Class

Tag Name: EQP.ALC

Size: 1 Type: Char

Queriable: Optional Returnable: Optional

IPL Cataloging Tag: N/A

Description: A number expressing the relative effect of an aircraft on a pavement or the bearing strength of a pavement. The number represents a relationship between ESWL, PSI (tire pressure) and tire footprint area, and is a 'dimensionless' number. Also referenced as LCN.

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	1	Char	EQP_AFLD.LOAD_CLASS_NUM
IPL 1.0			
IPL 2.0			
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			

DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: Airfield Pavement TypeTag Name: EQP.APPT

Size: 1 Type: Char

Queriable: Optional Returnable: Optional

IPL Cataloging Tag: N/A

Description: The code indicating the pavement type. PERMISSIBLE VALUES:

F	Flexible
R	Rigid

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	1	Char	EQP_AFLD.PAVEMENT_TYPE
IPL 1.0			
IPL 2.0			
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: AllegianceTag Name: EQP.ALG

Size: 3 Type: Char

Queriable: Optional Returnable: Optional

IPL Cataloging Tag: N/A

Description: The DoD Standard Country Code designator for the country or political entity to which the entity owes its allegiance.

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	3	Char	EQP.ALLEGIANCE
IPL 1.0			
IPL 2.0			
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED	2	Char	USING_COUNTRY
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: Azimuth**Tag Name:** EQP.AZIMUTH

Size: 8 Type: Float

Queriable: Optional Returnable: Optional

IPL Cataloging Tag: N/A

Description: The entity's orientation relative to a fixed reference direction. The horizontal angular distance from a fixed reference direction (AZIMUTH_REF) to an object or an object's orientation. This is measured clockwise in degrees. When associated with a fixed orientation for the object, values range from 0-179. When associated with an object's movement or the movement of the content's of the object, values range from 0-359, to indicate the direction of the flow or movement.

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	8	Float	EQP_FORM.AZIMUTH
IPL 1.0			
IPL 2.0			
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			

NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: CapacityTag Name: EQP.CAP

Size: 8 Type: Float

Queriable: Optional Returnable: Optional

IPL Cataloging Tag: N/A

Description: Indicates the actual or potential ability to do something. Also, the volume, the cubic contents, the amount that can be contained. This value may be the only known value, or, if there is a range of values it represents the minimum capacity.

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	8	Float	EQP.CAPACITY
IPL 1.0			
IPL 2.0			
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: CodeTag Name: EQP.EQPCODE

Size: 7 Type: Char

Queriable: Optional Returnable: Optional

IPL Cataloging Tag: Optional

Description: Designated equipment code assigned to the item of equipment or an abbreviation record type unique identifier. Valid equipment codes are determined by DIA. The equipment codes are maintained by DIA/DI-OS2A.

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	7	Char	EQP.EQP_CODE, EQP_IDX.EQP_CODE
IPL 1.0	7	A/N/S	EQUIPMENT.EQPCODE
IPL 2.0	7	Varchar	EQUIPMENT_DATASET_ COMPONENT.edc_cat_cd
5D	7	Char	PIAEQA.eqpcode
IESS			
NDS			
AMHS	N/A	N/A	VALUE ONLY
Space DB			
CSIL			
Intelink-Hydra	N/A	N/A	VALUE ONLY
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I	7	Char	IMAGE_RET.EQUIP_CODE

Descriptor: Country Designed

Tag Name: EQP.CTRYDSN

Size: 2 **Type:** Char

Queriable: Optional **Returnable:** Optional

IPL Cataloging Tag: Optional

Description: Identifies the country that designed the original object. Country Codes as defined in FIPS 10-4.

Source: IPL.

Maps To:

Source	Size	Type	Data Element Name
MIDB	2	Char	EQP.CC
IPL 1.0	2	Char	EQUIPMENT.CTRYDSN
IPL 2.0	2	Char	EQUIPMENT_DATASET_ COMPONENT.design_country_cd
5D	2	Char	PIAEQA.ctrydsn
IESS			
NDS			
AMHS			
Space DB			

CSIL				
Intelink-Hydra				
Intelink-Meta				
MEPED				
JIVA ISM				
IET				
NRTD				
DTIC				
AODB				
DOE				
DOE R&D				
AF Weather				
Dept of Ed				
MTIX				
TC4I				

Descriptor: Country Produced

Tag Name: EQP.CTRYPROD

Size: 2 **Type:** Char

Queriable: Optional **Returnable:** Optional

IPL Cataloging Tag: Optional

Description: Identifies the country that produced the object. Country Codes as defined in FIPS 10-4.

Source: IPL

Maps To:

Source	Size	Type	Data Element Name
MIDB	2	Char	EQP.PROD_CC
IPL 1.0	2	Char	EQUIPMENT.CTRYPROD
IPL 2.0	2	Char	EQUIPMENT_DATASET_COMPONENT.manufac_country_cd
5D	2	Char	PIAEQA.ctryprod
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED	2	Char	PRODUCING_COUNTRY
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: ELINT Notation**Tag Name:** EQP.ELNOT

Size: 5 Type: Char

Queriable: Optional Returnable: Optional

IPL Cataloging Tag: N/A

Description: The primary five character Electronic Intelligence ELINT notation established by NSA for non-communications electronic emissions. Used to preserve original signal identification in case of modification by subsequent processing.

Source: MIDB.

Maps To:

Source	Size	Type	Data Element Name
MIDB	5	Char	EQP_ELINT_MODE.ELNOT
IPL 1.0			
IPL 2.0			
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			ELNOT
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: ELINT Site Number**Tag Name:** EQP.PIN

Size: 5 Type: Char

Queriable: No Returnable: Optional

IPL Cataloging Tag: N/A

Description: Site number of a specific electronic site or its associated equipment.

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	5	Char	EQP_ELINT_MODE.PIN
IPL 1.0			
IPL 2.0			
5D			
IESS			
NDS			
AMHS			

Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: Geographic Coordinates**Tag Name:** EQP.GEOCOORDS

Size: 21 Type: Char

Queriable: GEO SEARCH Returnable: Default

IPL Cataloging Tag: N/A

Description: Indicates any of the magnitudes that serve to define the position of a point by reference to a fixed figure, system of lines, etc. PERMISSIBLE VALUES:

[00-90]	Pos. 1-2. Latitude Degrees.
[00-59]	Pos. 3-4. Latitude Minutes.
[00-59]	Pos. 5-6. Latitude Seconds.
[000-999]	Pos. 7-9. Latitude Thousandths of Seconds.
[NSU]	Pos. 10. Latitude Hemisphere.
[00-180]	Pos. 11-13. Longitude Degrees.
[00-59]	Pos. 14-15. Longitude Minutes.
[00-59]	Pos. 16-17. Longitude Seconds.
[000-999]	Pos. 18-20. Longitude Thousandths of Seconds.
[EWU]	Pos. 21. Longitude Hemisphere.

SOURCE: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	21	Varchar	EQP.COORD
IPL 1.0			
IPL 2.0			
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			

DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Description: Length**Tag Name:** EQP.LENGTH

Size: 8 Type: Float

Queriable: Optional Returnable: Optional

IPL Cataloging Tag: N/A

Description: Measurement of the extent of an object along its greatest dimension.

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	8	Float	EQP_FORM.LENGTH
IPL 1.0			
IPL 2.0			
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: Manufacturer**Tag Name:** EQP.EQPMAN

Size: 64 Type: Char

Queriable: Optional Returnable: Optional

IPL Cataloging Tag: Optional

Description: Identifies the manufacturer of a piece of equipment. Known name of an equipment manufacturer(s).

Source: IPL

Maps To:

Source	Size	Type	Data Element Name
MIDB			
IPL 1.0	64	A/N/S	EQUIPMENT.EQPMAN
IPL 2.0	64	Varchar	EQUIPMENT_DATASET_COMPONENT.edu_manufacturer_tx
5D	64	Char	PIAEQA.eqpman
IESS			
NDS			
AMHS	N/A	N/A	VALUE ONLY
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: Nomenclature

Tag Name: EQP.EQP NOMEN

Size: 54 Type: Char

Queriable: Default Returnable: Default

IPL Cataloging Tag: Optional

Description: Generic type this specific piece of equipment belongs to, and the identifying nomenclature which describes the equipment.

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	54	Varchar	EQP.NOMEN, EQP_IDX.NOMEN
IPL 1.0	45	A/N/S	EQUIPMENT.EQP NOMEN
IPL 2.0	45	Varchar	EQUIPMENT_DATASET_COMPONENT.edc_nomenclature_tx
5D	45	Char	PIAEQA.eqpnomen
IESS			
NDS			
AMHS	N/A	N/A	VALUE ONLY
Space DB	N/A	N/A	LAUNCH_SYSTEM (SLV)
CSIL			
Intelink-Hydra	N/A	N/A	VALUE ONLY
Intelink-Meta			
MEPED	80	A/N/S	SYSTEM

JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: **Objective View**

Tag Name: EQP.OBJVIEW

Size: 6 Type: Char

Queriable: Optional Returnable: Optional

IPL Cataloging Tag: Optional

Description: View of the Object. PERMISSIBLE VALUES:

- Right
- Left
- Top
- Bottom
- Front
- Rear

Source: IPL

Maps To:

Source	Size	Type	Data Element Name
MIDB			
IPL 1.0	6	A/N	EQUIPMENT.OBJVIEW
IPL 2.0	6	Varchar	EQUIPMENT-DATASET-COMPONENT.edc_object_view_tx
5D	6	Char	PIAEQA.objview
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: Order of Battle

Tag Name: EQP.ORDBAT

Size: 3 Type: Char

Queriable: Optional Returnable: Optional

IPL Cataloging Tag: Optional

Description: Indicates the type of Order-of-Battle associated with the target element according to NERCM and DIAM 57-5-4.

Source: IPL

Maps To:

Source	Size	Type	Data Element Name
MIDB			
IPL 1.0	3	Char	EQUIPMENT.ORDBAT
IPL 2.0	3	Char	DS_CONTENT_COMPONENT.dcc_type_order_of_battle_cd
5D	3	Char	PIAEQA.ordbat
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: Order of Battle Type

Tag Name: EQP.OBTYPE

Size: 1 Type: Char

Queriable: Optional Returnable: Optional

IPL Cataloging Tag: Optional

Description: Indicates the type of Order-of-Battle to which a unit or equipment belongs.

PERMISSIBLE VALUES:

X	Air Defense Order of Battle (ADOB)
A	Air Force (AOB)
G	Army (GOB)
C	Civilian
D	Defensive Missile Forces (DMOB)
B	Joint Forces
M	Ministry, Other Than Ministry of Defense (MOD)
N	Navy (NOB)
E	Net
J	Space Order of Battle (SOB)

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S	Strategic Missile Forces (SMOB)
O	Other

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	1	Char	EQP.OB_TYPE, EQP_IDX.OB_ASSOC_PRIMARY
IPL 1.0	1	A	EQUIPMENT.OBTYP
IPL 2.0	1	Char	DS_CONTENT_COMPONENT.dcc_order_of_battle_type_cd
5D	1	Char	PIAEQA.obtype
IESS			
NDS			
AMHS	N/A	N/A	VALUE ONLY
Space DB			
CSIL			
Intelink-Hydra	N/A	N/A	VALUE ONLY
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: Primary Operating Area**Tag Name:** EQP.PRIMOPERAREA

Size: 2 Type: Char

Queriable: Optional Returnable: Optional

IPL Cataloging Tag: N/A

Description: Internationally-recognized water area in which the ship is most likely to be deployed or in which it normally operates most frequently.

Source: MIDB.

Maps To:

Source	Size	Type	Data Element Name
MIDB	2	Char	EQP.OPERA_PRIMARY
IPL 1.0			
IPL 2.0			
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			

Intelink-Meta				
MEPED				
JIVA ISM				
IET				
NRTD				
DTIC				
AODB				
DOE				
DOE R&D				
AF Weather				
Dept of Ed				
MTIX				
TC4I				

Descriptor: Quantity On Hand**Tag Name:** EQP.QOH

Size: 4 Type: Int

Queriable: Default Returnable: Default

IPL Cataloging Tag: N/A

Description: Relative to the parent entity, the total number of military personnel or equipment assessed to be on-hand (OH).

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	4	Int	EQP.QTY_OH
IPL 1.0			
IPL 2.0			
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: UTM Coordinates**Tag Name:** EQP.UTMCOORDS

Size: 16 Type: Char

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Queriable: GEO SEARCH Returnable: Optional

IPL Cataloging Tag: N/A

Description: Universal Transverse Mercator (UTM) grid coordinates. PERMISSIBLE VALUES:

[01-60]	Pos. 1-2, UTM Zone Column
[C-HJ-NP-X]	Pos. 3, UTM Zone Row
[0-9]	Pos. 4, UTM False Easting
[0-9][0-9][0-9][0-9][0-9]	Pos. 5-9, UTM Meter Easting
[0-9][0-9]	Pos. 10-11, UTM False Northing
[0-9][0-9][0-9][0-9][0-9]	Pos. 12-16, UTM Meter Northing

SOURCE: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	16	Varchar	EQP.UTM
IPL 1.0			
IPL 2.0			
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: World Area CodeTag Name: EQP.WAC

Size: 4 Type: Char

Queriable: Optional Returnable: Optional

IPL Cataloging Tag: N/A

Description: World Area Code (WAC) for which a designated place is located.

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	4	Char	EQP.WAC
IPL 1.0			
IPL 2.0			
5D			
IESS			
NDS			

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AMHS				
Space DB				
CSIL				
Intelink-Hydra				
Intelink-Meta				
MEPED				
JIVA ISM				
IET				
NRTD				
DTIC				
AODB				
DOE				
DOE R&D				
AF Weather				
Dept of Ed				
MTIX				
TC4I				

2.3 Event

Description: The “*Event*” component contains data pertinent to events. The specific tags are summarized in the table below:

Begin Date
End Date
Geographic Coordinates
Identification
Location
Name
Type

Descriptor: **Begin Date**

Tag Name: EVT.BEGINDATE

Size: 14 Type: Char

Queriable: No Returnable: Optional

IPL Cataloging Tag: Optional (IPL 2.0)

Description: The Zulu date on which the Event begins. PERMISSIBLE VALUES:

YYYYMMDDHHMMSS, where:

 YYYY is the 4 digit year (0000-9999)

 MM is the 2 digit month (1-12)

 DD is the 2 digit day (1-31)

 HH is the hour of the day (00-23)

 MM is the minute of the day (00-59)

 SS is the second of the day (00-59)

Source: IPL 2.0

Maps To:

Source	Size	Type	Data Element Name
MIDB	14	Varchar	EVENT.DATETIME_BEGIN
IPL 1.0			
IPL 2.0			
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			

Dept of Ed			
MTIX			
TC4I			

Descriptor: End Date**Tag Name:** EVT.ENDDATE

Size: 14 Type: Char

Queriable: No Returnable: Optional

IPL Cataloging Tag: Optional (IPL 2.0)

Description: The Zulu date on which the Event concludes. PERMISSIBLE VALUES:

YYYYMMDDHHMMSS, where:

YYYY is the 4 digit year (0000-9999)

MM is the 2 digit month (1-12)

DD is the 2 digit day (1-31)

HH is the hour of the day (00-23)

MM is the minute of the day (00-59)

SS is the second of the day (00-59)

Source: IPL 2.0

Maps To:

Source	Size	Type	Data Element Name
MIDB	14	Varchar	EVENT.DATETIME_END
IPL 1.0			
IPL 2.0			
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: Geographic Coordinates**Tag Name:** EVT.GEOCOORDS

Size: 21 Type: Char

Queriable: GEO SEARCH Returnable: Default

IPL Cataloging Tag: N/A

Description: Indicates any of the magnitudes that serve to define the position of a point by reference to a fixed figure, system of lines, etc. PERMISSIBLE VALUES:

[00-90] Pos. 1-2. Latitude Degrees.

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[00-59]	Pos. 3-4. Latitude Minutes.
[00-59]	Pos. 5-6. Latitude Seconds.
[000-999]	Pos. 7-9. Latitude Thousandths of Seconds.
[NSU]	Pos. 10. Latitude Hemisphere.
[00-180]	Pos. 11-13. Longitude Degrees.
[00-59]	Pos. 14-15. Longitude Minutes.
[00-59]	Pos. 16-17. Longitude Seconds.
[000-999]	Pos. 18-20. Longitude Thousandths of Seconds.
[EWU]	Pos. 21. Longitude Hemisphere.

SOURCE: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	21	Varchar	EVENT.COORD
IPL 1.0			
IPL 2.0			
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: Identification

Tag Name: EVT.EVTID

Size: 11 Type: Varchar

Queriable: Optional Returnable: Optional

IPL Cataloging Tag: N/A

Description: Unique event identifier for the corresponding Event record.

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	11	Varchar	EVENT.EVENT_ID
IPL 1.0			
IPL 2.0			
5D			
IESS			
NDS			

AMHS				
Space DB				
CSIL				
Intelink-Hydra				
Intelink-Meta				
MEPED				
JIVA ISM				
IET				
NRTD				
DTIC				
AODB				
DOE				
DOE R&D				
AF Weather				
Dept of Ed				
MTIX				
TC4I				

Descriptor: Location

Tag Name: EVT.LOC

Size: 3 Type: Char

Queriable: Optional Returnable: Optional

IPL Cataloging Tag: N/A

Description:

Maps To:

Source	Size	Type	Data Element Name
MIDB	2	Char	EVENT_LOC.CC
IPL 1.0			
IPL 2.0			
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: Name**Tag Name:** EVT.EVENTNAME

Size: 54 Type: Varchar

Queriable: Default Returnable: Default

IPL Cataloging Tag: Optional

Description: Recognized name of the event.

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	54	Varchar	EVENT.EVENT_NAME
IPL 1.0	38	A/N/S	EVENT.EVENTNAME
IPL 2.0	38	Varchar	EVENT_DATASET_COMPONENT.event_in_dataset_nm
5D	38	Char	PIAEVA.eventname
IESS			
NDS			
AMHS	N/A	N/A	VALUE ONLY
Space DB			EQUIP_CODE (SOB), MISSION (MISSION)
CSIL			
Intelink-Hydra	N/A	N/A	VALUE ONLY
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: Type**Tag Name:** EVT.EVENTTYPE

Size: 8 Type: C

Queriable: Default Returnable: Default

IPL Cataloging Tag: Optional

Description: Generic type of event being described in the record. PERMISSIBLE VALUES:

AIRDEF	Air Defense Operations
AIROPS	Air Operations
CBW	Chemical or Biological Warfare
CIVIL	Civilian
COMM	Communications
DIS	Disaster
ECON	Economic
EXPOPS	Expeditionary Or Amphibious Operations
GNDOPS	Ground Operations
HUMAN	Humanitarian
JOINT	Joint Or Combined Operations
MILEX	Military Movement / Exercise

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MILMOV	Military Movement / Operation
NAT	Natural Forces
NAVOPS	Naval Operations
NUC	Nuclear
PEACE	Peacekeeping
POL	Political
PRODI	Productions, Industrial
SPACE	Space Related Activity
SMOB	Strategic Missile Order Of Battle
TERR	Terrorist Activity
O	Other. Explain In Remarks.
U	Unknown
Z	Inconclusive Analysis

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	6	Char	EVENT.EVENT_TYPE
IPL 1.0	8	A/N/S	EVENT.EVENTTYPE
IPL 2.0	8	Varchar	EVENT_DATASET_COMPONENT. event_in_ds_type_cd
5D	8	Char	PIAEVA.eventtype
IESS			
NDS			
AMHS	N/A	N/A	VALUE ONLY
Space DB			
CSIL			
Intelink-Hydra	N/A	N/A	VALUE ONLY
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

2.4 Facility

Description: The “*Facility*” component contains data about a facility, installation or a target. A facility is defined as “a real property performing a unique function that consists of one or more of the following: a building, a structure, a utility system, pavement, and underlying land. An installation is defined as “a facility or group of facilities, located in a specific geographic area, which support a particular function or associated functional purpose. The specific tags are summarized in the table below:

Air Defense Area	Name
Allegiance	Operational Status
Azimuth	Percent Coverage
Category	Personnel Allegiance
Country Code	Place Name
Datum	Quantity of Personnel
Depth	Scenario Set
Elevation	Site Number
Geographic Coordinates	Street Name
Geographic Region	Street Number
Graphic Edition Number	Target Data Inventory
Graphic Series	Target Identification
Graphic Sheet	Target Radius
Length	UTM Coordinates
Location Name	Width
Military Area	World Area Code

Descriptor: Air Defense Area

Tag Name: TGT.ADA

Size: 5 **Type:** Char

Queriable: Optional **Returnable:** Optional

IPL Cataloging Tag: N/A

Description: Air Defense District (ADD) or Air Defense Area (ADA) in which the geographic coordinates reside. **PERMISSIBLE VALUES:**

[A-Z][A-Z] Pos. 1-2, CC (Country Code)

0[0-9][0-9] Pos. 3-5, Air Defense Area in which the geographic coordinates resides

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	5	Char	FAC.AIR_DEF_AREA
IPL 1.0			
IPL 2.0			
5D			
IESS			

NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: Allegiance**Tag Name:** TGT.ALG

Size: 3 Type: Char

Queriable: Optional Returnable: Optional

IPL Cataloging Tag: N/A

Description: The DoD Standard Country Code designator for the country or political entity to which the entity owes its allegiance.

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	3	Char	FAC.ALLEGIANCE, TGT_OBJ.ALLEGIANCE
IPL 1.0			
IPL 2.0			
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: Azimuth

Tag Name: TGT.AZIMUTH

Size: 8 Type: Float

Queriable: Optional Returnable: Optional

IPL Cataloging Tag: N/A

Description: The entity's orientation relative to a fixed reference direction. The horizontal angular distance from a fixed reference direction (AZIMUTH_REF) to an object or an object's orientation. This is measured clockwise in degrees. When associated with a fixed orientation for the object, values range from 0-179. When associated with an object's movement or the movement of the contents of the object, values range from 0-359 to indicate the direction of the flow or movement.

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	8	Float	FAC_FORM.AZIMUTH
IPL 1.0			
IPL 2.0			
5D			
IESS	3	Char	Facility.Tgt_azimuth Installation.Tgt_azimuth
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: Category

Tag Name: TGT.CAT

Size: 5 Type: Char

Queriable: Default Returnable: Default

IPL Cataloging Tag: Optional

Description: Used to classify the entity by its product or the type of activity in which it is engaged. The installation records will contain all zeroes.

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	5	Char	FAC.CATEGORY
IPL 1.0	5	N	TARGET.CAT
IPL 2.0	4	Numeric	IMAGERY_POINT_TARGET_

			CATEGORY.iptc_cd
5D	5	Char	PIATGA.piacat
IESS	5	Char	Facility.Category
NDS	5	N	Returned through IPL
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I	5	Char	IMAGE_REF.CATEGORY

Descriptor: Country Code**Tag Name:** TGT.CTRYCD

Size: 3 Type: Char

Queriable: Default Returnable: Optional

IPL Cataloging Tag: Optional

Description: Country in which the geographic coordinates reside. Maps to INTELINK Tag: IL.country

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	2	Char	FAC.CC, TGT_OBJ.CC
IPL 1.0	2	A/N/S	TARGET.CTRYCD
IPL 2.0	2	Char	COUNTRY_IN_IMAGERY_TARGET.country_cd
5D	2	Char	PIATGA.piactry
IESS	2	Char	Facility.Country_code Installation.Country_code
NDS	2	A/N/S	Returned through IPL
AMHS	N/A	N/A	VALUE ONLY
Space DB	N/A	N/A	OWNER_COURNTRY_CODES (SOB)
CSIL	2	A/N/S	Country Code from CSIL
Intelink-Hydra			
Intelink-Meta	N/A	N/A	Cq_country
MEPED			
JIVA ISM	2	A/N	Areactry
IET			
NRTD			
DTIC			
AODB			
DOE			

DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I	2	Char	IMAGE_REF.COUNTRY_CODE

Descriptor: Datum**Tag Name:** TGT.DATUM

Size: 3 Type: Char

Queriable: No Returnable: Optional

IPL Cataloging Tag: Optional

Description: Identifies the datum of the map used to derive the target coordinates.

Source: IPL

Maps To:

Source	Size	Type	Data Element Name
MIDB	3	Char	FAC.COORD_DATUM
IPL 1.0	3	A	TARGET.DATUM
IPL 2.0	3	Char	IMAGERY_POINT_TARGET.ipt_datum_cd
5D	3	Char	PIATGA.datum
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: Depth**Tag Name:** TGT.DEPTH

Size: 8 Type: Float

Queriable: Optional Returnable: Optional

IPL Cataloging Tag: N/A

Description: The extent, measurement, or dimension downward, backward, or inward. This value may be the only known value or, if there is a range of values, it represents the minimum depth.

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	8	Float	FAC_FORM.DEPTH
IPL 1.0			
IPL 2.0			
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: Elevation

Tag Name: TGT.ELEV

Size: 8 Type: Float

Queriable: Optional Returnable: Optional

IPL Cataloging Tag: N/A

Description: Ground elevation of the geographic coordinates (above or below) a referenced ellipsoid vertical datum, usually WGS_84. This field is supported by: ELEVATION_ACC + ELEVATION_CONF_LVL + ELEVATION_DATUM + ELEVATION_DERIV + ELEVATION_DERIV_ACC + ELEVATION_DERIV_ACC_UM + ELEVATION_UM.

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	8	Float	FAC_GEOGRAPHIC.ELEVATION
IPL 1.0			
IPL 2.0			
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			

DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: Geographic Coordinates**Tag Name:** TGT.TGTGEO

Size: 21 Type: Char

Queriable: GEO SEARCH Returnable: Optional

IPL Cataloging Tag: N/A

Description: Indicates any of the magnitudes that serve to define the position of a point by reference to a fixed figure, system of lines, etc. PERMISSIBLE VALUES:

[00-90]	Pos. 1-2. Latitude Degrees.
[00-59]	Pos. 3-4. Latitude Minutes.
[00-59]	Pos. 5-6. Latitude Seconds.
[000-999]	Pos. 7-9. Latitude Thousandths of Seconds.
[NSU]	Pos. 10. Latitude Hemisphere.
[00-180]	Pos. 11-13. Longitude Degrees.
[00-59]	Pos. 14-15. Longitude Minutes.
[00-59]	Pos. 16-17. Longitude Seconds.
[000-999]	Pos. 18-20. Longitude Thousandths of Seconds.
[EWU]	Pos. 21. Longitude Hemisphere.

Maps to Intelink-Hydra Tag: IL.coordinates.

SOURCE: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	21	Varchar	FAC.COORD
IPL 1.0	15	A/N	TARGET.TGTGEO
IPL 2.0	15	A/N	IMAGERY_POINT_TARGET.ipt_location
5D	15	Char	PIATGA.tgtgeo
IESS	15	Char	Facility.Coordinates Installation.Coordinates
NDS	15	A/N	Returned through IPL
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM	7	Text	LAT (4 iterations)
	8	Text	LONG (4 iterations)
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			

Dept of Ed			
MTIX			
TC4I			

Descriptor: Geographic RegionTag Name: TGT.REGION

Size: 2 Type: Char

Queriable: Optional Returnable: Optional

IPL Cataloging Tag: Optional (IPL 2.0)

Description: A code that identifies the general area of the world where a point target is located.

Source: IPL 2.0

Maps To:

Source	Size	Type	Data Element Name
MIDB			
IPL 1.0			
IPL 2.0	2	Char	IMAGERY_POINT_TARGET.ipt_geographic_region_cd
5D			
IESS	2	Char	Facility.Geographic_region Installation.Geographic_region
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: Graphic Edition NumberTag Name: TGT.GRAPHIC_ED_NUM

Size: 2 Type: Int

Queriable: No Returnable: Optional

IPL Cataloging Tag: N/A

Description: The edition number of the map graphic series.

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	2	Int	FAC.GRAPHIC_ED_NUM
IPL 1.0			

IPL 2.0	
5D	
IESS	
NDS	
AMHS	
Space DB	
CSIL	
Intelink-Hydra	
Intelink-Meta	
MEPED	
JIVA ISM	
IET	
NRTD	
DTIC	
AODB	
DOE	
DOE R&D	
AF Weather	
Dept of Ed	
MTIX	
TC4I	

Descriptor: **Graphic Series**

Tag Name: TGT.GRAPHIC_SERIES

Size: 5 Type: Char

Queriable: No Returnable: Optional

IPL Cataloging Tag: N/A

Description: A designator indicating the type of graphic used..

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	5	Char	FAC.GRAPHIC_SERIES
IPL 1.0			
IPL 2.0			
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			

MTIX
TC4I

Descriptor: Graphic Sheet**Tag Name:** TGT.GRAPHIC_SHEET

Size: 15 Type: Char

Queriable: No Returnable: Optional

IPL Cataloging Tag: N/A

Description: The sheet number of the graphic.

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	15	Char	FAC.GRAPHIC_SHEET
IPL 1.0			
IPL 2.0			
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: Length**Tag Name:** TGT.LENGTH

Size: 8 Type: Float

Queriable: Optional Returnable: Optional

IPL Cataloging Tag: N/A

Description: Measurement of the extent of an object along its greatest dimension.

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	8	Float	FAC_FORM.LENGTH
IPL 1.0			
IPL 2.0			
5D			
IESS			

NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: **Location Name**

Tag Name: TGT.LOC_NAME

Size: 54 Type: Char

Queriable: No Returnable: Optional

IPL Cataloging Tag: N/A

Description: Location name for facility coordinates.

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	54	Char	FAC.LOC_NAME
IPL 1.0			
IPL 2.0			
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: Military Area**Tag Name:** TGT.MIL_AREA

Size: 5 Type: Char

Queriable: No Returnable: Optional

IPL Cataloging Tag: N/A

Description: Military district, region or zone where facility is located.

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	5	Char	FAC.MIL_AREA
IPL 1.0			
IPL 2.0			
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: Name**Tag Name:** TGT.TGTNAME

Size: 54 Type: Varchar

Queriable: Default Returnable: Default

IPL Cataloging Tag: Optional

Description: Official name of the facility or populated area. Known facility name starting with the BGN-approved place name.

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	54	Varchar	FAC.FAC_NAME
IPL 1.0	38	A/N/S	TARGET.TGTNAME
IPL 2.0	50	Varchar	IMAGERY_POINT_TARGET.ipt_nm
5D	38	Char	PIATGA.tgtname
IESS	38	Varchar	Facility.Tgt_name Installation.Tgt_name
NDS	38	A/N/S	Returned through IPL

AMHS	N/A	N/A	VALUE ONLY
Space DB			
CSIL			
Intelink-Hydra	N/A	N/A	VALUE ONLY
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I	54	Char	IMAGE_REF.NAME

Descriptor: Operational Status**Tag Name:** TGT.OPERSTATUS

Size: 3 Type: Char

Queriable: Optional Returnable: Optional

IPL Cataloging Tag: N/A

Description: Degree to which an entity is ready to perform the overall operational mission(s) for which it was organized and equipped. PERMISSIBLE VALUES:

CEL Capability of Emergency Launch

LIM Operations, Limited

NOP Operations, Non-operational

OPR Operations, Operational

P Operations, Peacetime

PW Operations, Peacetime and Wartime

W Operations, Wartime

RD0 Ready, 0 - NFI. Ready, but the degree of readiness cannot be determined.

RD1 Ready, 1 - Fully. Fully capable of carrying out all mission requirements and / or has 75 - 100% of wartime authorized equipment on hand.

RD2 Ready, 2 - Substantially. Capable of carrying out most mission requirements but has significant degradation due to either personnel or equipment problems and / or has 50 – 74% of wartime authorized equipment on hand.

RD3 Ready, 3 - Marginally. Capable of carrying out limited mission requirements but has substantial equipment problems and / or has 25 – 49% of wartime authorized equipment on hand.

RD4 Ready, 4 - Not. Extensive degradation due to personnel and equipment problems and is not capable of performing its mission satisfactorily and / or has 0 – 24% of wartime authorized equipment on hand.

RD5 Ready, 5 - Not Immediately. Used primarily by naval analysts to indicate that a unit is not ready for operations but could be made ready on short notice.

RES Reserve. No preparation required for operation.

SRV Serviceable

SF1 Shifts, 1 Work Shift

SF2 Shifts, 2 Work Shifts

SF3 Shifts, 3 Work Shifts

STR Storage. Preparation required prior to operation.

U Unknown

X Not Applicable

Z Inconclusive Analysis
 Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	3	Char	FAC.OPER_STATUS
IPL 1.0			
IPL 2.0			
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: Percent Coverage

Tag Name: TGT.PERCOVER

Size: 4 Type: Int

Queriable: Optional Returnable: Optional

IPL Cataloging Tag: Optional

Description: Percent of the target covered by the image.

Source: IPL

Maps To:

Source	Size	Type	Data Element Name
MIDB			
IPL 1.0	3	N	TARGET.PERCOVER
IPL 2.0	1	Tinyint	IMAGERY_TARGET_DATASET_COM_PONENT.img_targ_ds_comp_coverage_pct
5D	4	Int	PIATGA.percover
IESS	2	N	HOC.Percent_Coverage
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			

JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: Personnel Allegiance

Tag Name: TGT.PERALG

Size: 3 Type: Char

Queriable: Optional Returnable: Optional

IPL Cataloging Tag: N/A

Description: The DoD Standard Country Code designator for the country or political entity to which the entity owes its allegiance.

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	3	Char	FAC_PERS.ALLEGIANCE
IPL 1.0			
IPL 2.0			
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: Place Name

Tag Name: TGT.PLACE_NAME

Size: 54 Type: Char

Queriable: No Returnable: Optional

IPL Cataloging Tag: N/A

Description: Description of facility address location.

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	54	Char	FAC.PLACE_NAME
IPL 1.0			
IPL 2.0			
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: **Quantity of Personnel**

Tag Name: TGT.QUANPER

Size: 4 Type: Int

Queriable: Optional Returnable: Optional

IPL Cataloging Tag: N/A

Description: Relative to the parent entity, the total number of military personnel or equipment assessed to be on-hand (OH).

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	4	Int	FAC_PERS.QTY_OH
IPL 1.0			
IPL 2.0			
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			

IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: Scenario Set**Tag Name:** TGT.SCENARIO_SET

Size: 54 Type: Char

Queriable: No Returnable: Optional

IPL Cataloging Tag: N/A

Description: Scenario set for the facility.

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	54	Char	FAC.SCENARIO_SET
IPL 1.0			
IPL 2.0			
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: Site Number**Tag Name:** TGT.SITENUMBER

Size: 5 Type: Char

Queriable: Optional Returnable: Optional

IPL Cataloging Tag: N/A

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Description: Site number of a specific electronic site or its associated equipment. PERMISSIBLE VALUES: [A-Z0-9][A-Z0-9][0-9][0-9][0-9] Pos. 1-5, First two positions are alphanumerically coded [A-Z0-9] and the last three position are numeric [0-9].

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	5	Char	FAC.PIN
IPL 1.0			
IPL 2.0			
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: Street Name

Tag Name: TGT.STREET_NAME

Size: 54 Type: Char

Queriable: No Returnable: Optional

IPL Cataloging Tag: N/A

Description: Name of street where facility is located.

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	54	Char	FAC.STREET_NAME
IPL 1.0			
IPL 2.0			
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			

JIVA ISM	
IET	
NRTD	
DTIC	
AODB	
DOE	
DOE R&D	
AF Weather	
Dept of Ed	
MTIX	
TC4I	

Descriptor: **Street Number**Tag Name: TGT.STREET_NUM

Size: 15 Type: Char

Queriable: No Returnable: Optional

IPL Cataloging Tag: N/A

Description: Number on street where the facility is located.

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	15	Char	FAC.STREET_NUM
IPL 1.0			
IPL 2.0			
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: **Target Data Inventory**Tag Name: TGT.TGTDATAINV

Size: 3 Type: Char

Queriable: Optional Returnable: Optional

IPL Cataloging Tag: N/A

Description: Indicates in what TARGET DATA INVENTORY program a facility or populated area is active. The TDI program provides detailed information regarding the identification, location, significance, capability, and vulnerability of facilities which meet specified criteria in selected functional categories and countries. Selection of categories for inclusion in the TDI is based on planning requirements of the Unified Commands for the application of forces in both contingency and general war situations. PERMISSIBLE VALUES:

EA	EURASIAN Target Data Inventory
SEA	SOUTHEAST ASIA Target Data Inventory
O	Other. Explain in Remarks.
U	Unknown
X	Not Applicable
Z	Inconclusive analysis

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	3	Char	FAC.TDI
IPL 1.0			
IPL 2.0			
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: Target Identification

Tag Name: TGT.TGTID

Size: 15 Type: Char

Queriable: Default Returnable: Default

IPL Cataloging Tag: Optional

Description: Used to describe a point target or an area target (DSA, LOC or BAS).

If a point target: 10-character BE (nnnnxxxxnn) or 15-character target ID consisting of a 10-character BE plus 5-character Originator (O) Suffix (xxnnn). The BE_NUMBER is generated based on the value input for the COORD to determine the appropriate World Area Code (WAC), the system assigned record originator and a one-up number. PERMISSIBLE VALUES:

[0001-2144] Pos. 1-4, World Area Code (WAC).

[-,E,A-Z] Pos. 5, a hyphen, '-', or an 'E', in the fifth position indicates that position-6 will contain values 0-9. Alternately, the fifth position may contain the first of a two-

character system assigned record originator code, position-6 will then contain the second character of the system assigned record originator code.

- [0-9,A-Z] Pos. 6, may contain the second character of the system assigned record originator code, the one-up number series will then begin in position seven, and range from 001-999. If the one-up number series begins in position 6, this position will contain the first of a four-position one-up number, i.e., 0001-9999.
- [0001-9999] Pos. 7-10, a one-up number series. Depending on the content of position 5, the series may have begun in position 6 and have a range of 0001-9999, or have begun in position 7 and have a range from 001-999.

The OSUFFIX Uniquely identifies a facility or demographic area in conjunction with BE_NUMBER. PERMISSIBLE VALUES:

- [A-Z][A-Z] Pos. 1-2, System Assigned RECORD_ORIGINATOR. The organization creating the facility or demographic area. DIA installation records created prior to IDB generation of OSUFFIX contain DD.
- [0-9][0-9][0-9] Pos. 3-5, a one-up number.

If an area target: enter the 6-character area target identifier: annnnn. For area target identifier: a =:

- B for Special Broad Area Search (BAS) targets
- C for BAS Standing Cluster
- D for Directed Search Area (DSA) targets
- E for Line of Communications (LOC) targets
- S for Standing BAS

and nnnnn = 00001 – 99999.

Source: MIDB, IPL

Maps To:

Source	Size	Type	Data Element Name
MIDB	10/5	Char	FAC.BE_NUMBER + FAC.OSUFFIX, FAC_XREF.BE_NUMBER_REF + FAC_XREF.OSUFFIX
IPL 1.0	15	A/N	TARGET.TGTID
IPL 2.0	15	Varchar	IMAGERY_TARGET_DATASET_COMPONENT.img_target_Id
5D	15	Char	PIATGA.piatgaid
IESS	10/5 10	Char Char	Facility.BE_Number + Facility.Suffix Installation.BE_Number
NDS	15	A/N	Returned through IPL
AMHS	N/A	N/A	VALUE ONLY
Space DB			
CSIL			
Intelink-Hydra	N/A	N/A	VALUE ONLY
Intelink-Meta			
MEPED			
JIVA ISM	30	Text	Beno
IET			
NRTD			Target Id
DTIC			
AODB	15	Char	ABP_REQ.ABP_REQ_TARGET_ID
DOE			
DOE R&D			
AF Weather			
Dept of Ed			

MTIX			
TC4I	10 5	Char Char	IMAGE_REF.BE_NUMBER IMAGE_REF.OSUFFIX

Descriptor: Target RadiusTag Name: TGT.TGT_RAD

Size: 8 Type: Float

Queriable: Optional Returnable: Optional

IPL Cataloging Tag: N/A

Description: Radius of the smallest circle encompassing 95% of a facility. Radius is the length of a straight line extending from the center of a circle or a sphere to the circumference or surface. The formula used to convert length and width to TGT_RADIUS is as follows: (LENGTH (2.2) + WIDTH (9.7)) / 1852.

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	8	Float	FAC_FORM.TGT_RADIUS
IPL 1.0			
IPL 2.0			
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: UTM CoordinatesTag Name: TGT.TGTUTM

Size: 16 Type: Char

Queriable: GEO SEARCH Returnable: Optional

IPL Cataloging Tag: Optional

Description: Universal Transverse Mercator (UTM) grid coordinates. PERMISSIBLE VALUES:

[01-60]	Pos. 1-2, UTM Zone Column
[C-HJ-NP-X]	Pos. 3, UTM Zone Row
[0-9]	Pos. 4, UTM False Easting
[0-9][0-9][0-9][0-9][0-9]	Pos. 5-9, UTM Meter Easting
[0-9][0-9]	Pos. 10-11, UTM False Northing
[0-9][0-9][0-9][0-9][0-9]	Pos. 12-16, UTM Meter Northing

SOURCE: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	16	Varchar	FAC.UTM
IPL 1.0	15	A/N/S	TARGET.TGTUTM
IPL 2.0	15	A/N	IMAGERY_POINT_TARGET.ipt_location
5D	15	Char	PIATGA.tgtutm
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM	50	Text	UTM
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: WidthTag Name: TGT.WIDTH

Size: 8 Type: Float

Queriable: Optional Returnable: Optional

IPL Cataloging Tag: N/A

Description: Measurement of the extent of an object along its least dimension, or from side to side.

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	8	Float	FAC_FORM.WIDTH
IPL 1.0			
IPL 2.0			
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			

IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Rules:

MIDB – NC_FAC_BE_NUMOSUFFIX_DOMAIN:= BE_NUMBER, OSUFFIX, DOMAIN_LVL

IESS – Facility_CAK:- BE_number, Suffix

Descriptor: World Area Code

Tag Name: TGT.WAC

Size: 4 **Type:** Char

Queriable: Optional **Returnable:** Optional

IPL Cataloging Tag: N/A

Description: World Area Code (WAC) for which a designated place is located. **PERMISSIBLE VALUES:**

[0001-2144] Pos. 1-4, Numeric WAC (0001-2144)

[9999] Pos. 1-4, Numeric WAC (9999)

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	4	Char	FAC.WAC
IPL 1.0			
IPL 2.0			
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

2.5 Image

Description: The “*Image*” component contains basic information describing an image product. The specific tags are summarized in the table below:

Actual Bits Per Pixel	Number of Rows
Angle to North	Obliquity Angle
Camera Specifications	Other Conditions
Category	Percent of Cloud Covering
Compression	Platform Identification
Compression Generation	Project Identification Code
Compression Rate	Projection System
Coordinates	Radiometric or Orthorectification
Corner Coordinates	Rapid Positioning Capability
Datum	Representation
Exploitation Support Data	Satellite Track Location
Generation	Sensor Mode
Identification	Sensor Name
License Information	Source
Mean GSD	Standard Radiometric Product
Mission Number	Stereo Identification
National Image Interpretability Rating Scale	Subjective Quality
Number of Bands	Sun Azimuth
Number of Columns	Sun Elevation
	Time of Collection

Descriptor: Actual Bits Per Pixel

Tag Name: IMG.ABPP

Size: 4 **Type:** Int

Querable: No **Returnable:** Optional

IPL Cataloging Tag: Optional

Description: The maximum number of significant bits for the value in each band of each pixel without compression.

Source: IPL

Maps To:

Source	Size	Type	Data Element Name
MIDB			
IPL 1.0	2	N	IMAGE.ABPP
IPL 2.0	2	Numeric	IMAGE_DATASET.img_abpp_qty
5D	4	Int	IMAGE_SUBHEADER.abpp
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			

MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I	4	INT	IMAGE.PIXELS

Descriptor: Angle to North**Tag Name:** IMG.ANGLETONORTH

Size: 3 Type: Int

Queriable: Optional Returnable: Optional

IPL Cataloging Tag: Optional

Description: Angle in degrees from the first row of the image to true north.

Source: IPL

Maps To:

Source	Size	Type	Data Element Name
MIDB			
IPL 1.0	3	N	IMAGE.ANGLETONORTH
IPL 2.0	5	Numeric	IMAGE_DATASET.img_ds_orient_true_north_angle
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I	8	Float	VIDEO_ELEMENTS.ANGLETONORTH

Descriptor: Camera Specifications**Tag Name:** IMG.CAMSPECS

Size: 32 Type: Char

Queriable: Optional Returnable: Optional

IPL Cataloging Tag: Optional

Description: Specifies the brand name of the camera used and the focal length of the lens.

Source: IPL

Maps To:

Source	Size	Type	Data Element Name
MIDB			
IPL 1.0	32	A/N/S	IMAGE.CAMSPECS
IPL 2.0	32	Varchar	IMAGE_DATASET.img_camera_brand_nm
5D	32	Char	PIAIMA.camspecs
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: CategoryTag Name: IMG.ICAT

Size: 8 Type: Char

Queriable: Default Returnable: Default

IPL Cataloging Tag: Optional

Description: A code that identifies the specific category of image (often revealing the nature of the collector or intended use), raster or grid data. PERMISSIBLE VALUES:

SL	Side-Looking Radar
TI	Thermal Infrared
FL	Forward Looking Infrared
RD	Radar
EO	Electro-optical
OP	Optical
HR	High Resolution Radar
HS	Hyperspectral
VD	Video
CP	Color Frame Photography
BP	Black/White Frame Photography
VIS	Visible Imagery
MAP	Map
SAR	Synthetic Aperture Radar
IR	Infrared
MS	Multi-spectral

FP Finger Print
 MRI Magnetic Resonance Imagery
 XRAY X-ray
 CAT Cat Scan

Source: IPL

Maps To:

Source	Size	Type	Data Element Name
MIDB			
IPL 1.0	8	A/N	IMAGE.ICAT
IPL 2.0	8	Varchar	IMAGE_DATASET.img_type_cd
5D	8	Char	IMAGE_SUBHEADER.icat
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I	8	Char	VIDEO_ELEMENTS.ICAT

Descriptor: Compression

Tag Name: IMG.IC

Size: 2 Type: Char

Queriable: No Returnable: Optional

IPL Cataloging Tag: Optional

Description: A code that identifies the form of compression used in representing the image data.

PERMISSIBLE VALUES:

C0 compressed with a user-specified algorithm
 C1 bi-level
 C2 ARIDPCM
 C3 JPEG
 C4 Vector Quantization
 NC image is not compressed

Also valid are code M0, M3 and M4 for compressed images, and NM for uncompressed images, indicating a blocked image that contains a block mask and/or a transparent pixel mask. The format of a mask image is identical to the format of its corresponding non-masked image, except for the presence of an Image Data Mask Subheader at the beginning of the image data area.

Source: IPL

Maps To:

Source	Size	Type	Data Element Name
MIDB			
IPL 1.0	2	A/N	IMAGE.IC
IPL 2.0	2	Char	IMAGE_DATASET_COMPRESSION.image_compression_cd
5D	2	Char	IMAGE_SUBHEADER.ic
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: Compression Generation**Tag Name:** IMG.COMGEN

Size: 4 Type: Int

Queriable: No Returnable: Optional

IPL Cataloging Tag: Optional

Description: Counts the number of lossy compression cycles performed.

Source: IPL

Maps To:

Source	Size	Type	Data Element Name
MIDB			
IPL 1.0	2	N	IMAGE.COMGEN
IPL 2.0	2	Numeric	IMAGE_DATASET.img_comp_gen.qty
5D	4	Int	PIAIMA.comgen
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			

DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: Compression Rate**Tag Name:** IMG.COMRAT

Size: 4 Type: Char

Queriable: No Returnable: Optional

IPL Cataloging Tag: Optional

Description: If the Image Compression (IC) field contains C0, C1, C2, C3, C4, M0, M3, or M4, this field shall be present and contain a code indicating the compression rate for the image.

If the value in IC is C0 or M0, the code shall be user defined but shall not be all blanks.

If the value in IC is C1 or M1, the valid codes are 1D, 2DS and 2DH, where 1D means One-Dimensional Coding, 2DS means Two-Dimensional Coding Standard Vertical Resolution (K=2), 2DH means Two-Dimensional Coding High Vertical Resolution (K=4).

If the value in IC is C2 or M2, this field shall contain a value given in the form n.nn representing the number of bits-per-pixel for the compressed image. Valid codes are: 0.75, 1.40, 2.30, and 4.50.

If the value in IC is C3 or M3, this field is used to identify the default quantization table(s) used by the JPEG compression algorithm. In this case, the format of this field is XX.Y, where XX is the image data type (00 = general purpose; 01 through 99 are reserved); and Y represents the quality level 1 through 5.

If the value in IC is C4 or M4, this field shall contain a value given in the form n.nn, representing the number of bits-per-pixel for the compressed image.

This field is omitted if the value in IC is NC or NM.

Source: IPL 2.0

Maps To:

Source	Size	Type	Data Element Name
MIDB			
IPL 1.0	4	A/N/S	IMAGE.COMRAT
IPL 2.0	4	Varchar	IMAGE_DATASET.COMPRESSION img_compression_rate_cd
5D	4	Char	IMAGE_SUBHEADER.comrat
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			

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MTIX			
TC4I			

Descriptor: CoordinatesTag Name: IMG.ICORDS

Size: 80 Type: Varchar

Queriable: No Returnable: Optional

IPL Cataloging Tag: Mandatory

Description: Indicates the geo-referenced coordinate system for the image. PERMISSIBLE VALES:

U	UTM
C	Geocentric
G	Geodetic
N	None

Source: IPL

Maps To:

Source	Size	Type	Data Element Name
MIDB			
IPL 1.0	10	A	IMAGE.ICORDS
IPL 2.0	10	Varchar	IMAGE_DATASET.img_coordinates_type_cd
5D	10	Varchar	IMAGE_SUBHEADER.icords
IESS	10	A	Always = "G"
NDS	10	A	Always = "G"
AMHS			
Space DB			
CSIL	10	A	Image.icords (always = "G")
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I	10 1	A Char	Always = "G" (if image) VIDEO_ELEMENTS.ICORDS (if video)

Descriptor: Corner CoordinatesTag Name: IMG.IGEOL0

Size: 60 Type: Char

Queriable: GEO SEARCH Retumable: Optional

IPL Cataloging Tag: Optional

Description: Specifies the geographic locations in latitude and longitude (degrees, minutes, seconds) or UTM of the four corners of the image. The coordinate system is specified in the ICORDS field. The locations of the four corners of the image data shall be given in image coordinate order: (0,0), (0, MaxCol), (MaxRow, MaxCol), (MaxRow, 0). MaxCol and MaxRow shall be determined from the values contained, respectively, in NCOLS and NROWS as MaxCol = NCOLS-1 and MaxRow = NROWS-1. FORMAT: ddmmssXddmmssY (four times); where X = N or S for north or south, and Y = E or W for east or west OR ggXYZmmmmmmmmmm (four times) if UTM.

Source: IPL

Maps To:

Source	Size	Type	Data Element Name
MIDB			
IPL 1.0	60	A/N/S	IMAGE.IGEOLO
IPL 2.0	60	Char	DS_BOUNDING_POLYGON.ds_bnd_poly_poly
5D	4 4 4 4 4 4 4 4 OR 60	Float Float Float Float Float Float Float Float Varchar	UL_lat_degrees UL_lon_degrees UR_lat_degrees UR_lon_degrees LR_lat_degrees LR_lon_degrees LL_lat_degrees LL_lon_degrees IMAGE_SUBHEADER.utm
IESS	60	Char	IGEOLO
NDS	60	A/N/S	Returned from IPL
AMHS			
Space DB			
CSIL	60	A/N/S	Image.IGEOLO
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM	10	Text	West_Longitude East_Longitude North_Latitude South_Latitude
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I	7 8 7 8	Char Char Char Char	If image IMAGE_OH.FP_CORNER1_LATITUDE IMAGE_OH.FP_CORNER1_LONGITUDE IMAGE_OH.FP_CORNER2_LATITUDE IMAGE_OH.FP_CORNER2_LONGITUDE

	7	Char	IMAGE_OH.FP_CORNER3_LATITUDE
	8	Char	IMAGE_OH.FP_CORNER3_LONGITUDE
	7	Char	IMAGE_OH.FP_CORNER4_LATITUDE
	8	Char	IMAGE_OH.FP_CORNER4_LONGITUDE
OR			If video
	8	Char	VIDEO_ELEMENTS.CORNER1LAT
	8	Char	VIDEO_ELEMENTS.CORNER1LONG
	8	Char	VIDEO_ELEMENTS.CORNER2LAT
	8	Char	VIDEO_ELEMENTS.CORNER2LONG
	8	Char	VIDEO_ELEMENTS.CORNER3LAT
	8	Char	VIDEO_ELEMENTS.CORNER3LONG
	8	Char	VIDEO_ELEMENTS.CORNER4LAT
	8	Char	VIDEO_ELEMENTS.CORNER4LONG

Descriptor: **Datum**Tag Name: IMG.IDATUM

Size: 3 Type: Char

Queriable: No Returnable: Optional

IPL Cataloging Tag: Optional

Description: Identifies the mathematical representation of the earth used to geocorrect/orthorectify the image. Identifies the Datum associated with IGEOL0.

Source: IPL

Maps To:

Source	Size	Type	Data Element Name
MIDB			
IPL 1.0	10	A/N/S	IMAGE.IDATUM
IPL 2.0	5	Varchar	HORIZONTAL_COORDINATE_SYSTEM.hrz_ref_datum_cd
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I	8	Char	IMAGE_OH.DATUM
	3	Char	VIDEO_ELEMENTS.DATUM

Descriptor: **Exploitation Support Data**Tag Name: IMG.ESD

Size: 1 Type: Char

Queriable: Optional Returnable: Optional

IPL Cataloging Tag: Optional

Description: Indicates whether or not Exploitation Support Data (ESD) is available and contained within the product data. PERMISSIBLE VALUES: Y or N.

Source: IPL

Maps To:

Source	Size	Type	Data Element Name
MIDB			
IPL 1.0	1	A	IMAGE.ESD
IPL 2.0	1	Char	IMAGE_DATASET.img_esd_ind_cd
5D	1	Char	PIAIMA.esd
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: Generation

Tag Name: IMG.GENERATION

Size: 4 Type: Int

Queriable: No Returnable: Optional

IPL Cataloging Tag: Optional

Description: Specifies the number of generations of the product. The number (0) is reserved for the original image.

Source: IPL

Maps To:

Source	Size	Type	Data Element Name
MIDB			
IPL 1.0	1	N	IMAGE.GENERATION
IPL 2.0	2	Numeric	IMAGE_DATASET.img_copy_generation
5D	4	Int	PIAIMA.generation
IESS			
NDS			
AMHS			
Space DB			
CSIL			

Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor Identification**Tag Name:** IMG.IMAGEID

Size: 80 Type: Varchar

Queriable: Default Returnable: Default

IPL Cataloging Tag: Optional

Description: A system-dependent unique image identifier assigned by the collection system or producer.

Source: IPL

Maps To:

Source	Size	Type	Data Element Name
MIDB			
IPL 1.0	60	A/N/S	IMAGE.IMAGEID
IPL 2.0	80	Varchar	IMAGE_DATASET.img_ds_image_iden_tx
5D	80	Varchar	IMAGE_SUBHEADER.ititle
IESS	40	Char	IMAGEID
NDS	60	A/N/S	IMAGEID
AMHS			
Space DB			
CSIL	60	A/N/S	Image.imageid
Intelink-Hydra	N/A	N/A	Value only
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I	80	Varchar	IMAGE.IMAGE_ID

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Descriptor: License Information**Tag Name:** IMG.LIC

Size: 50 Type: Char

Queriable: No Returnable: Optional

IPL Cataloging Tag: Optional

Description: Indicates government organizations that have legal authority to use the image in accordance with provisions specified in the contract between the purchaser and commercial vendor. Under IPL 1.0, due to the size of the field, the permissible organizations have been replaced with integer values with a "+" or "-" sign in front of each value indicating whether that organization is allowed the image or not, respectively. The table provided below is used by IPL 1.0 to convert the organization's name:

0	TIER 1	12	SOUTHCOM
1	TIER 2	13	SOCOM
2	TIER 3	14	TRANSCOM
3	TIER 4	15	NAVY
4	DoD	16	AF
5	NIMA	17	MARINES
6	CIA	18	ARMY
7	DIA	19	NAS
8	ACOM	20	IC
9	CENTCOM	21	FG
10	EUCOM		
11	PACOM		

Source: IPL

Maps To:

Source	Size	Type	Data Element Name
MIDB			
IPL 1.0	10	A/N/S	IMAGE.LIC
IPL 2.0	2	Char	IMAGE_DATASET_LICENSE.license_identifier
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL	50	A/N/S	LIC.INFO
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: Mean GSD**Tag Name:** IMG.MEANGSD

Size: 7 Type: Float

Queriable: Optional Returnable: Optional

IPL Cataloging Tag: Optional

Description: The geometric mean of the across and along scan center-to-center distance between contiguous ground samples. PERMISSIBLE VALUES: 00000.0 to 99999.9 Expressed in inches, accuracy = 10%.

Source: IPL

Maps To:

Source	Size	Type	Data Element Name
MIDB			
IPL 1.0	7	N	IMAGE.MEANGSD
IPL 2.0	4	Numeric	IMAGE_QUALITY_ASSESSMENT.iqa.mean_gsd_dim
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I	8	Float	IMAGE_OH.RESOLUTION

Descriptor: Mission Number**Tag Name:** IMG.MSNNUM

Size: 7 Type: Char

Queriable: Default Returnable: Default

IPL Cataloging Tag: Optional

Description: Identifies the mission number assigned to the reconnaissance mission.

Source: IPL

Maps To:

Source	Size	Type	Data Element Name
MIDB			
IPL 1.0	7	A/N/S	IMAGE.MSNNUM
IPL 2.0	7	Varchar	IMAGE_DATASET.img_ds_mission_id
5D	7	Char	PIAIMA.piamsnnum
IESS	7	Char	Image.Mission_number
NDS			

AMHS			
Space DB	N/A	N/A	MISSION
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I	7	Char	VIDEO_ELEMENTS.MSNNUM

Descriptor: National Image Interpretability Rating Scale

Tag Name: IMG.NIIRS

Size: 3 Type: Float

Queriable: Optional Returnable: Optional

IPL Cataloging Tag: Optional

Description: Specifies the image quality based on the National Imagery Interpretability Rating Scale (NIIRS). PERMISSIBLE VALUES: 0.0 – 9.9.

Source: IPL.

Maps To:

Source	Size	Type	Data Element Name
MIDB			
IPL 1.0	3	N/".	IMAGE.NIIRS
IPL 2.0	2	Numeric	IMAGE_QUALITY_ASSESSMENT.ipa_niirs
5D			
IESS	2	N	HOC.Interpretability_Image_Coverage
NDS	3	N/".	Returned through IPL
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I	8	Float	IMAGE_OH.NIIRS_NRIS

Descriptor: Number of Bands

Tag Name: IMG.NBANDS

Size: 5 Type: Int

Queriable: No Returnable: Optional

IPL Cataloging Tag: Optional

Description: Number of bands comprising the image. PERMISSIBLE VALUES: 1 – 99999.

Source: IPL

Maps To:

Source	Size	Type	Data Element Name
MIDB			
IPL 1.0	4	N	IMAGE.NBANDS
IPL 2.0	3	Numeric	IMAGE_DATASET.img_bnd_cnt
5D	4	Int	IMAGE_SUBHEADER.nbands
IESS			
NDS			
AMHS			
Space DB			
CSIL	4	N	Number of Bands from CSIL
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: Number of Columns

Tag Name: IMG.NCOLS

Size: 8 Type: Int

Queriable: No Returnable: Optional

IPL Cataloging Tag: Optional

Description: Specifies the total number of columns of pixels in the image. PERMISSIBLE VALUES: 00000000 – 99999999.

Source: IPL

Maps To:

Source	Size	Type	Data Element Name
MIDB			
IPL 1.0	8	N	IMAGE.NCOLS
IPL 2.0	6	Numeric	RASTER_OBJECT_REPRESENTATIO N.ror_x_axis_qty
5D	4	Int	IMAGE_SUBHEADER.ncols
IESS			
NDS			

AMHS			
Space DB			
CSIL	8	N	Number of Image Col from CSIL
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: Number of Rows**Tag Name:** IMG.NROWS

Size: 8 Type: Int

Queriable: No Returnable: Optional

IPL Cataloging Tag: Optional

Description: Specifies the total number of rows of pixels in the image. PERMISSIBLE VALUES: 00000000 – 99999999.

Source: IPL

Maps To:

Source	Size	Type	Data Element Name
MIDB			
IPL 1.0	8	N	IMAGE.NROWS
IPL 2.0	6	Numeric	RASTER_OBJECT_ REPRESENTATION.ror_y_axis_qty
5D	4	Int	IMAGE_SUBHEADER.nrows
IESS			
NDS			
AMHS			
Space DB			
CSIL	8	N	Number of Image Rows from CSIL
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I	4	Int	IMG.LINES

Descriptor: Obliquity Angle**Tag Name:** IMG.OBLANGLE

Size: 5 Type: Float

Queriable: Optional Returnable: Optional

IPL Cataloging Tag: Optional

Description: Obliquity angle of image expressed in degrees. PERMISSIBLE VALUES: 00.00 – 90.00.

Source: IPL

Maps To:

Source	Size	Type	Data Element Name
MIDB			
IPL 1.0	5	N/S	IMAGE.OBLANGLE
IPL 2.0	3	Numeric	IMAGE_DATASET.img_obliquity_angle
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I	8	Float	IMAGE_OH.obliquity_angle_radians
	8	Float	VIDEO_ELEMENTS.OBLANGLE

Descriptor: Other Conditions**Tag Name:** IMG.OTHERCOND

Size: 2 Type: Char

Queriable: Optional Returnable: Optional

IPL Cataloging Tag:

Description: A code that indicates other conditions which affect the imagery over the target.

PERMISSIBLE VALUES:

SN	Snow
SH	Shadow
OL	Degrading Obliquity
SD	Semidarkness
BL	Blurred Image
TR	Terrain Masking
HD	Heavy Smoke or Dust
RN	Rain

Source: IPL

Maps To:

Source	Size	Type	Data Element Name
MIDB			
IPL 1.0	2	A/N	IMAGE.OTHERCOND
IPL 2.0	2	Char	IMAGE_ATMOSPHERERIC_CHAR.iac_env_condition_cd
5D	2	Char	PIAIMA.othercond
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I	1	Char	IMAGE_OH.SNOW_COVER

Descriptor: Percent of Cloud Covering**Tag Name:** IMG.CLOUDCVR

Size: 4 Type: Int

Queriable: Optional Returnable: Optional

IPL Cataloging Tag: Optional

Description: Indicates the percentage of the image that is obscured by cloud cover.

PERMISSIBLE VALUES: 000 – 100, 999 = UNKNOWN.

Source: IPL

Maps To:

Source	Size	Type	Data Element Name
MIDB			
IPL 1.0	3	N	IMAGE.CLOUDCVR
IPL 2.0	3	Numeric	IMAGE_ATMOSPHERERIC_CHAR.iac_cloud_cover_percent_rate
5D	4	Int	PIAIMA.cloudcvr
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			

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AF Weather			
Dept of Ed			
MTIX			
TC4I	8	Float	IMAGE_OH.CLOUD_COVER_RATIO

Descriptor: Platform IdentificationTag Name: IMG.SATID

Size: 20 Type: Char

Queriable: Optional Returnable: Optional

IPL Cataloging Tag: Optional

Description: Unique identifier of a commercial collection.

Source: IPL 2.0

Maps To:

Source	Size	Type	Data Element Name
MIDB			
IPL 1.0	10	A/N/S	IMAGE.SATID
IPL 2.0	14	Varchar	IMAGE_DATASET.PLATFORM_Code
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL	10	A/N/S	Image.satid
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: Project Identification CodeTag Name: IMG.PROJID

Size: 2 Type: Char

Queriable: Optional Returnable: Optional

IPL Cataloging Tag:

Description: Identifies collection platform project identifier code. As defined in EARS-1.1, the code may be derived from various DIA reconnaissance program directives or EARS-1-1A.

Source: IPL

Maps To:

Source	Size	Type	Data Element Name
MIDB			
IPL 1.0	2	A	IMAGE.PROJID
IPL 2.0	2	Varchar	IMAGE_DATASET.img_ds_project_id
5D	2	Char	PIAIMA.projid
IESS	2	Char	Image.Project_ID
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I	1	Char	VIDEO_ELEMENTS_PROJID

Descriptor: Projection System**Tag Name:** IMG.PROJSYS

Size: 2 Type: Char

Queriable: Optional Returnable: Optional

IPL Cataloging Tag: Optional

Description: Identifies the 2D map projection used by commercial vendors to geocorrect/orthorectify the image.

Source: IPL 2.0

Maps To:

Source	Size	Type	Data Element Name
MIDB			
IPL 1.0			
IPL 2.0	2	Char	IMAGE_DATASET.img_cart_proj_ref_sys_cd
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			

NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: Radiometric or Orthorectification

Tag Name: IMG.PREPROC

Size: 20 Type: Char

Queriable: Optional Returnable: Optional

IPL Cataloging Tag: Optional

Description: Identifies the level of radiometric and geometric processing applied to the product by the commercial vendor.

Source: IPL

Maps To:

Source	Size	Type	Data Element Name
MIDB			
IPL 1.0	20	A/N/S	IMAGE.PREPROC
IPL 2.0	20	Varchar	IMAGE_DATASET.img_preprocessing_tx
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: Rapid Positioning Capability

Tag Name: IMG.RPC

Size: 1 Type: Char

Queriable: Optional Returnable: Optional

IPL Cataloging Tag: Optional

Description: Indicates whether or not Rapid Positioning Capability (RPC) data is available and contained within the product data. PERMISSIBLE VALUES: Y or N.

Source: IPL

Maps To:

Source	Size	Type	Data Element Name
MIDB			
IPL 1.0	1	A	IMAGE.RPC
IPL 2.0	1	Char	IMAGE_DATASET.img_rpc_data_ind_cd
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: Representation

Tag Name: IMG.IREP

Size: 8 Type: Char

Queriable: Optional Returnable: Optional

IPL Cataloging Tag: Optional

Description: A code that identifies the general kind of image represented by the data. Used in conjunction with the ICAT field.

Source: IPL

Maps To:

Source	Size	Type	Data Element Name
MIDB			
IPL 1.0	8	A/N	IMAGE.IREP
IPL 2.0	8	Varchar	IMAGE_DATASET.img_rep_form_cd
5D	8	Char	IMAGE_SUBHEADER.irep
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			

MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: Satellite Track Location**Tag Name:** IMG.SATTRACK

Size: 8 Type: Char

Queriable: Optional Returnable: Optional

IPL Cataloging Tag: Optional

Description: Identifies location of an image acquired by LANDSAT or SPOT (only) along the satellite path. Minimum values: PATH(J) = 0001 ROW(K) = 0001; Maximum values: PATH(J) = 9999 ROW(K) = 9999. Recorded as PATH/ROW = 00010001 to 99999999.

Source: IPL

Maps To:

Source	Size	Type	Data Element Name
MIDB			
IPL 1.0	8	A/N/S	IMAGE.SATTRACK
IPL 2.0	5	Numeric	IMAGE_DATASET.img_satellite_track_location
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL	8	A/N/S	SatelliteID Track from CSIL
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: **Sensor Mode**

Tag Name: IMG.SENSMODE

Size: 12 Type: Char

Queriable: Optional Returnable: Optional

IPL Cataloging Tag: Optional

Description: Identifies the sensor mode used in capturing the image. PERMISSIBLE VALUES:

WHISKBROOM

PUSHBROOM

FRAMING

SPOT

SWATH

Source: IPL

Maps To:

Source	Size	Type	Data Element Name
MIDB			
IPL 1.0	12	A/N	IMAGE.SENSMODE
IPL 2.0	12	Varchar	IMAGE_DATASET.img_sensor_mode_tx
5D	12	Char	PIAIMA.sensemode
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: **Sensor Name**

Tag Name: IMG.SENSNAME

Size: 18 Type: Char

Queriable: Optional Returnable: Optional

IPL Cataloging Tag:

Description: Identifies the name of the sensor used in capturing the image as defined in Appendix A of the Manned Airborne Reconnaissance Program Plan. A list of Permissible Values for commercial sensors appears on pages 10-15 of the USIGS SPIA, dated 23 April 1997.

Source: IPL

Maps To:

Source	Size	Type	Data Element Name
MIDB			
IPL 1.0	18	A/N/S	IMAGE.SENSNAME

IPL 2.0	18	Varchar	IMAGE_DATASETSENSOR_NAME_
Code			
5D	18	Char	PIAIMA.sensename
IESS			
NDS			
AMHS			
Space DB			
CSIL	18	A/N/S	Sensor Name from CSIL
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I	4 18	Char Char	IMAGE_OHSENSOR VIDEO_ELEMENTS.SENSNAME

Descriptor: **Source**

Tag Name: IMG_SOURCE

Size: 255 Type: Varchar

Queriable: Optional Returnable: Optional

IPL Cataloging Tag: Optional

Description: Identifies where the image came from (e.g., Magazine, Trade Show). User-Defined.
For CSIL, Source can be:

- Landsat Thermitic Mapper
- SPOT Multispectral Scanner
- SPOT Panchromatic
- Radar Sat

Source: IPL

Maps To:

Source	Size	Type	Data Element Name
MIDB			
IPL 1.0	255	A/N/S	IMAGE.SOURCE
IPL 2.0	255	Char	IMAGE_DATASET.img_src_tx
5D	255	Varchar	PIAIMA.source
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			

NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I	20	Varchar	IMAGE.IMAGE_SOURCE

Descriptor: **Standard Radiometric Product**

Tag Name: IMG.SRP

Size: 1 Type: Char

Queriable: Optional Returnable: Optional

IPL Cataloging Tag: Optional

Description: Indicates whether or not standard radiometric product data is available in the archive. PERMISSIBLE VALUES: Y or N.

Source: IPL

Maps To:

Source	Size	Type	Data Element Name
MIDB			
IPL 1.0	1	A/N	IMAGE.SRP
IPL 2.0	1	Char	IMAGE_DATASET.img_srp_ind_cd
5D	1	Char	PIAIMA.srp
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: **Stereo ID**

Tag Name: IMG.STEREOID

Size: 180 Type: Char

Queriable: Optional Returnable: Optional

IPL Cataloging Tag: Optional

Description: Identifies the complimentary image of a stereo pair. Repeats up to 3 times.

Source: IPL

Maps To:

Source	Size	Type	Data Element Name
MIDB			
IPL 1.0	120	A/N/S	IMAGE.STEREOID
IPL 2.0	60	Varchar	IMAGE_DATASET_STEREO.img_ds_stereo_iden_tx
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: Subjective QualityTag Name: IMG.SUBQUAL

Size: 1 Type: Char

Queriable: Optional Returnable: Optional

IPL Cataloging Tag: Optional

Description: Indicates a subjective rating of the quality of a hand-held or airborne image.

PERMISSIBLE VALUES:

P	Poor
F	Fair
G	Good
E	Excellent

Source: IPL

Maps To:

Source	Size	Type	Data Element Name
MIDB			
IPL 1.0	1	A/N	IMAGE.SUBQUAL
IPL 2.0	1	Char	IMAGE_QUALITY_ASSESSMENT.iqa_subjective_quality_cd
5D	1	Char	PIAMA.subqual
IESS			
NDS			
AMHS			
Space DB			
CSIL			

Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: **Sun Azimuth**

Tag Name: IMG.SUNAZ

Size: 5 Type: Float

Queriable: Optional Returnable: Optional

IPL Cataloging Tag:

Description: Sun azimuth in degrees measured clockwise from true north. PERMISSIBLE

VALUES: 000.0 – 359.9.

Source: IPL

Maps To:

Source	Size	Type	Data Element Name
MIDB			
IPL 1.0	5	N/S	IMAGE.SUNAZ
IPL 2.0	3	Numeric	IMAGE_SUN_CHAR.isc_sun_azimuth_angle
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I	8	Float	IMAGE_OH.SUN_AZIMUTH_RADIANS

Descriptor: Sun Elevation**Tag Name:** IMG.SUNEL

Size: 5 Type: Float

Queriable: Optional Returnable: Optional

IPL Cataloging Tag: Optional

Description: Sun elevation in degrees measured from the target plane at intersection of the optical line of sight with the earth's surface. PERMISSIBLE VALUES: -90.0 – 90.0.

Source: IPL

Maps To:

Source	Size	Type	Data Element Name
MIDB			
IPL 1.0	5	N/S	IMAGE.SUNEL
IPL 2.0	3	Real	IMAGE_SUN_CHARACTERISTIC.isc_sun_elevation_dim
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I	8	Float	IMAGE_OH.SUN_ELEVATION_ANGLE_RADIANS

Descriptor: Time of Collection**Tag Name:** IMG.TIMECOLL

Size: 14 Type: Char

Queriable: Optional Returnable: Optional

IPL Cataloging Tag: Optional

Description: Indicates the date or the date and time (Zulu) an image was captured by a collector.

Source: IPL

Maps To:

Source	Size	Type	Data Element Name
MIDB			
IPL 1.0	14	N	IMAGE.TIMECOLL
IPL 2.0	8	Datetime	DATASET.ds_observation_date
5D	8	Datetime	IMAGE_SUBHEADER.idatim
IESS	8/6	Datetime/Date	IMAGE_COVERAGE.date_image
NDS	14	N	Returned through IPL

AMHS				
Space DB				
CSIL				
Intelink-Hydra				
Intelink-Meta				
MEPED				
JIVA ISM				
IET				
NRTD				
DTIC				
AODB				
DOE				
DOE R&D				
AF Weather				
Dept of Ed				
MTIX				
TC4I				

Rules:

IESS – Image_CPK:- Mission_number, Project_ID, Image_type, Sensor_position_leg,
Image_num

2.6 Keyword

Description: The “**Keyword**” component contains access to a list of keyword(s) describing the item. The specific tags are summarized in the table below:

Keyword

Descriptor: **Keyword**

Tag Name: KEY.KEYWORD

Size: 255 Type: Varchar

Queriable: Optional Returnable: Mandatory

IPL Cataloging Tag: Optional

Description: Provides a freeform text description of the product. Maps to INTELINK Tag: IL.keyword.

Source: IPL

Maps To:

Source	Size	Type	Data Element Name
MIDB			
IPL 1.0	255	A/N/S	KEYWORD.KEYWORD
IPL 2.0	255	Varchar	DS_KEYWORD.keyword_tx
5D	255	Varchar	KEYWORD.keyword
IESS			
NDS			
AMHS	N/A	N/A	VALUE ONLY
Space DB			
CSIL			
Intelink-Hydra	255	A/N	Keywords
Intelink-Meta	255	A/N	Keywords
MEPED	255	A/N	Keywords
JIVA ISM	255	Text	Keyword (30 iterations)
IET	255	A/N/S	Keywords
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

2.7 Network Link

Description: The purpose of the “*Network Link*” component is to store functional and physical networks and links, and combinations of both. The specific tags are summarized in the table below:

Allegiance
Communication Identification
Level
Name
Type

Descriptor: **Link.Allegiance**

Tag Name: NWL.ALG

Size: 3 Type: Char

Queriable: Optional Returnable: Optional

IPL Cataloging Tag: N/A

Description: The DoD Standard Country Code designator for the country or political entity to which the entity owes its allegiance.

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	3	Char	NET_LINK.ALLEGIANCE
IPL 1.0			
IPL 2.0			
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

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Descriptor: Communication Identification**Tag Name:** NWL.COMMID

Size: 13 Type: Char

Queriable: Optional Returnable: Optional

IPL Cataloging Tag: N/A

Description: The communication identifier (COMM ID) uniquely identifies each functional communications network. The COMM ID consists of the control unit's UNIT ID and a 3-digits (one-up) number. PERMISSIBLE VALUES:

[A-Z][A-Z] Pos. 1-2, System Assigned Record_Originator.

[ABCDEGJMNSX] Pos. 3, OB_TYPE

- A Air Force
- B Joint Forces
- C Civilian
- D Defensive Missile Forces
- E Net
- G Army
- J Space Order of Battle (SOB)
- M Ministry, other than Ministry of Defense (MOD)
- N Navy
- S Strategic Missile Forces
- X Air Defense Order of Battle (ADOB)

[A-Z][A-Z] Pos. 4-5. Allegiance. This item is selected from the 2-character list of valid State Department Allegiance codes.

[0-9][0-9][0-9][0-9][1-9] Pos. 6-10, Accession_Number.

[0-9][0-9][1-9] Pos. 11-13, Arbitrary_Net_Number.

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	13	Char	NET_LINK.COMM_ID
IPL 1.0			
IPL 2.0			
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: LevelTag Name: NWL.LEVEL

Size: 5 Type: Char

Queriable: Optional Returnable: Optional

IPL Cataloging Tag: N/A

Description: Defines the level of this link in the network construction.

PERMISSIBLE VALUES:

LNK Link

NET Network

PATH Path, A computer-generated path, containing networks and links.

ROUTE Route, An analyst-defined route, potentially combining networks and links.

SBLNK Sub-link

O Other, Explain In Remarks.

U Unknown

Z Inconclusive Analysis

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	5	Char	NET_LINK.NET_LINK_LVL
IPL 1.0			
IPL 2.0			
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: Link.NameTag Name: NWL.NAME

Size: 54 Type: Varchar

Queriable: Optional Returnable: Optional

IPL Cataloging Tag: N/A

Description: Indicates the recognized network or link name.

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	54	Varchar	NET_LINK.NET_LINK_NAME
IPL 1.0			
IPL 2.0			
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: Type**Tag Name:** NWL.TYPE

Size: 3 Type: Char

Queriable: Optional Returnable: Optional

IPL Cataloging Tag: N/A

Description: Function of the network link. PERMISSIBLE VALUES:

COM	Composite
CST	Coastal Segments
EPN	Electric Power Network / Link
EXP	Expeditionary Route
GRP	Group
HWY	Highway Network / Link
INT	Intelligence / Reconnaissance
BDR	International Border Segments
MNC	Manufacturing Network / Link, Civilian Materiel
MNM	Manufacturing Network / Link, Military Materiel
MNS	Manufacturing Network / Link, Strategic Basic Material
PLN	Pipeline Network / Link
RWY	Railway Network / Link
SAT	Satellite Network / Link
TLF	Telecommunications, Functional Network / Link
TLF	Telecommunications, Physical Network / Link
WWY	Waterway Network / Link
O	Other, Explain in Remarks
U	Unknown
Z	Inconclusive Analysis

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	3	Char	NET_LINK.NET_LINK_TYPE
IPL 1.0			
IPL 2.0			
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

2.8 Network Node

Description: The purpose of the “*Network Node*” component is to store data about network nodes. The specific tags are summarized in the table below:

Geographic Coordinates
Role of Node
UTM Coordinates

Descriptor: **Geographic Coordinates**

Tag Name: NWN.GEOCOORDS

Size: 21 Type: Char

Queriable: GEO SEARCH Returnable: Default

IPL Cataloging Tag: N/A

Description: Indicates any of the magnitudes that serve to define the position of a point by reference to a fixed figure, system of lines, etc. PERMISSIBLE VALUES:

[00-90]	Pos. 1-2. Latitude Degrees.
[00-59]	Pos. 3-4. Latitude Minutes.
[00-59]	Pos. 5-6. Latitude Seconds.
[000-999]	Pos. 7-9. Latitude Thousandths of Seconds.
[NSU]	Pos. 10. Latitude Hemisphere.
[00-180]	Pos. 11-13. Longitude Degrees.
[00-59]	Pos. 14-15. Longitude Minutes.
[00-59]	Pos. 16-17. Longitude Seconds.
[000-999]	Pos. 18-20. Longitude Thousandths of Seconds.
[EWU]	Pos. 21. Longitude Hemisphere.

SOURCE: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	21	Varchar	NET_NODE.COORD
IPL 1.0			
IPL 2.0			
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			

AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: Role of Node**Tag Name:** NWN.ROLE

Size:3 Type: Char

Queriable: Optional Returnable: Optional

IPL Cataloging Tag: N/A

Description: Indicates the role that the node plays in the network. PERMISSIBLE VALUES:

ALL	All Subscribers, Valid only for NODE_NR 99
ALT	Alternate Ctrl/Intervening Authority
UNK	Communication node is not specifically known, but it is one of the defined nodes participating in the functional network. Allows for storage of link technical data. Only used when the corresponding NODE_NUM = '00'.
CMS	Communications Support
CTL	Control
C	Net Control Authority
R	Net Relay Point / Facility
S	Net Subscriber / Participant
SAT	Satellite Authority
SUB	Subscriber
O	Other. Explain In Remarks.
U	Unknown
Z	Inconclusive Analysis

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	3	Char	NET_NODE.NODE_ROLE
IPL 1.0			
IPL 2.0			
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: UTM Coordinates**Tag Name:** NWN.UTMCOORDS

Size: 16 Type: Char

Queriable: GEO SEARCH Returnable: Optional

IPL Cataloging Tag: Optional

Description: Universal Transverse Mercator (UTM) grid coordinates. PERMISSIBLE VALUES:

[01-60]	Pos. 1-2, UTM Zone Column
[C-HJ-NP-X]	Pos. 3, UTM Zone Row
[0-9]	Pos. 4, UTM False Easting
[0-9][0-9][0-9][0-9][0-9]	Pos. 5-9, UTM Meter Easting
[0-9][0-9]	Pos. 10-11, UTM False Northing
[0-9][0-9][0-9][0-9][0-9]	Pos. 12-16, UTM Meter Northing

SOURCE: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	16	Varchar	NET_NODE.UTM
IPL 1.0			
IPL 2.0			
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

2.9 Observation

Description: The “Observation” component contains basic information about observation(s). The specific tags are summarized in the table below:

Cluster Identification
Country Code
External Identification
Geographic Coordinates
UTM Coordinates

Descriptor: Cluster Identification

Tag Name: OBS.CLUSTERID

Size: 15 Type: Varchar

Queriable: Optional Returnable: Optional

IPL Cataloging Tag: N/A

Description: Unique identifier assigned by the Jeep Sunshine Tartlet (JST) to a cluster of intercepts or individual reports and required by the cluster process to identify individual clusters.

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	15	Varchar	OBS.CLUSTER_ID
IPL 1.0			
IPL 2.0			
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: Country Code**Tag Name:** OBS.CC

Size: 3 Type: Char

Queriable: Optional Returnable: Optional

IPL Cataloging Tag: N/A

Description: Identifies the country that designed the original object. Country Codes as defined in FIPS 10-4.

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	2	Char	OBS.CC
IPL 1.0			
IPL 2.0			
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: External Identification**Tag Name:** OBS.EXTID

Size: 30 Type: Char

Queriable: Optional Returnable: Optional

IPL Cataloging Tag: N/A

Description: The current unique identifier assigned to the observation or track by the system forwarding the data.

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	30	Char	OBS.EXTERNAL_ID
IPL 1.0			
IPL 2.0			
5D			
IESS			
NDS			
AMHS			

Space DB				
CSIL				
Intelink-Hydra				
Intelink-Meta				
MEPED				
JIVA ISM				
IET				
NRTD				
DTIC				
AODB				
DOE				
DOE R&D				
AF Weather				
Dept of Ed				
MTIX				
TC4I				

Descriptor: Geographic Coordinates**Tag Name:** OBS.GEOCOORDS

Size: 21 Type: Char

Queriable: GEO SEARCH Returnable: Default

IPL Cataloging Tag: N/A

Description: Indicates any of the magnitudes that serve to define the position of a point by reference to a fixed figure, system of lines, etc. PERMISSIBLE VALUES:

[00-90]	Pos. 1-2. Latitude Degrees.
[00-59]	Pos. 3-4. Latitude Minutes.
[00-59]	Pos. 5-6. Latitude Seconds.
[000-999]	Pos. 7-9. Latitude Thousandths of Seconds.
[NSU]	Pos. 10. Latitude Hemisphere.
[00-180]	Pos. 11-13. Longitude Degrees.
[00-59]	Pos. 14-15. Longitude Minutes.
[00-59]	Pos. 16-17. Longitude Seconds.
[000-999]	Pos. 18-20. Longitude Thousandths of Seconds.
[EWU]	Pos. 21. Longitude Hemisphere.

SOURCE: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	21	Varchar	OBS.COORD
IPL 1.0			
IPL 2.0			
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			

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DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: UTM Coordinates**Tag Name:** OBS.UTMCOORDS

Size: 16 Type: Char

Queriable: GEO SEARCH Returnable: Optional

IPL Cataloging Tag: Optional

Description: Universal Transverse Mercator (UTM) grid coordinates. PERMISSIBLE VALUES:

[01-60]	Pos. 1-2, UTM Zone Column
[C-HJ-NP-X]	Pos. 3, UTM Zone Row
[0-9]	Pos. 4, UTM False Easting
[0-9][0-9][0-9][0-9][0-9]	Pos. 5-9, UTM Meter Easting
[0-9][0-9]	Pos. 10-11, UTM False Northing
[0-9][0-9][0-9][0-9][0-9]	Pos. 12-16, UTM Meter Northing

SOURCE: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	16	Varchar	OBS.UTM
IPL 1.0			
IPL 2.0			
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

2.10 Person

Description: The “*Person*” component contains basic information about significant individuals. The specific tags are summarized in the table below:

Allegiance	Last Name
Birth Date	Middle Name
First Name	Profession
Geographic Coordinates	UTM Coordinates
Grade	

Descriptor: Allegiance

Tag Name: PER ASSOCTRY

Size: 3 Type: Char

Queriable: Default Returnable: Default

IPL Cataloging Tag: Optional

Description: The DoD Standard Country Code designator for the country or political entity to which the entity owes its allegiance. Populate with CC field contents as defined in FIPS 10-4.

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	3	Char	IND.ALLEGIANCE
IPL 1.0	2	Char	PERSON.ASSOCTRY
IPL 2.0	2	Char	DSC_PERSON_COUNTRY.country_cd
5D	2	Char	PIAPEA.assoctry
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: Birth Date**Tag Name:** PER.DOB

Size: 8 Type: Char

Queriable: Optional Returnable: Optional

IPL Cataloging Tag: Optional

Description: The date of an individual's birth. PERMISSIBLE VALUES: YYYYMMDD.

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	8	Char	IND.BIRTH_DATE
IPL 1.0	6	N	PERSON.DOB
IPL 2.0	8	Datetime	PERSON_DATASET_COMPONENT_NAME.person_birth_dt
5D	6	Char	PIAPEA.dob
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: First Name**Tag Name:** PER.FIRSTNAME

Size: 54 Type: Varchar

Queriable: Optional Returnable: Default

IPL Cataloging Tag: Optional

Description: A given name conferred upon an individual at birth or through a legal process.

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	54	Varchar	IND.NAME_FIRST
IPL 1.0	28	A/N/S	PERSON.FIRSTNME
IPL 2.0	100	Varchar	PERSON_DATASET_COMPONENT_NAME.person_nm_forename
5D	28	Char	PIAPEA.firstnme
IESS			
NDS			

AMHS				
Space DB				
CSIL				
Intelink-Hydra				
Intelink-Meta				
MEPED				
JIVA ISM				
IET				
NRTD				
DTIC				
AODB				
DOE				
DOE R&D				
AF Weather				
Dept of Ed				
MTIX				
TC4I				

Descriptor: Geographic Coordinates**Tag Name:** PER.GEOCOORDS

Size: 21 Type: Char

Queriable: GEO SEARCH Returnable: Default

IPL Cataloging Tag: N/A

Description: Indicates any of the magnitudes that serve to define the position of a point by reference to a fixed figure, system of lines, etc. PERMISSIBLE VALUES:

[00-90]	Pos. 1-2. Latitude Degrees.
[00-59]	Pos. 3-4. Latitude Minutes.
[00-59]	Pos. 5-6. Latitude Seconds.
[000-999]	Pos. 7-9. Latitude Thousandths of Seconds.
[NSU]	Pos. 10. Latitude Hemisphere.
[00-180]	Pos. 11-13. Longitude Degrees.
[00-59]	Pos. 14-15. Longitude Minutes.
[00-59]	Pos. 16-17. Longitude Seconds.
[000-999]	Pos. 18-20. Longitude Thousandths of Seconds.
[EWU]	Pos. 21. Longitude Hemisphere.

SOURCE: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	21	Varchar	IND_ADDRESS.COORD
IPL 1.0			
IPL 2.0			
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			

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NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: Grade**Tag Name:** PER.GRADE

Size: 2 Type: Char

Queriable: Optional Returnable: Optional

IPL Cataloging Tag: N/A

Description: A specific code for the military title of the individual. PERMISSIBLE VALUES:

E1	Enlisted 1
E2	Enlisted 2
E3	Enlisted 3
E4	Enlisted 4
E5	Enlisted 5
E6	Enlisted 6
E7	Enlisted 7
E8	Enlisted 8
E9	Enlisted 9
W1	Warrant Officer 1
W2	Warrant Officer 2
W3	Warrant Officer 3
W4	Warrant Officer 4
W5	Warrant Officer 5
O1	Officer 1
O2	Officer 2
O3	Officer 3
O4	Officer 4
O5	Officer 5
O6	Officer 6
O7	Officer 7
O8	Officer 8
O9	Officer 9
OA	Officer 10
GA	Government Service, Level 1
GB	Government Service, Level 2
GC	Government Service, Level 3
GD	Government Service, Level 4
GE	Government Service, Level 5
GF	Government Service, Level 6
GG	Government Service, Level 7
GH	Government Service, Level 8
GI	Government Service, Level 9
GJ	Government Service, Level 10
GK	Government Service, Level 11
GL	Government Service, Level 12
GM	Government Service, Level 13
GN	Government Service, Level 14

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GO Government Service, Level 15
 SA Senior Executive Service, Level 1
 SB Senior Executive Service, Level 2
 SC Senior Executive Service, Level 3
 SD Senior Executive Service, Level 4
 SE Senior Executive Service, Level 5
 SF Senior Executive Service, Level 6
 O Other. Explain in Remarks
 U Unknown
 Z Inconclusive Analysis

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	2	Char	IND_PROFESSION.GRADE_LVL
IPL 1.0			
IPL 2.0			
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: Last NameTag Name: PER.LASTNAME

Size: 54 Type: Char

Queriable: Default Returnable: Default

IPL Cataloging Tag: Optional

Description: The surname or given name conferred upon an individual at birth, through marriage (e.g. - maiden name), or through a legal process. It can also be the family name.

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	54	Char	IND.NAME_LAST
IPL 1.0	28	A/N/S	PERSON.LASTNME
IPL 2.0	100	Varchar	PERSON_DATASET_COMPONENT_NAME.person_nm_surname
5D	28	Char	PIAPEA.lastnme

IESS			
NDS			
AMHS	N/A	N/A	VALUE ONLY
Space DB			
CSIL			
Intelink-Hydra	N/A	N/A	VALUE ONLY
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: Middle Name

Tag Name: PER.MIDNME

Size: 54 Type: Varchar

Queriable: Optional Returnable: Default

IPL Cataloging Tag: Optional

Description: A given name, or the first letter of a given name, conferred upon an individual at birth or through a legal process.

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	54	Varchar	IND.NAME_MIDDLE
IPL 1.0	28	A/N/S	PERSON.MIDNME
IPL 2.0	250	Varchar	PERSON_DATASET_COMPONENT_NAME.person_nm_middle
5D	28	Char	PIAPEA.midnme
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			

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TC4I			

Descriptor: Profession**Tag Name:** PER.PROFESSION

Size: 54 Type: Char

Queriable: Optional Returnable: Optional

IPL Cataloging Tag: Optional

Description: Indicates an individual's post of employment, their job. PERMISSIBLE VALUES:

DP	Diplomatic
AM	Diplomatic, Ambassador
AT	Diplomatic, Attaché
CN	Diplomatic, Consul
OD	Diplomatic, Other Diplomatic Staff
IS	Industrial / Scientific
JA	Industrial / Scientific, Junior Level Administrative Support
JM	Industrial / Scientific, Junior Level Management
JS	Industrial / Scientific, Junior Level Scientific Staff
MA	Industrial / Scientific, Mid Level Administrative Support
MM	Industrial / Scientific, Middle Level Management
MS	Industrial / Scientific, Middle Level Scientific Staff
SA	Industrial / Scientific, Senior Level Administrative Support
SM	Industrial / Scientific, Senior Level Management
SS	Industrial / Scientific, Senior Level Scientific Staff
JD	Judiciary
JU	Judiciary, Judge Or Senior Member Of Judicial Authority
ML	Military Related
AD	Military Related, Adjutant
CS	Military Related, Chief Of Staff
CO	Military Related, Commander / Officer Commanding
DC	Military Related, Deputy Commander
IA	Military Related, Intelligence Analyst
IO	Military Related, Intelligence Officer
PO	Military Related, Political Officer
DI	Miscellaneous, Notable Dissident
PL	Political
DM	Political, Defense Minister
FM	Political, Foreign Minister
IM	Political, Interior Minister / Home Secretary
LM	Political, Member of National Legislative Body
OM	Political, Other Ministerial Appointment
PR	Political, President
PM	Political, Prime Minister
TR	Political, Treasury Minister
RL	Religious
RE	Religious, Senior Religious Figure
O	Other. Explain In Remarks.
U	Unknown
Z	Inconclusive Analysis

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	54	Char	IND_PROFESSION.POSITION
IPL 1.0			
IPL 2.0			
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: UTM Coordinates**Tag Name:** PER.UTMCOORDS

Size: 16 Type: Char

Queriable: GEO SEARCH Returnable: Optional

IPL Cataloging Tag: N/A

Description: Universal Transverse Mercator (UTM) grid coordinates. PERMISSIBLE VALUES:

[01-60]	Pos. 1-2, UTM Zone Column
[C-HJ-NP-X]	Pos. 3, UTM Zone Row
[0-9]	Pos. 4, UTM False Easting
[0-9][0-9][0-9][0-9][0-9]	Pos. 5-9, UTM Meter Easting
[0-9][0-9]	Pos. 10-11, UTM False Northing
[0-9][0-9][0-9][0-9][0-9]	Pos. 12-16, UTM Meter Northing

SOURCE: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	16	Varchar	IND_ADDRESS.UTM
IPL 1.0			
IPL 2.0			
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			

JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Rules:

MIDB – NC_IND-NAMES_DOMAIN:= NAME_LAST, NAME_FIRST, NAME_MIDDLE,
DOMAIN_LVL

2.11 Product

Description: The “*Product*” component contains information relating to a product being or which has already been developed. This information aids in the tasking and tracking of the identified products. The specific tags are summarized in the table below:

Agency Identification	Number of Files
Authority	Number of Thumbnails
Availability	Point of Contact
Code	Post Date
Codeword(s)	Producer Code
Compliance Level	Producer Subelement
Control AND Handling	Publication Date
Data Set Type Code	Release
Date Modified	Responsible Producer
Declassification Date	Security Classification
Declassification Event	Security Classification Text
Dissemination	Short Name
Document ID	Size
Foreign Material Control	Subjective Details
Format	Summary
Identification Number	Title
Map ID	User Defined Tape ID

Descriptor: Agency Identification

Tag Name: PRD.OSTAID

Size: 10 Type: Char

Queriable: Optional Returnable: Optional

IPL Cataloging Tag: Optional

Description: This field shall contain the identification code of the originating station.

Source: IPL

Maps To:

Source	Size	Type	Data Element Name
MIDB			
IPL 1.0	10	A/N/S	PRODUCT.OSTAID
IPL 2.0	10	Varchar	DATASET.do_originating_station_id
5D	11	Char	MESSAGE_HEADER.ostaid
IESS			
NDS			
AMHS	N/A	A/N	FROM
Space DB	N/A	N/A	(Always = "NORAD/USSPACECOM J2YS")
CSIL			
Intelink-Hydra			
Intelink-Meta	N/A	N/A	Tq_agency

MEPED			
JIVA ISM			
IET	20	Char	MSG_TYPES
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: Authority**Tag Name:** PRD.AUTHORITY

Size: 40 Type: Char

Queriable: Optional Returnable: Optional

IPL Cataloging Tag: Optional

Description: Classification authority for the product. One of the following:

- (1) Original classification authority name and position or personnel identifier if AUTHORITY TYPE is O; or
- (2) Title of document or security classification guide used to classify the item if AUTHORITY TYPE is D; or
- (3) Derive-Multiple if AUTHORITY TYPE is M (Indicates multiple sources used with originator maintaining record of sources used on file or record copy.); or
- (4) DCI if AUTHORITY TYPE id I.

NOTE: AUTHORITY TYPE is only available with IPL 2.0, all other sources this field can be any one of the above items. Maps to INTELINK Tag: IL.poc.

Source: IPL 2.0

Maps To:

Source	Size	Type	Data Element Name
MIDB			
IPL 1.0	20	A	PRODUCT.AUTHORITY
IPL 2.0	40	Varchar	DS_RESTRICTION.dsr_class_authority_tx
5D	20	Char	MESSAGE_HEADER.fscaut
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM	20	Char	POC
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			

Dept of Ed			
MTIX			
TC4I			

Descriptor: Availability**Tag Name:** PRD.PRODOFFLINE

Size: 1 Type: Char

Queriable: Optional Returnable: Optional

IPL Cataloging Tag: Optional

Description: Indicates if a product is on or off line. PERMISSIBLE VALUES: Y – Product is offline, N – Product is online, P – Pending, in the process of being moved off line.

Source: IPL

Maps To:

Source	Size	Type	Data Element Name
MIDB			
IPL 1.0	1	A	PRODUCT.PRODOFFLINE
IPL 2.0	1	A	Always = "N"
5D			
IESS	1	A	Used to indicate that softcopy is available from a connected INDEX
NDS	1	A	Always = "N"
AMHS	1	A	Always = "N"
Space DB	N/A	N/A	Always = "N"
CSIL	1	A	Always = "Y"
Intelink-Hydra	1	A	Always = "N"
Intelink-Meta	1	A	Always = "N"
MEPED	1	1	Always = "N"
JIVA ISM	1	1	Always = "N"
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I	1	Char	IMAGE.ARCHIVED

Descriptor: Code**Tag Name:** PRD.CODE

Size: 2 Type: Char

Queriable: Optional Returnable: Optional

IPL Cataloging Tag: Optional

Description: Identifies the reporting product code for the product stored in the archive.

Source: IPL

Maps To:

Source	Size	Type	Data Element Name
MIDB			
IPL 1.0	40	A/N	PRODUCT.PRODCODE

IPL 2.0	2	Char	IMAGE_PRODUCT.ip_cd
5D	2	Char	MESSAGE_HEADER.prodcode
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: Codeword(s)**Tag Name:** PRD.CODEWORDS

Size: 40 Type: Varchar

Queriable: Optional Returnable: Optional

IPL Cataloging Tag: Optional

Description: Security compartments associated with the product.

Source: IPL

Maps To:

Source	Size	Type	Data Element Name
MIDB	1	Char	DOC_MGMT.CODEWORD
IPL 1.0	40	A/N/S	PRODUCT.CODEWORDS
IPL 2.0	6	Varchar	DS_RESTRICT_SECURITY_CODEWORD.CODEWORD_Code
5D	40	Varchar	MESSAGE_HEADER.fscode
IESS			
NDS			
AMHS	N/A	A/N/S	INFO
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			

AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: Compliance LevelTag Name: PRD.CLEVEL

Size: 4 Type: Int

Queriable: No * Returnable: Optional

IPL Cataloging Tag: Optional

Description: Identifies the NITF value required to fully interperet the NITF file.

PERMISSIBLE VALUES: 01, 02, 03, 04, 05, 06, 99.

Source: IPL

*Used to further qualify image data

Maps To:

Source	Size	Type	Data Element Name
MIDB			
IPL 1.0	2	N	PRODUCT.CLEVEL
IPL 2.0	100	Varchar	DS_COMPLIANCE_AUTHORITY.dca_compliance_lvl_tx
5D	4	Char	MESSAGE_HEADER.clevel
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: Control and HandlingTag Name: PRD.CONTROL

Size: 40 Type: Char

Queriable: Optional Returnable: Mandatory

IPL Cataloging Tag: Optional

Description: The element used to describe Special Handling Instructions and foreign/allied security markings. This element may contain multiple dissemination control markings separated by a comma. Maps to INTELINK Tag: IL.secur.ctrl.

Source: IPL, Intelink-Hydra

Maps To:

Source	Size	Type	Data Element Name
MIDB	2	Char	DOC_MGMT.CONTROL_MARK
IPL 1.0	40	A/N	PRODUCT.CONTROL
IPL 2.0	255	Varchar	DS_RESTRICTION.dsr_handling_desc_tx
5D	40	Char	MESSAGE_HEADER.fsctlh
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta	N/A	N/A	CONTROL
MEPED			
JIVA ISM	40	Text	Ctrl
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: Data Set Type Code**Tag Name:** PRD.DATASET

Size: 40 Type: Char

Queriable: Optional Returnable: Optional

IPL Cataloging Tag: Optional

Description: The code that indicates the kind of Dataset. PERMISSIBLE VALUES:

ADRG-PRODUCT
 DIGITAL-FEATURE-ANALYSIS-DATA (DFAD)
 DIGITAL-TERRAIN-ELEVATION-DATA (DTED)
 IMAGE-DATASET
 IMAGE-PRODUCT
 RPF-PRODUCT
 VPF-PRODUCT

Source: IPL 2.0

Maps To:

Source	Size	Type	Data Element Name
MIDB			
IPL 1.0			
IPL 2.0	40	Varchar	DATASET.ds_type_tx
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			

Intelink-Meta				
MEPED				
JIVA ISM				
IET				
NRTD				
DTIC				
AODB				
DOE				
DOE R&D				
AF Weather				
Dept of Ed				
MTIX				
TC4I				

Descriptor: Date Modified**Tag Name:** PRD.DATEMODIFIED

Size: 14 Type: A/N

Queriable: Optional Returnable: Optional

IPL Cataloging Tag: System Generated

Description: The date that the product metadata was modified. PERMISSIBLE VALUES:

YYYYMMDDHHMMSS, where:

YYYY is the 4-digit year (0000-9999)

MM is the 2-digit month (1-12)

DD is the 2-digit day (1-31)

HH is the hour of the day (00-23)

MM is the minute of the day (00-59)

SS is the second of the day (00-59)

Source: IPL

Maps To:

Source	Size	Type	Data Element Name
MIDB	14	Varchar	DOC_MGMT.DATETIME_LAST_CHG
IPL 1.0	14	A/N	PRODUCT.DATEMODIFIED
IPL 2.0	8	UCOS_ABTIME	DATASET.ds_update_dt
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM	14	Datetime	Chgdt
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I	8	Date Time	IMAGE.SYSTEM_TIME

Descriptor: Declassification Date

Tag Name: PRD.DWNG

Size: 8 Type: Char
Queriable: Optional Returnable: Optional

IPL Cataloging Tag: Optional

Description: Date when declassification or downgrading action is to take place. PERMISSIBLE VALUES: YYYYMMDD.where:

YYYY is the 4-digit year (0000-9999)
MM is the 2-digit month (1-12)
DD is the 2-digit day (1-31)

Maps to INTELINK Tag: IL.secur.declasson.

SOURCE: IPL

Maps To:

Source	Size	Type	Data Element Name
MIDB	8	Varchar	DOC_MGMT.DECLASS_ON_DATE
IPL 1.0	6	N	PRODUCT.DWNG
IPL 2.0	8	UCOS_ABS.TIME	DS_RESTRICTION.dsr_downgrading_dt
5D	6	Char	MESSAGE_HEADER.fsdwng
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta	N/A	N/A	Declassify By
MEPED			
JIVA ISM	8	Date	Declasdt
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: Declassification Event

Tag Name: PRD.DWNGEVENT

Size: 44 Type: Char
Queriable: Optional Returnable: Optional
IPL Cataloging Tag: Optional

Description: The event causing a security downgrade. PERMISSIBLE VALUE: Valid event in accordance with DIAM 65-19

SOURCE: IPL

Maps To:

Source	Size	Type	Data Element Name
MIDB			
IPL 1.0	40	A/N/S	PRODUCT.DWNGEVENT

IPL 2.0	44	Varchar	DS_RESTRICTION.dsr_class_tx
5D	40	Char	MESSAGE_HEADER.fsdev
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: Dissemination**Tag Name:**

Size: Type: Char

Queriable: No Returnable: Optional

IPL Cataloging Tag: N/A

Description: Contains a library unique identifier. This could be the product filename, a record identifier, a reference number, the productID, or any other means to access the product from the library. Maps to INTELINK Tag: IL.secur.dissem

Source: Intelink-Hydra

Maps To:

Source	Size	Type	Data Element Name
MIDB			
IPL 1.0			
IPL 2.0			
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta	N/A	N/A	Dissemination
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			

AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: Document IDTag Name: PRD.ACCESSID

Size: 64 Type: Char

Queriable: Optional Returnable: Optional

IPL Cataloging Tag: System Generated

Description: Contains a library unique identifier. This could be the product filename, a record identifier, a reference number, the productID, or any other means to access the product from the library. Maps to INTELINK Tag: IL.docid.

Source: IPL

Maps To:

Source	Size	Type	Data Element Name
MIDB			
IPL 1.0	64	A/N/S	PRODUCT.ACCESSID
IPL 2.0	64	Varchar	IMAGE_PRODUCT.ip_access_id
5D	64	Char	MESSAGE_HEADER.accessid
IESS	64	Char	IC.PROJID + Mission_Number + Image_Type + Sensor_Position_Lag + Image_Number + Image_Index + Date_Mission
NDS	64	Char	Image ID from NDS
AMHS			
Space DB			
CSIL	64	A/N/S	Image ID from CSIL
Intelink-Hydra	N/A	N/A	Userid.PID_.Hit#.docDomain
Intelink-Meta	N/A	N/A	Mg_docid
MEPED	64	Varchar	SYSTEM_ID
JIVA ISM	64	Text	Docno
IET	7	Numeric	MSG_ID
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: Foreign Material ControlTag Name: PRD.FMCONTROL

Size: 20 Type: Char

Queriable: Optional Returnable: Optional

IPL Cataloging Tag: Optional

Description: Identifies foreign material associated with the product as defined in NGIC Foreign Materials (FOM) Numbering System Guide.

Source: IPL

Maps To:

Source	Size	Type	Data Element Name
MIDB			
IPL 1.0	32	A/N/S	PRODUCT.FMCONTROL
IPL 2.0	32	Varchar	IMAGE_PRODUCT.ip_frgn_mtrl_ctrl_tx
5D	32	Char	MESSAGE_HEADER.fmcontrol
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: Format

Tag Name: PRD.PRODFMT

Size: 9 Type: Char

Queriable: Optional Returnable: Optional

IPL Cataloging Tag: Mandatory

Description: The format of the product. Maps to INTELINK Tag: IL.format. PERMISSIBLE VALUES:

Format Extension	Format Description	Type
AG Applex	Graphics Document	Document
AI	Postscript	Document
AIF	Audio Interchange Format (Mac)	Audio
AS	Applex Spreadsheet	Document
AU Basic	Sun Audio	Audio
AVI	Audio Visual Interleaved (Microsoft)	Video
BMP	Bitmap	Image
DAT	Data file	Other
DOC	Word Document (Microsoft)	Document
DTED	Digital Terrain Elevation Data	Document
DVI TeX	Device Independent Format	Other
EPS	Encapsulated PostScript	Document
GIF	Graphical Interchange Format	Image
HDF NCSA	Hierarchical Data Format	Other
HTML	HyperText Markup Language	Document
JPEG	Joint Photographic Expert Group	Image
MOV	Movie format (Macintosh)	Video
MPG	Moving Picture Expert Group	Video
MPEG2	MPEG II Audio Format	Audio
NITF01.10	National Imagery Transmission 1.1	Image

NITF02.00	National Imagery Transmission 2.0	Image
PBM	Portable Bitmap	Image
PDF	Portable Document Format	Document
PIC	PICT (Macintosh)	Image
PPM	Portable Pixelmap	Image
PPT	PowerPoint Document (Microsoft)	Document
PS	PostScript (Adobe)	Document
PSD	Photoshop Data File	Image
QT	QuickTime (Macintosh)	Video
RTF	Rich Text Format (Microsoft)	Document
RGB	Red Green Blue	Image
SND Basic	Sun Audio	Audio
SRP	Sun Raster Product	Image
SunRaster	Sun Raster	Image
SVP	Vector Product	Image
TEX Tex/LateX	Other	Other
TFRD1.3	Tape Format Requirements 1.3	Document
TFRD2.3	Tape Format Requirements 2.3	Document
TFRD4.3	Tape Format Requirements 4.3	Document
TIFF6.0	Tagged Imagery File Format 6.0	Image
TXT	Plain Text	Document
VRML	Virtual Reality Modeling Language	Document
WAV	Waveform Audio (Microsoft)	Audio
WRG Applex	Word Document	Document
XBM	Portable X-Bitmap	Image
XLS Microsoft	Excel Document	Document
XPM	Portable X-Pixelmap	Image
XWD	X-WindowDump	Image

SOURCE: IPL

Maps To:

Source	Size	Type	Data Element Name
MIDB			
IPL 1.0	9	A/N/S	PRODUCT.PRODFMT
IPL 2.0	40	Varchar	DS_STORAGE.ds_file_format_tx
5D	9	Char	MESSAGE_HEADER.fhdr
IESS	9	Char	Always = "NITF 2.0"
NDS	9	Char	Always = "NITF 2.0"
AMHS			
Space DB	N/A	N/A	Always = "HTML"
CSIL			
Intelink-Hydra	9	Char	Always = "HTML"
Intelink-Meta	9	Char	Always = "HTML"
MEPED	9	Char	Always = "HTML"
JIVA ISM	N/A	N/A	Always = "HTML"
IET	N/A	N/A	Always = "HTML"
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I	4	Int	IMAGE.IMAGE_FORMAT

Descriptor: Identification Number**Tag Name:** PRD.PRODIDNO

Size: 20 Type: Char

Queriable: Optional Returnable: Optional

IPL Cataloging Tag: Optional

Description: Identifies a product stored in the archive with a producer-assigned number.

Source: IPL

Maps To:

Source	Size	Type	Data Element Name
MIDB			
IPL 1.0	20	A/N/S	PRODUCT.PRODIDNO
IPL 2.0	20	Varchar	IMAGE_PRODUCT.ip_product_number_id
5D	20	Char	MESSAGE_HEADER.prodidno
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB	20	Char	ABP.ABP_ID
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: Map Identifier**Tag Name:** PRD.MAPID

Size: 40 Type: Char

Queriable: Optional Returnable: Optional

IPL Cataloging Tag: Optional

Description: Identifies a map associated with the document/product.

SOURCE: IPL

Maps To:

Source	Size	Type	Data Element Name
MIDB			
IPL 1.0	40	A/N	PRODUCT.MAPID
IPL 2.0	40	Varchar	IMAGE_PRODUCT.ip_map_id
5D	40	Char	MESSAGE_HEADER.mapid
IESS			
NDS			
AMHS			

Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: Number of Files**Tag Name:** PRD.NUMFILES

Size: 2 Type: Int

Queriable: No Returnable: Optional

IPL Cataloging Tag: Optional

Description: The number of files associated with the product.

SOURCE: IPL

Maps To:

Source	Size	Type	Data Element Name
MIDB			
IPL 1.0	2	Int	PRODUCT.NUMFILES
IPL 2.0			
5D			
IESS	2	Int	Always = 1
NDS	2	Int	Always = 1
AMHS			
Space DB	N/A	N/A	Always = 1
CSIL	2	Int	Always = 1
Intelink-Hydra	N/A	N/A	Always = 1
Intelink-Meta	N/A	N/A	Always = 1
MEPED	N/A	N/A	Always = 1
JIVA ISM	N/A	N/A	Always = 1
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: Number of Thumbnails**Tag Name:** PRD.NUM_THUMBNAILS

Size: 5 Type: Int

Queriable: No Returnable: Optional

IPL Cataloging Tag: Optional

Description: The number of thumbnails stored for this product.

SOURCE: IPL

Maps To:

Source	Size	Type	Data Element Name
MIDB			
IPL 1.0	5	Int	PRODUCT.NUM_THUMBNAILS
IPL 2.0			
5D			
IESS	5	Int	Always = 1
NDS	5	Int	Always = 1
AMHS			
Space DB	N/A	N/A	Always = 1
CSIL	5	Int	Always = 1
Intelink-Hydra	N/A	N/A	Always = 1
Intelink-Meta	N/A	N/A	Always = 1
MEPED	N/A	N/A	Always = 1
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: Point of Contact**Tag Name:** PRD.ONAME

Size: 50 Type: Char

Queriable: Optional Returnable: Mandatory

IPL Cataloging Tag: Optional

Description: This field shall contain a valid name for the operator who originated the file. Maps to

INTELINK Tag: IL.agency

SOURCE: IPL.

Maps To:

Source	Size	Type	Data Element Name
MIDB			
IPL 1.0	27	A/N/S	PRODUCT.ONAME
IPL 2.0	50	Varchar	DATASET.do_originator_id
5D	27	Char	MESSAGE_HEADER.oname
IESS			
NDS			
AMHS			
Space DB			

CSIL			
Intelink-Hydra			
Intelink-Meta	N/A	N/A	Tq_poc
MEPED			
JIVA ISM	27	Text	Authorg
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: Post Date**Tag Name:** PRD.DATECREATED

Size: 14 Type: Char

Queriable: Optional Returnable: Mandatory

IPL Cataloging Tag: System Generated

Description: The date that the product was created and loaded into the system. Maps to

INTELINK Tag: IL.postdate. PERMISSIBLE VALUES: YYYYMMDDHHMMSS, where:

YYYY is the 4 digit year (0000-9999)

MM is the 2 digit month (1-12)

DD is the 2 digit day (1-31)

HH is the hour of the day (00-23)

MM is the minute of the day (00-59)

SS is the second of the day (00-59)

Source: IPL

Maps To:

Source	Size	Type	Data Element Name
MIDB	14	Varchar	DOC_MGMT.DATETIME_CREATED
IPL 1.0	14	A/N	PRODUCT.DATECREATED
IPL 2.0	8	Datetime	DATESET.ds_publication_date
5D	8	Datetime	MESSAGE_HEADER.db_create_time
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta	N/A	N/A	dq_postdate_s dq_postdate_e
MEPED			
JIVA ISM	14	Datetime	Postdate
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			

Dept of Ed			
MTIX			
TC4I	8	DateTime	IMAGE.DATE_CREATED

Descriptor: Producer CodeTag Name: PRD.PRODUCERCD

Size: 8 Type: Varchar

Queriable: Optional Returnable: Optional

IPL Cataloging Tag: Mandatory

Description: Identifies the organization responsible for creating or modifying the product.

Source: IPL

Maps To:

Source	Size	Type	Data Element Name
MIDB	2	Char	DOC_MGMT.PROD
IPL 1.0	2	A	PRODUCT.PRODUCERCD
IPL 2.0	8	Varchar	DATASET.ds_producer_code
5D	2	Varchar	MESSAGE_HEADER.producercd
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: Producer SubElementTag Name: PRD.PRODUCERSE

Size: 6 Type: Char

Queriable: Optional Returnable: Mandatory

IPL Cataloging Tag: Optional

Description: Identifies the element within the producing organization that created the product.

Source: IPL

Maps To:

Source	Size	Type	Data Element Name
MIDB	2	Char	DOC_MGMT.PROD_SUB
IPL 1.0	6	A/N/S	PRODUCT.PRODUCERSE
IPL 2.0	6	Varchar	IMAGE_PRODUCT.ip_producer_subelement_cd

5D	6	Char	MESSAGE_HEADER.producerse
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: Publication Date**Tag Name:** PRD.PRODCRTIME

Size: 14 Type: Char

Queriable: Optional * Returnable: Optional

IPL Cataloging Tag: Mandatory

Description: Identifies the date or the date and time (Zulu) that the product was created or last modified. If security levels prohibit the knowledge of product creation time, the time characters should be filled with blank spaces. Maps to INTELINK Tag: IL.pubdate. PERMISSIBLE

VALUES: YYYYMMDDHHMMSS, where:

YYYY is the 4 digit year (0000-9999)

MM is the 2 digit month (1-12)

DD is the 2 digit day (1-31)

HH is the hour of the day (00-23)

MM is the minute of the day (00-59)

SS is the second of the day (00-59)

Source: IPL

Maps To:

Source	Size	Type	Data Element Name
MIDB	14	Varchar *	FAC.DATETIME_CREATED *
IPL 1.0	14	A/N *	PRODUCT.PRODCRTIME *
IPL 2.0	8	Datetime *	IMAGE_PRODUCT.ip_creation_date *
5D	8	Datetime *	MESSAGE_HEADER.prodctime *
IESS			
NDS			
AMHS	14	Char	Date Time Group (DTG) *
Space DB	11	Char	START_DATE, STOP_DATE (DISOB, DISOB-SUP) MONTH,YEAR (SPACE LOG) DATE_BEGIN, DATE_END (LAUNCH) DATE (SOB) *
CSIL	14	A/N	Date of Acquisition from CSIL *

Intelink-Hydra			
Intelink-Meta	N/A	N/A	dq_pubdate_s, dq_pubdate_e *
MEPED			
JIVA ISM	14	Datetime	Pubdate *
IET	14	Char	START_DTG, CURRENT_DTG, SPECIFIC_DTG depends on comparison operator
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

* Queriable via Date Range only

Descriptor: Release

Tag Name: PRD.RELEASE

Size: 255 Type: Char

Queriable: Optional Returnable: Optional

IPL Cataloging Tag: Optional

Description: Indicates the countries and/or country grouping (e.g., NATO) to which the product is authorized for release. Maps to INTELINK Tag: IL.secur.relto.

Source: IPL

Maps To:

Source	Size	Type	Data Element Name
MIDB	2	Char	DOC_MGMT.DOC_RELEASE_MARK
IPL 1.0	40	A/N/S	PRODUCT.RELEASE
IPL 2.0	2	Char	DS_RELEASEABILITY.release_marking_cd
5D	40	Char	MESSAGE_HEADER.fsrel
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta	N/A	N/A	Release
MEPED			
JIVA ISM	40	Text	Relctry
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I	2	Char	IMAGE.RELEASABILITY

Descriptor: Responsible Producer

Tag Name: PRD.RES_PRD

Size: 4 Type: Char

Queriable: No Returnable: Optional

IPL Cataloging Tag: N/A

Description: Organization responsible for maintenance of record.

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	4	Char	FAC.RES_PROD
IPL 1.0			
IPL 2.0			
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: Security Classification

Tag Name: PRD.CLASS

Size: 1 Type: Char

Queriable: Default Returnable: Mandatory

IPL Cataloging Tag: Mandatory

Description: The classification level of the actual document. Maps to INTELINK Tag: IL.secur.classif. PERMISSIBLE VALUES:

U	Unclassified
C	Confidential
R	Restricted (Non-US classification systems only)
S	Secret
T	Top Secret

SOURCE: MIDB, IPL

Maps To:

Source	Size	Type	Data Element Name
MIDB	1	Char	DOC_MGMT.DOC_CLASS_LVL
IPL 1.0	1	A	PRODUCT.CLASS
IPL 2.0	1	Char	DATASET.sec_class_cd

5D	1	Char	MESSAGE_HEADER.fsclass
IESS	1	Char	
NDS	1	Char	Available via IPL
AMHS	N/A	N/A	CLASS
Space DB	N/A	N/A	Always = "T"
CSIL	1	A	Always = "U")
Intelink-Hydra	N/A	N/A	Classification (Network High)
Intelink-Meta	N/A	N/A	Classification
MEPED	1	A/N	Classification (Network High)
JIVA ISM	1	Char	Seclas
IET	1	Char	MESSAGE_CLASSIFICATION
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I	1	Char	IMAGE.SEC_CLASS_CODE

Descriptor: Security Classification Text**Tag Name:** PRD.SECURITYTEXT

Size: 1 Type: Char

Queriable: Optional Returnable: Optional

IPL Cataloging Tag: Optional (2.0)

Description: Provide additional information about classification to include identification of a declassification or downgrading event. May also be used to identify multiple sources and/or any other special handling rules. Maps to INTELINK Tag: IL.secur.other.

SOURCE: IPL 2.0

Maps To:

Source	Size	Type	Data Element Name
MIDB			
IPL 1.0			
IPL 2.0	44	Varchar	DS_RESTRICTION.dsr_class_txt
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			

Dept of Ed			
MTIX			
TC4I			

Descriptor: **Short Name****Tag Name:** PRD.PRODSNME

Size: 20 Type: Char

Queriable: Default Returnable: Default

IPL Cataloging Tag: Mandatory

Description: The type of document being produced. PERMISSIBLE VALUES:

ADRI	ADRI Broad Area Coverage
APG	Aimpoint Graphic
AFG	Airfield Graphic
AESB	Amphibious Exercise Study Book
AIAS	Amphibious Intelligence Area Study
ANMS	Amphibious/Noncombatant Evacuation Order (NEO)
Misc	
ANGLY	Anaglyph
ANIMG	Annotated Image, to include: Annotated Print – IDEXXII, Annotated Print – Point Tgt Msn Spt Image – Area Coverage Msn Spt Image, RFI Spt Image, Range Tng/Exec Img, Mosaics Img Map
ATTG	Automated Tactical Target Graphic (DIAM 57-24 Approved)
AUTODIN	Automatic Digital Network
AWSIMG	Advanced Weapon System Spt Img
BIBB	Basic Imagery Interpretation Brief
BIIR	Basic Imagery Interpretation Report
BRFBD	Briefing Boards
BTG	Basic Target Graphic (DIAM 57-24 Approved)
CLB	Coastal Landing Beach Studies
CISP	Contingency Imagery Support Print
CPG	Contingency Planning Graphic
CSP	Contingency Support Package
CSS	Contingency Support Study
DAHI	Daily Highlights
DD173	Joint Messageform
DEPPKG	Pre-Deployment Package
DIPFA	Diplomatic Facilities Graphic
DPPRG	DPP Reference Graphics
DTM	Digital Target Material
ETG	Enhanced Target Graphic (DIAM 57-24 Approved)
FACEMB	Facility/Embassy Graphic
FASO	Fleet Special Activities Office
FBIS	Foreign Broadcast Information Service
FPRG	Facilities Point Reference Graphic
GAP	Gridded Airfield Photograph
GCGSD	Global Command and Control System (GCCS)
GIP	Graphic Situation Display
GRG	Gridded Illustration Photograph
HHIMG	Gridded Reference Graphic
HTG	Hand Held – to include Ground Photo
	Hard Target Graphic (DIAM 57-24 Approved)

IAB	Imagery Analysis Brief
IAM	Imagery Analysis Memorandum
IAN	Imagery Analysis Note
IAR	Imagery Analysis Report
IES	Imagery Executive Summary
IDP	Image Display Product
IIR	Imagery Interpretation Report
IPIR	Imagery Phase Interpretation Report (aka Immediate Photo Interpretation Report or Initial Photo Interpretation Report)
IRPG	Installation Reference Point Graphic
ISP	Intelligence Support Package
ITG	Infrared Target Graphic (DIAM 57-24 Approved)
ITT	Interactive Training Tool
JETTA	Joint Exercise Target Training Aid
KEYS	IA Keys
LDB	LANT Daily Brief
LNDRW	Line Drawing
LSG	Large Scale Graphic
MAP	Maps
MPG	Mensurated Point Graphic
MCS	Military Capabilities Study
MSI	Multi-Spectral Imagery Products
MSSIM	SDRI/ADRG/DTED Cells
NBRG	National Basic Reference Graphic
NISH	Noncombatant Evacuation Operation Intelligence Support Handbook
OSP	Operational Support Package
OTG	Operational Target Graphic (DIAM 57-24 Approved)
PEPIR	Preliminary Exploitation Phase Interpretation Report (aka Preliminary Photo Interpretation Report)
PDG	Positional Target Graphic
PL	Plotsheet
PRPG	Preliminary Reference Point Graphic
PSG	Perspective Scene (graphic)
QIRGC	Quick Installation Reference Guide - Atlantic
QIRGL	Quick Installation Reference Guide - Counter-
Narcotics	
QRG	Quick Response Graphic (DIAM 57-24 Approved)
RECIMG	Recognition Guides
RECSLD	Recognition Slides
Reuters	
RFC822	
RTG	Radar Target Graphic (DIAM 57-24 Approved)
RVG	Revalidation Graphic
SAO	Special Activities Office Package
SG	Supplemental Graphicion Graphic
SIIR	Special Imagery Interpretation Report
SSSG	Special Support Sect
STG	Seasonal Target Graphic (DIAM 57-24 Approved)
SUPIR	Supplemental Phase Interpretation Report (aka exploitation organizations Supplemental Photo Interpretation Report)
	TIP Target Intelligence Package
TTI	Tactical Target Illustration
TAG	Target Aimpoint Graphic

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TIP	Target Intelligence Package
TPRPT	Topic Report (Database Entry Message)
TSP	Target Select Print
TTG	Training Target Graphic (DIAM 57-24 Approved)
UEIMG	Unexploited Image
UPI	
VTA	Visual Target Graphic
WAGSD	Warrior Graphic Situation Display
O	Other. Explain In Remarks.
U	Unknown
Z	Inconclusive Analysis

SOURCE: MIDB, IPL

Maps To:

Source	Size	Type	Data Element Name
MIDB	5	Char	DOC_MGMT.DOC_TYPE
IPL 1.0	10	A/N/S	PRODUCT.PRODSNME
IPL 2.0	20	Varchar	IMAGE_PRODUCT.ip_short_title_text
5D	10	Char	MESSAGE_HEADER.prodsnme
IESS			
NDS			
AMHS	N/A	N/A	MSG TYPE
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM	10	Text	Proddesc
IET	31	Char	ORIGINATOR
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: Size

Tag Name: PRD.PRODFSIZE

Size: 12 Type: Int

Queriable: Optional Returnable: Default

IPL Cataloging Tag: System Generated

Description: Identifies, to an order of magnitude, the size of the file in bytes.

SOURCE: IPL

Maps To:

Source	Size	Type	Data Element Name
MIDB			
IPL 1.0	12	N	PRODUCT.PRODFSIZE
IPL 2.0	9	Numeric	DS_STORAGE.ds_stroage_file_size
5D	10	Int	MESSAGE_HEADER.fl

IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I	8	Float	IMAGE.FILE_SIZE

Descriptor: Subjective Detail**Tag Name:** PRD.SUBDET

Size: 1 Type: Char

Queriable: Optional Returnable: Optional

IPL Cataloging Tag: Optional

Description: Indicates a subjective rating of useful detail available in the product.

P	Poor
F	Fair
G	Good
E	Excellent

Source: IPL

Maps To:

Source	Size	Type	Data Element Name
MIDB			
IPL 1.0	1	A	PRODUCT.SUBDET
IPL 2.0	1	Char	IMAGE_PRODUCT.ip_subjective_detail_cd
5D	1	Char	MESSAGE_HEADER.subdet
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			

DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: SummaryTag Name: PRD.ATEXT

Size: No Limit Type: Char

Queriable: Optional Returnable: Optional

IPL Cataloging Tag: Optional

Description: Text further describing the product or a summary of the product/document. Maps to

INTELINK Tag: IL.summary

Source: IPL

Maps To:

Source	Size	Type	Data Element Name
MIDB			
IPL 1.0	Atext Length	A/N/S	PRODUCT.ATEXT
IPL 2.0	16	Text	IMAGE_PRODUCT_ASSOCIATED_TE XT.ip_assoc_tx
5D	255	Varchar	ATEXT.atext
IESS			
NDS			
AMHS	N/A	N/A	VALUE ONLY
Space DB			
CSIL			
Intelink-Hydra	N/A	N/A	Summary
Intelink-Meta	N/A	N/A	tq_summary
MEPED			
JIVA ISM	4096	Text	Summary
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: TitleTag Name: PRD.TITLE

Size: 255 Type: Varchar

Queriable: Default Returnable: Mandatory

IPL Cataloging Tag: Mandatory

Description: The title of the actual document. Maps to INTELINK Tag: IL.title

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	54	Char	DOC_MGMT.DOC_TITLE
IPL 1.0	80	A/N/S	PRODUCT.PRODTITLE
IPL 2.0	255	Varchar	DATASET.ds_title_tx
5D	80	Varchar	MESSAGE_HEADER.ftitle
IESS			
NDS			
AMHS	N/A	N/A	SUBJECT
Space DB			
CSIL			
Intelink-Hydra	N/A	N/A	Title
Intelink-Meta	N/A	N/A	tq_title
MEPED			
JIVA ISM	256	Text	Title
IET	80	Char	SUBJECT
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I	80	Varchar	IMAGE.IMAGE_DESC

Descriptor: User Defined Tape ID

Tag Name: PRD.UTAPEID

Size: 40 Type: Char

Queriable: No Returnable: Optional

IPL Cataloging Tag: N/A

Description: User-defined tape identification. Maps to Product.UTAPEID on IPL 1.0

Source: IPL

Maps To:

Source	Size	Type	Data Element Name
MIDB			
IPL 1.0	40	A/N	PRODUCT.UTAPEID
IPL 2.0			
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			

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AF Weather
Dept of Ed
MTIX
TC4I

2.12 Requesting Organization

Description: The “*Requesting Organization*” component contains data pertinent to those organizations requesting a given product. The specific tags are summarized in the table below:

Requesting Organization

Descriptor: Requesting Organization

Tag Name: RQO.REQORG

Size: 64 Type: Char

Queriable: Optional Returnable: Optional

IPL Cataloging Tag: Optional

Description: Name of the Requesting Organization.

Source: IPL 1.0

Maps To:

Source	Size	Type	Data Element Name
MIDB			
IPL 1.0	64	A	REQORG.REQORG
IPL 2.0	35	Varchar	DS_ORGANIZATION.org.id
5D	64	Varchar	REQORG.reqorg
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

2.13 Section

Description: The “Section” component contains data pertinent to the various sections of a given product. The specific tags are summarized in the table below:

Page/Part Number
Section Title
Total Page Part

Descriptor: **Page/Part Number**

Tag Name: SCT_PPNUM

Size: 5 Type: Char

Queriable: No Returnable: Optional

IPL Cataloging Tag: Optional

Description: Indicates the page/part number of the product.

Source: IPL 1.0

Maps To:

Source	Size	Type	Data Element Name
MIDB			
IPL 1.0	5	A	IMAGE_PRODUCT_SECTION.ip_sect_page_part_nbr
IPL 2.0	5	Varchar	
5D	6	Char	SECTITLE.pppnum
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: **Section Title**

Tag Name: SCT.SECTITLE

Size: 40 Type: Char

Queriable: Optional Returnable: Optional

IPL Cataloging Tag: Optional

Description: Identifies the title of a section of a multi-section product.

Source: IPL 1.0

Maps To:

Source	Size	Type	Data Element Name
MIDB			
IPL 1.0	40	A/N	SECTION.SECTITLE
IPL 2.0	40	Char	IMAGE_PRODUCT_SECTION.ip_sect_title_tx
5D	40	Varchar	SECTITLE.sectitle
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: Total Page Part

Tag Name: SCT.TPP

Size: 3 Type: Int

Queriable: Optional Returnable: Optional

IPL Cataloging Tag: Optional

Description: Identifies the total number of pages associated with PPNUM. PERMISSIBLE

VALUES: 000-999

Source: IPL 1.0

Maps To:

Source	Size	Type	Data Element Name
MIDB			
IPL 1.0	3	N	Section.TPP
IPL 2.0	2	Smallint	IMAGE_PRODUCT_SECTION.ip_sec_page_part_cnt
5D	4	INT	SECTITLE.tpp
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			

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MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

2.14 Signal

Description: The “*Signal*” component contains data pertinent to signals. The specific tags are summarized in the table below:

Identification

Descriptor: Identification

Tag Name: SIG.ID

Size: 6 Type: Char

Queriable: Optional Returnable: Optional

IPL Cataloging Tag: N/A

Description: Uniquely identifies each unique signal within the system. PERMISSIBLE VALUES:

[H] Pos. 1, System Assigned Record Originator Code is

AFIWC/DB

[0-9][0-9][0-9][0-9][1-9] Pos. 2-6, Accession Number.

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	6	Char	SIG.SIG_ID
IPL 1.0			
IPL 2.0			
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

2.15 Source

Description: The “Source” component contains general information on source documents/reports referenced by various records throughout the database. This is not meant to provide an exhaustive bibliography of all related source documentation on any subject area. This data is never exchanged. The specific tags are summarized in the table below:

Identification
Information Cutoff Date
Name
Type

Descriptor: Identification

Tag Name: SRC.ID

Size: 11 Type: Varchar

Queriable: Optional Returnable: Optional

IPL Cataloging Tag: N/A

Description: Unique source identifier for the corresponding source record. Permissible Values:
RUL_SOURCE_ID

[S]	Pos. 1, Source designator
[A-Z][A-Z]	Pos. 2-3, System Assigned Record Originator Code
[0-9][0-9][0-9][0-9][0-9][0-9][0-9][1-9]	Pos. 4-11, One-up number series
	System Generated. Field is generated by the system.

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	11	Varchar	SOURCE.SOURCE_ID
IPL 1.0			
IPL 2.0			
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			

DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: Information Cutoff Date**Tag Name:** SRC.CUTOFFDATE

Size: 8 Type: Char

Queriable: Optional Returnable: Optional

IPL Cataloging Tag: N/A

Description: Information Cut-Off Date. Date of the information in the referenced source. If the source were a newspaper article, it would be the date discussed in the article.

PERMISSIBLE VALUES: YYYYMMDD. Maps to INTELINK Tag: IL.cutdate.

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	8	Char	SOURCE.ICOD
IPL 1.0			
IPL 2.0			
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta	N/A	N/A	dq_cutdate_s dq_cutdate_e
MEPED			
JIVA ISM	20	Text	icod (sotddate or yyymm)
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: Name**Tag Name:** SRC.NAME

Size: 54 Type: Varchar

Queriable: Optional Returnable: Optional

IPL Cataloging Tag: Optional

Description: Source of report.

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	54	Varchar	SOURCE.SOURCE_NAME
IPL 1.0	20	A/N/S	ASSRPT.ASSRPT
IPL 2.0	20	Char	IMAGE_PRODUCT_ASSOCIATED_ RPT.ip_assoc.rpt
5D	20	Char	ASSRPT.assrpt
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta	N/A	N/A	Source Name
MEPED			
JIVA ISM	20	Char	Catsrc
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: Type

Tag Name: SRC.TYPE

Size: 9 Type: Char

Queriable: Optional Returnable: Optional

IPL Cataloging Tag: N/A

Description: Type of intelligence report or document referenced.

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	9	Char	SOURCE.SOURCE_TYPE
IPL 1.0			
IPL 2.0			
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			

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DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

2.16 Target Details

Description: The “*Target Details*” component contains data pertinent to target detail information. The specific tags are summarized in the table below:

Coordinates
Country Code
Desired Mean Point of Impact Identifier
Name
Operational Status
Record Status
Review Date
World Area Code

Descriptor: Coordinates

Tag Name: TGD.COORD

Size: 14 Type: Char

Queriable: No Returnable: Optional

IPL Cataloging Tag: N/A

Description: Indicates any of the magnitudes that serve to define the position of a point by reference to a fixed figure, system of lines, etc.

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	13	Char	TGT_DTL.COORD
IPL 1.0			
IPL 2.0			
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			

MTIX			
TC4I			

Descriptor: Country CodeTag Name: TGD.CC

Size: 2 Type: Char

Queriable: No Returnable: Optional

IPL Cataloging Tag: N/A

Description: Country in which geographic cooordinate resides.

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	2	Char	TGT_DTL.CC
IPL 1.0			
IPL 2.0			
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: Desired Mean Point of Impact IdentifierTag Name: TGD.DMPI_ID

Size: 30 Type: Char

Queriable: No Returnable: Optional

IPL Cataloging Tag: N/A

Description: A unique identifier for a desired mean point of impact.

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	30	Char	TGT_DTL.DMPI_ID
IPL 1.0			
IPL 2.0			
5D			
IESS			

NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: Name

Tag Name: TGD.TGT_DTL_NAME

Size: 54 Type: Char

Queriable: No Returnable: Optional

IPL Cataloging Tag: N/A

Description: A plain language name of the target name or the desired mean point of impact. One of four fields to uniquely identify a DMPI.

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	54	Char	TGT_DTL.TGT_DTL_NAME
IPL 1.0			
IPL 2.0			
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: Operational Status**Tag Name:** TGD.OPER_STATUS

Size: 3 Type: Char

Queriable: No Returnable: Optional

IPL Cataloging Tag: N/A

Description: Degree to which this entity is ready to perform the overall operational mission(s) for which it was organized and equipped.

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	3	Char	TGT_DTL.OPER_STATUS
IPL 1.0			
IPL 2.0			
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: Record Status**Tag Name:** TGD.REC_STATUS

Size: 1 Type: Char

Queriable: No Returnable: Optional

IPL Cataloging Tag: N/A

Description: The functional status of the data in the detail record.

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	1	Char	TGT_DTL.RECORD_STATUS
IPL 1.0			
IPL 2.0			
5D			
IESS			
NDS			
AMHS			

Space DB				
CSIL				
Intelink-Hydra				
Intelink-Meta				
MEPED				
JIVA ISM				
IET				
NRTD				
DTIC				
AODB				
DOE				
DOE R&D				
AF Weather				
Dept of Ed				
MTIX				
TC4I				

Descriptor: Review Date

Tag Name: TGD.REVIEW_DATE

Size: 14 Type: numeric

Queriable: No Returnable: Optional

IPL Cataloging Tag: N/A

Description: Date on which the data in th record was last reviewed by the responsible analyst for accuracy and currency.

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	14	Numeric	TGT_DTL.REVIEW_DATE
IPL 1.0			
IPL 2.0			
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: **World Area Code**

Tag Name: TGD.WAC

Size: 4 Type: Char

Queriable: No Returnable: Optional

IPL Cataloging Tag: N/A

Description: World area code for which a designated place is located.

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	4	Char	TGT_DTL.WAC
IPL 1.0			
IPL 2.0			
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

2.17 Target List

Description: The “*Target List*” component contains data pertinent to target list information for a given product. The specific tags are summarized in the table below:

Target List Collateral Damage
Target List Eight Hour
Target List Evaluation
Target List Execution Date
Target List Execution Day
Target List External Target System ID
Target List Four Hour
Target List Name
Target List No Strike
Target List Number
Target List Operation Name
Target List Originator
Target List Priority Target
Target List Restriction
Target List Restriction Reason
Target List Review Date
Target List Status
Target List Target Request Number
Target List Type

Descriptor: **Target List Collateral Damage**

Tag Name: TGL.DAMAGE

Size: 1 Type: Char

Queriable: No Returnable: Optional

IPL Cataloging Tag: N/A

Description: Indication of whether collateral damage has occurred

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	1	Char	TGT_LIST.TIE_ORDER.COLLATERAL_DAMAGED
IPL 1.0			
IPL 2.0			
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			

IET	
NRTD	
DTIC	
AODB	
DOE	
DOE R&D	
AF Weather	
Dept of Ed	
MTIX	
TC4I	

Descriptor: Target Eight Hour**Tag Name:** TGL.EIGHT

Size: 1 Type: Char

Queriable: No Returnable: Optional

IPL Cataloging Tag: N/A

Description: Description is unknown.

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	1	Char	TGT_LIST.TIE_ORDER.LOC_EIGHT_HOUR
IPL 1.0			
IPL 2.0			
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: Target List Evaluation**Tag Name:** TGL.EVAL

Size: 1 Type: numeric

Queriable: No Returnable: Optional

IPL Cataloging Tag: N/A

Description: Reliability/degree of confidence that the analyst has assigned to the data within this record.

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	1	numeric	TGT_LIST.EVAL
IPL 1.0			
IPL 2.0			
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: **Target List Execution Date**

Tag Name: TGL.EX_DATE

Size: 14 Type: numeric

Queriable: No Returnable: Optional

IPL Cataloging Tag: N/A

Description: The date in which the target list is to be executed.

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	14	numeric	TGT_LIST.EXECUTION_DATE
IPL 1.0			
IPL 2.0			
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			

IET	
NRTD	
DTIC	
AODB	
DOE	
DOE R&D	
AF Weather	
Dept of Ed	
MTIX	
TC4I	

Descriptor: Target List Execution Day**Tag Name:** TGL.EX_DAY

Size: 3 Type: numeric

Queriable: No Returnable: Optional

IPL Cataloging Tag: N/A

Description: The day in which the target list is to be executed.

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	3	numeric	TGT_LIST.EXECUTION_DAY
IPL 1.0			
IPL 2.0			
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: Target List External Target System ID**Tag Name:** TGL.EXT_DATE

Size: 15 Type: char

Queriable: No Returnable: Optional

IPL Cataloging Tag: N/A

Description: A unique identifier for a target system used to cross reference between different tracking systems.

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	15	Char	TGT_LIST.TIE_ORDER.EXTERNAL_T GT_SYS_ID
IPL 1.0			
IPL 2.0			
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: Target List Four HourTag Name: TGL.FOUR

Size: 1 Type: numeric

Queriable: No Returnable: Optional

IPL Cataloging Tag: N/A

Description: Description is unknown.

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	1	char	TGT_LIST_TIE_ORDER.LOC_FOUR_HOUR
IPL 1.0			
IPL 2.0			
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			

IET	
NRTD	
DTIC	
AODB	
DOE	
DOE R&D	
AF Weather	
Dept of Ed	
MTIX	
TC4I	

Descriptor: Target List Name**Tag Name:** TGL.NAME

Size: 54 Type: Char

Queriable: Optional Returnable: Optional

IPL Cataloging Tag: N/A

Description: A name use to identify the target list.

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	54	Char	TGT_LIST.TGT_LIST_NAME
IPL 1.0			
IPL 2.0			
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: Target List No Strike**Tag Name:** TGL.NO_STRIKE

Size: 1 Type: char

Queriable: No Returnable: Optional

IPL Cataloging Tag: N/A

Description: Indicates whether a specific target is on the no-strike list.

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	1	char	TGT_LIST_TIE_ORDER.NO_STRIKE
IPL 1.0			
IPL 2.0			
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: Target List Number

Tag Name: TGL.NUM

Size: 15 Type: Char

Queriable: No Returnable: Optional

IPL Cataloging Tag: N/A

Description: A numeric identifier of the target list.

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	15	Char	TGT_LIST.TGT_LIST_NUM
IPL 1.0			
IPL 2.0			
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			

AODB	
DOE	
DOE R&D	
AF Weather	
Dept of Ed	
MTIX	
TC4I	

Descriptor: Target List Operation Name

Tag Name: TGL.OP_NAME

Size: 54 Type: char

Queriable: No Returnable: Optional

IPL Cataloging Tag: N/A

Description: The name used to describe an exercise or live set of military missions and activities.

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	54	char	TGT_LIST.OPERATION_NAME
IPL 1.0			
IPL 2.0			
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: Target List Originator

Tag Name: TGL.TL_ORIG

Size: 20 Type: char

Queriable: No Returnable: Optional

IPL Cataloging Tag: N/A

Description: Originator of the target list.

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	20	Char	TGT_LIST_TIE_ORDER.TGT_LIST_ORIGINATOR
IPL 1.0			
IPL 2.0			
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: **Target List Priority Target**

Tag Name: TGL.PRIO_TGT

Size: 4 Type: numeric

Queriable: No Returnable: Optional

IPL Cataloging Tag: N/A

Description: The relative priority assigned to the target.

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	4	numeric	TGT_LIST_TIE_ORDER.PRIORITY_TGT
IPL 1.0			
IPL 2.0			
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			

AODB	
DOE	
DOE R&D	
AF Weather	
Dept of Ed	
MTIX	
TC4I	

Descriptor: Target List Restriction

Tag Name: TGL.RESTR

Size: 3 Type: char

Queriable: No Returnable: Optional

IPL Cataloging Tag: N/A

Description: Indicates the targeting restriction placed on the entity.

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	20	Char	TGT_LIST_TIE_ORDER.TGT_RESTR
IPL 1.0			
IPL 2.0			
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: Target List Restriction Reason

Tag Name: TGL.RESTR_R

Size: 255 Type: char

Queriable: No Returnable: Optional

IPL Cataloging Tag: N/A

Description: Indicates why the target restriction was placed on the entity.

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	255	Char	TGT_LIST_TIE_ORDER.TGT_RESTR_REASON
IPL 1.0			
IPL 2.0			
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: Target List Review Date**Tag Name:** TGL.REV_DATE

Size: 14 Type: numeric

Queriable: No Returnable: Optional

IPL Cataloging Tag: N/A

Description: Date in which the data in the record was last reviewed by the responsible analyst for accuracy and currency.

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	14	Numeric	TGT_LIST.REVIEW_DATE
IPL 1.0			
IPL 2.0			
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			

AODB	
DOE	
DOE R&D	
AF Weather	
Dept of Ed	
MTIX	
TC4I	

Descriptor: Target List Status

Tag Name: TGL.TGL_STATUS

Size: 3 **Type:** char

Queriable: No **Returnable:** Optional

IPL Cataloging Tag: N/A

Description: The status of a target list during an active exercise.

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	3	Char	TGT_LIST_TIE.TGT_LIST_STATUS
IPL 1.0			
IPL 2.0			
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: Target List Target Request Number

Tag Name: TGL.ABP_REQ_ID

Size: 11 **Type:** char

Queriable: Optional **Returnable:** Optional

IPL Cataloging Tag: N/A

Description: The air battle plan request number.

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	11	Char	TGT_LIST_TIE_ORDER.TGT_RESTR
IPL 1.0			
IPL 2.0			
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: Target List Type**Tag Name:** TGL.TYPE

Size: 3 Type: Char

Queriable: Optional Returnable: Optional

IPL Cataloging Tag: N/A

Description: The coded value indicating the contents of the target list, they are:

CTL - Candidate Target List

JTL - Joint Target List

NOS - No Strike Target List

TN - Target Nomination List

CTL - Candidate Target List

TNC - Target Nomination List, Conventional

TNN - Target Nomination List, Nuclear

O - Other, Explain in remarks

U - Unknown

Z - Inconclusive Analysis

Default Values: 'Z'

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	3	Char	TGT_LIST.TGT_LIST_TYPE
IPL 1.0			
IPL 2.0			
5D			
IESS			
NDS			
AMHS			

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Space DB	
CSIL	
Intelink-Hydra	
Intelink-Meta	
MEPED	
JIVA ISM	
IET	
NRTD	
DTIC	
AODB	
DOE	
DOE R&D	
AF Weather	
Dept of Ed	
MTIX	
TC4I	

2.18 Thumbnail

Description: The “*Thumbnail*” component contains information pertaining to any thumbnail representations of a given product. The specific tags are summarized in the table below:

Compression
Format
Thumbnail

Descriptor: **Compression**

Tag Name:

Size: 15 Type: Char
Queriable: No Returnable: Optional

IPL Cataloging Tag: N/A

Description: Thumbnail compression as specified by the server.

Source: IPL 1.0

Maps To:

Source	Size	Type	Data Element Name
MIDB			
IPL 1.0	15	A/N/S	Thumbnail.THM_COMPRESS
IPL 2.0	15	A/N	IMAGE-DATASET-COMPRESSION Code (Code set to Thumbnail)
5D	Stored	Compressed Using ZLIB	Uncompressed by plug-in
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: Format**Tag Name:**

Size: 15 Type: Char
 Queriable: No Returnable: Optional

IPL Cataloging Tag: N/A

Description: The supported thumbnail format will be GIF87a or GIF89a, and will be denoted by "GIF".

Source: IPL 1.0

Maps To:

Source	Size	Type	Data Element Name
MIDB			
IPL 1.0	15	A/N	Thumbnail.THM_FORMAT
IPL 2.0	40	Varchar	DS_STORAGE.ds.file_format_tx
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: Thumbnail**Tag Name:**

Size: No Limit Type: Binary
 Queriable: No Returnable: Default

IPL Cataloging Tag: N/A

Description: The thumbnail image of the product.

Source: IPL 1.0

Maps To:

Source	Size	Type	Data Element Name
MIDB			
IPL 1.0	No Limit	Binary	unix file name
IPL 2.0	No Limit	Binary	unix file name
5D	256 x 256	Binary	mini_image_blob.roini_image
IESS			
NDS			
AMHS			
Space DB			

CSIL	No Limit	Binary	THUMBNAIL
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

2.19 Track

Description: The “*Track*” component contains information pertaining to moving tracks. The specific tags are summarized in the table below:

Allegiance
Country Code
Geographic Coordinates
Name
Speed
Type
UTM Coordinates

Descriptor: Allegiance

Tag Name: TRK.ALG

Size: 3 Type: Char

Queriable: Optional Returnable: Optional

IPL Cataloging Tag: N/A

Description: The DoD Standard Country Code designator for the country or political entity to which the entity owes its allegiance.

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	3	Char	TRACK.ALLEGIANCE
IPL 1.0			
IPL 2.0			
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: Country Code**Tag Name:** TRK.CC

Size: 3 Type: Char

Queriable: Optional Returnable: Optional

IPL Cataloging Tag: N/A

Description: Identifies the country that designed the original object. Country Codes as defined in FIPS 10-4.

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	2	Char	TRACK_LOC.CC
IPL 1.0			
IPL 2.0			
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			AOI
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: Geographic Coordinates**Tag Name:** TRK.GEOCOORDS

Size: 21 Type: Char

Queriable: GEO SEARCH Returnable: Default

IPL Cataloging Tag: N/A

Description: Indicates any of the magnitudes that serve to define the position of a point by reference to a fixed figure, system of lines, etc. PERMISSIBLE VALUES:

[00-90]	Pos. 1-2. Latitude Degrees.
[00-59]	Pos. 3-4. Latitude Minutes.
[00-59]	Pos. 5-6. Latitude Seconds.
[000-999]	Pos. 7-9. Latitude Thousandths of Seconds.
[NSU]	Pos. 10. Latitude Hemisphere.
[00-180]	Pos. 11-13. Longitude Degrees.
[00-59]	Pos. 14-15. Longitude Minutes.
[00-59]	Pos. 16-17. Longitude Seconds.
[000-999]	Pos. 18-20. Longitude Thousandths of Seconds.
[EWU]	Pos. 21. Longitude Hemisphere.

SOURCE: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	21	Varchar	TRACK.LOC.COORD
IPL 1.0			
IPL 2.0			
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			LAT/LONG
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: NameTag Name: TRK.NAME

Size: 54 Type: Varchar

Queriable: Optional Returnable: Optional

IPL Cataloging Tag: N/A

Description: The name of the entity or activity being tracked.

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	54	Varchar	TRACK.TRACK_NAME
IPL 1.0			
IPL 2.0			
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			SYM
DTIC			
AODB			

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DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: Speed**Tag Name:** TRK.SPEED

Size: 8 Type: Float

Queriable: Optional Returnable: Optional

IPL Cataloging Tag: N/A

Description: Estimated speed of the observed or track entity.

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	8	Float	TRACK_LOC.SPEED
IPL 1.0			
IPL 2.0			
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			Speed
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: UTM Coordinates**Tag Name:** TRK.UTMCOORDS

Size: 16 Type: Char

Queriable: GEO SEARCH Returnable: Optional

IPL Cataloging Tag: Optional

Description: Universal Transverse Mercator (UTM) grid coordinates. PERMISSIBLE VALUES:

[01-60]	Pos. 1-2, UTM Zone Column
[C-HJ-NP-X]	Pos. 3, UTM Zone Row
[0-9]	Pos. 4, UTM False Easting
[0-9][0-9][0-9][0-9][0-9]	Pos. 5-9, UTM Meter Easting
[0-9][0-9]	Pos. 10-11, UTM False Northing

[0-9][0-9][0-9][0-9][0-9]

Pos. 12-16, UTM Meter Northing

SOURCE: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	16	Varchar	TRACK_LOC.UTM
IPL 1.0			
IPL 2.0			
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

2.20 Unit

Description: The “*Unit*” component contains additional identifying information about a force or organizational entity, e.g., military, paramilitary or civilian, that is identifiable in a hierarchical structure. The specific tags are summarized in the table below:

Allegiance	Operational Status
Country Code	Name
Echelon	Order of Battle Type
Fleet Identification	Personnel Type
Geographic Coordinates	Primary Mission
Identification	Quantity
Military Area	UTM Coordinates

Descriptor: Allegiance

Tag Name: UNT.ALG

Size: 3 Type: Char

Queriable: Optional Returnable: Optional

IPL Cataloging Tag: N/A

Description: The DoD Standard Country Code designator for the country or political entity to which the entity owes its allegiance.

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	3	Char	UNIT.ALLEGIANCE, UNIT_C2W.ALLEGIANCE
IPL 1.0			
IPL 2.0			
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			

MTIX			
TC4I			

Descriptor: Country Code**Tag Name:** UNT.CC

Size: 3 Type: Char

Queriable: Optional Returnable: Optional

IPL Cataloging Tag: N/A

Description: Identifies the country that designed the original object. Country Codes as defined in FIPS 10-4.

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	2	Char	UNIT.CC, UNIT_ALT_LOC.CC
IPL 1.0			
IPL 2.0			
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: Echelon**Tag Name:** UNT.ECHELON

Size: 4 Type: Char

Queriable: Optional Returnable: Optional

IPL Cataloging Tag: N/A

Description: Organizational level of the unit.

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	4	Char	UNIT.ECHELON
IPL 1.0			
IPL 2.0			

5D				
IESS				
NDS				
AMHS				
Space DB				
CSIL				
Intelink-Hydra				
Intelink-Meta				
MEPED				
JIVA ISM				
IET				
NRTD				
DTIC				
AODB				
DOE				
DOE R&D				
AF Weather				
Dept of Ed				
MTIX				
TC4I				

Descriptor: Fleet Identification**Tag Name:** UNT.FLEETID

Size: 1 Type: Char

Queriable: Optional Returnable: Optional

IPL Cataloging Tag: N/A

Description: Naval fleet to which a unit is assigned. PERMISSIBLE VALUES:

A	Northern Fleet
B	Baltic Fleet
C	Caspian Flotilla
D	Pre-naval Training
E	East Sea Fleet
F	Frontier Guard
K	Black Sea Fleet
M	Militia
N	North Sea Fleet
P	Pacific Ocean Fleet
R	Naval Reserve
S	South Sea Fleet
U	Unknown

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	1	Char	UNIT.FLEET_ID
IPL 1.0			
IPL 2.0			
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			

Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: Geographic Coordinates**Tag Name:** UNT.GEOCOORDS

Size: 21 Type: Char

Queriable: GEO SEARCH Returnable: Default

IPL Cataloging Tag: N/A

Description: Indicates any of the magnitudes that serve to define the position of a point by reference to a fixed figure, system of lines, etc. PERMISSIBLE VALUES:

[00-90]	Pos. 1-2. Latitude Degrees.
[00-59]	Pos. 3-4. Latitude Minutes.
[00-59]	Pos. 5-6. Latitude Seconds.
[000-999]	Pos. 7-9. Latitude Thousandths of Seconds.
[NSU]	Pos. 10. Latitude Hemisphere.
[00-180]	Pos. 11-13. Longitude Degrees.
[00-59]	Pos. 14-15. Longitude Minutes.
[00-59]	Pos. 16-17. Longitude Seconds.
[000-999]	Pos. 18-20. Longitude Thousandths of Seconds.
[EWU]	Pos. 21. Longitude Hemisphere.

SOURCE: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	21	Varchar	UNIT.COORD
IPL 1.0			
IPL 2.0			
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			

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DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: Identification**Tag Name:** UNT.UNITID

Size: 10 Type: Char

Queriable: Optional Returnable: Optional

IPL Cataloging Tag: N/A

Description: Unique identifier for each unit. PERMISSIBLE VALUES:

[A-Z][A-Z] Pos. 1-2. System Assigned Record Originator. Two-character code associated with the organization originating the unique UNIT ID. Assigned by system at element creation time.

[ABCDEGJMNSX]	Pos. 3, OB_TYPE
	A Air Force
	B Joint Forces
	C Civilian
	D Defensive Missile Forces
	E Net
	G Army
	J Space Order of Battle (SOB)
	M Ministry, other than Ministry of Defense (MOD)
	N Navy
	S Strategic Missile Forces
	X Air Defense Order of Battle (ADOB)

[A-Z][A-Z] Pos. 4-5. Allegiance. This item is selected from the 2-character list of valid State Department Allegiance codes.

[00001-99999] Pos. 6-10. Accession_Number.

System Generated. Field is generated by the system.

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	10	Char	UNIT.UNIT_ID
IPL 1.0			
IPL 2.0			
5D			
IESS			
NDS			
AMHS	N/A	N/A	VALUE ONLY
Space DB			
CSIL			
Intelink-Hydra	N/A	N/A	VALUE ONLY
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			

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DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I	10	Char	IMAGE_REF.UNIT_ID

Descriptor: **Military Area**Tag Name: UNT.MILAREA

Size: 5 Type: Char

Queriable: Optional Returnable: Optional

IPL Cataloging Tag: N/A

Description: Military district, region, or zone in which the geographic coordinates reside.

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	5	Char	UNIT.MIL_AREA
IPL 1.0			
IPL 2.0			
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: **Name**Tag Name: UNT.NAME

Size: 54 Type: Varchar

Queriable: Default Returnable: Default

IPL Cataloging Tag: N/A

Description: Translated unit name or identification given the unit by appropriate authority or orders as used in official orders or communications within the national military or civilian establishment of the country of allegiance. A unit name must be established for every unit in the data base. For each Unit logical record, unit naming conventions established in production programs should be employed. If official sources are not available, the unit name believed most correct is used. A unit's primary designation usually includes service specialty and command echelon.

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	54	Varchar	UNIT.UNIT_NAME
IPL 1.0			
IPL 2.0			
5D			
IESS			
NDS			
AMHS	N/A	N/A	VALUE ONLY
Space DB			
CSIL			
Intelink-Hydra	N/A	N/A	VALUE ONLY
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: Order of Battle Type

Tag Name: UNT.OBTYP

Size: 1 Type: Char

Queriable: Optional Returnable: Optional

IPL Cataloging Tag: N/A

Description: Indicates the type of Order-of-Battle to which a unit or equipment belongs.
PERMISSIBLE VALUES:

- X Air Defense Order of Battle (ADOB)
- A Air Force (AOB)
- G Army (GOB)
- C Civilian
- D Defensive Missile Forces (DMOB)
- B Joint Forces
- M Ministry, Other Than Ministry of Defense (MOD)
- N Navy (NOB)
- E Net
- J Space Order of Battle (SOB)
- S Strategic Missile Forces (SMOB)
- O Other

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	1	Char	UNIT.OB_TYPE
IPL 1.0			
IPL 2.0			
5D			

IESS				
NDS				
AMHS				
Space DB				
CSIL				
Intelink-Hydra				
Intelink-Meta				
MEPED				
JIVA ISM				
IET				
NRTD				
DTIC				
AODB				
DOE				
DOE R&D				
AF Weather				
Dept of Ed				
MTIX				
TC4I				

Descriptor: **Operational_Status**

Tag Name: UNT.OPERSTATUS

Size: 3 Type: Char

Queriable: Optional Returnable: Optional

IPL Cataloging Tag: N/A

Description: Degree to which an entity is ready to perform the overall operational mission(s) for which it was organized and equipped. PERMISSIBLE VALUES:

CEL	Capability of Emergency Launch
LIM	Operations, Limited
NOP	Operations, Non-operational
OPR	Operations, Operational
P	Operations, Peacetime
PW	Operations, Peacetime and Wartime
W	Operations, Wartime
RD0	Ready, 0 - NFI. Ready, but the degree of readiness cannot be determined.
RD1	Ready, 1 - Fully. Fully capable of carrying out all mission requirements and / or has 75 - 100% of wartime authorized equipment on hand.
RD2	Ready, 2 - Substantially. Capable of carrying out most mission requirements but has significant degradation due to either personnel or equipment problems and / or has 50 - 74% of wartime authorized equipment on hand.
RD3	Ready, 3 - Marginally. Capable of carrying out limited mission requirements but has substantial equipment problems and / or has 25 - 49% of wartime authorized equipment on hand.
RD4	Ready, 4 - Not. Extensive degradation due to personnel and equipment problems and is not capable of performing its mission satisfactorily and / or has 0 - 24% of wartime authorized equipment on hand.
RD5	Ready, 5 - Not Immediately. Used primarily by naval analysts to indicate that a unit is not ready for operations but could be made ready on short notice.
RES	Reserve. No preparation required for operation.
SRV	Serviceable
SF1	Shifts, 1 Work Shift
SF2	Shifts, 2 Work Shifts
SF3	Shifts, 3 Work Shifts
STR	Storage. Preparation required prior to operation.

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- U Unknown
 X Not Applicable
 Z Inconclusive Analysis

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	3	Char	UNIT.OPER_STATUS
IPL 1.0			
IPL 2.0			
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: Personnel TypeTag Name: UNT.PERSTYPE

Size: 3 Type: Char

Queriable: Optional Returnable: Optional

IPL Cataloging Tag: N/A

Description: Indicates the type of personnel associated with the entity. PERMISSIBLE VALUES:

CIV	Civilian
MIL	Military
MIX	Mixed

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	3	Char	UNIT_PERS.PERS_TYPE
IPL 1.0			
IPL 2.0			
5D			
IESS			
NDS			
AMHS			
Space DB			

CSIL				
Intelink-Hydra				
Intelink-Meta				
MEPED				
JIVA ISM				
IET				
NRTD				
DTIC				
AODB				
DOE				
DOE R&D				
AF Weather				
Dept of Ed				
MTIX				
TC4I				

Descriptor: Primary Mission

Tag Name: UNT.PRIMISSION

Size: 4 **Type:** Char

Queriable: Optional **Returnable:** Optional

IPL Cataloging Tag: N/A

Description: Indicates the principal type of mission that an entity is organized and equipped to perform.

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	4	Char	UNIT.MSN_PRIMARY, UNIT_C2W.MSN_PRIMARY
IPL 1.0			
IPL 2.0			
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: **Quantity On Hand****Tag Name:** UNT.QOH

Size: 4 Type: Int

Queriable: Optional Returnable: Optional

IPL Cataloging Tag: N/A

Description: Relative to the parent entity, the total number of military personnel or equipment assessed to be on-hand (OH).

Source: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	4	Int	UNIT_PERS.QTY_OH
IPL 1.0			
IPL 2.0			
5D			
IESS			
NDS			
AMHS			
Space DB			
CSIL			
Intelink-Hydra			
Intelink-Meta			
MEPED			
JIVA ISM			
IET			
NRTD			
DTIC			
AODB			
DOE			
DOE R&D			
AF Weather			
Dept of Ed			
MTIX			
TC4I			

Descriptor: **UTM Coordinates****Tag Name:** UNT.UTMCOORDS

Size: 16 Type: Char

Queriable: GEO SEARCH Returnable: Optional

IPL Cataloging Tag: Optional

Description: Universal Transverse Mercator (UTM) grid coordinates. PERMISSIBLE VALUES:

[01-60]	Pos. 1-2, UTM Zone Column
[C-HJ-NP-X]	Pos. 3, UTM Zone Row
[0-9]	Pos. 4, UTM False Easting
[0-9][0-9][0-9][0-9][0-9]	Pos. 5-9, UTM Meter Easting
[0-9][0-9]	Pos. 10-11, UTM False Northing
[0-9][0-9][0-9][0-9][0-9]	Pos. 12-16, UTM Meter Northing

SOURCE: MIDB

Maps To:

Source	Size	Type	Data Element Name
MIDB	16	Varchar	UNIT_ALT_LOG.UTM
IPL 1.0			
IPL 2.0			

5D				
IESS				
NDS				
AMHS				
Space DB				
CSIL				
Intelink-Hydra				
Intelink-Meta				
MEPED				
JIVA ISM				
IET				
NRTD				
DTIC				
AODB				
DOE				
DOE R&D				
AF Weather				
Dept of Ed				
MTIX				
TC4I				

3.0 Cross-Reference Matrix

The table below summarizes each source and the tags they support for queries, results and catalog (for IPL only). The table uses the following symbols:

A	Returnable Only	V	Value Only
D	Default	X	Queriable and Returnable
M	Mandatory	[REDACTED]	Not Available
O	Optional	*	INTELINK Tag
S	System Generated	2	IPL 2.X

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Tag Name	Q	R	C	M	I	I	5	I	N	A	S	C	I	I	M	J	A	A	I	T	T
Query	u	e	t	I	P	L	D	E	D	M	p	S	i	n	E	I	O	F	E	C	R
return	r	t	a	D	L	L	S	S	H	S	c	L	t	-	P	V	D	-	T	4	T
long	n	l	o	B	.	.	S	S	S	D	e	H	-	M	E	A	B	W	e	I	D
					0	0				D	B	d	y	e	D	I	S	m	a	h	r

Air Battle

Mission Number	O	O	X	
Request ID	O	O	X	

Equipment

Airfield Load Class	O	O	X																		
Airfield Pavement Type	O	O		X																	
Allegiance	O	O			X																
Azimuth	O	O				X															
Capacity	O	O					X														
Equipment Code	O	O	O		X	X	X	X							V		V			A	
Country Designed	O	O	O		A	X	X	X													
Country Produced	O	O	O		A	X	X	X										X			
ELINT Notation	O	O			X														X		
ELINT Site Number (PIN)	O	O			A																
Geographic Coordinates			D			A															
Length	O	O			X																
Manufacturer	O	O	O			X	X	X	X						V						
Nomenclature	D	D	O		X	X	X	X							V	X		V		X	
Objective View	O	O	O			X	X	X													
Order of Battle	O	O	O			X	X	X													
Order of Battle Type	O	O	O		X	X	X	X							V		V				
Primary Operating Area	O	O			X																
Quantity On Hand	D	D			X																
UTM Coordinates			O			A															
World Area Code	O	O			X																

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Tag Name	Q	R	C	M	I	I	5	I	N	A	S	C	I	I	M	J	A	A	I	T	T	N
Query	u	e	t	a	I	P	L	D	E	S	M	p	S	i	n	E	O	F	E	C	R	T
Return	r	u	t	a	B	1	2	S	S	H	S	c	L	t	-	V	D	-	T	4	I	D
Along	n	o	l	o	.	0	.	S	S	H	S	e	D	H	y	A	B	W	e	4	I	D

Event

Begin Date	O		A	A																		
End Date	O		A	A																		
Geographic Coordinates	D		A																			
Identification	O	O		X																		
Location	O	O		X																		
Name	D	D	O	X	X	X	X						V	X		V						
Type	D	D	O	X	X	X	X						V			V						

Facility

Air Defense Area	O	O		X																		
Allegiance	O	O		X																		
Azimuth	O	O		X																		
Category	D	D	O	X	X	X	X	X	A									X				
Country Code*	D	O	O	X	X	X	X	X	A	A	A	X	X		X		X			X		
Datum		O	O	A	A	A	A	A														
Depth	O	O		X																		
Elevation	O	O		X																		
Geographic Coordinates	O			A	A	A	A	A	A									A				
Geographic Region	O	O	2						A	A												
Graphic Edition Number	O			A																		
Graphic Series	O			A																		
Graphic Sheet	O			A																		
Length	O	O		X																		
Location Name	O			A																		
Military Area	O			A																		

Tag Name	Q	R	C	M	I	I	5	I	N	A	S	C	I	I	M	J	A	A	I	T	T	N
	u	e	a	I	P	P	D	E	D	M	p	S	i	n	E	I	O	F	E	C	R	
erry	t	r	u	D	L	L	1	S	S	H	s	c	t	-	P	V	D	-	T	4	T	
return				B	.	.	2	S	S	S	e	D	H	-	E	A	B	W	E	I	D	
long					0	0							d		M							
													r									
Name	D	D	O	X	X	X	X	A	A	V		V								X		
Operational Status	O	O		X																		
Percent Coverage	O	O	O		X	X	X	A														
Personnel Allegiance	O	O		X																		
Place Name		O		A																		
Quantity of Personnel	O	O		X																		
Scenario Set		O		A																		
Site Number	O	O		X																		
Street Name		O		A																		
Street Number	O			A																		
Target Data Inventory	O	O		X																		
Target Identification	D	D	O	X	X	X	X	X	X	V		V		X	X		X					
Target Radius	O	O		X																		
UTM Coordinates		O	O	A	A	A	A	A	A							A						
Width	O	O		X																		
World Area Code (WAC)	O	O		X																		

<i>Image</i>																								
Actual Bits per Pixel		O	O		A	A	A										A							
Angle to North	O	O	O		X	X												A						
Camera Specifications	O	O	O		X	X	X																	
Category	D	D	O		X	X	X											A						
Compression	O	O	O		X	X	X																	
Compression Generation		O	O		A	A	A																	
Compression Rate	O	O			A	A	A																	
Coordinates	O	M			A	A	A	A	A	A					A			A			A			
Corner Coordinates	O	O			A	A	A	A	A	A					A		A		A		A		A	

Tag Name	Q	R	C	M	I	I	5	I	N	A	S	C	I	I	M	J	A	A	I	T	C	N
Query return log	u	e	a	I	P	L	D	E	D	M	s	S	i	n	E	I	O	F	E	T	4	R
	r	t	t	D	L	L	1	S	S	H	s	S	t	-	M	V	D	-	W	T	I	T
	n	u	a	B	.	.	2	S	S	c	e	D	H	-	E	A	B	e	a	h	D	
	y	r	l	.	0	0				D	B	D	y	d	M	S	I	W	h	4		
													r	a								
Datum	O	O			A	A												A				
Exploitation Support Data	O	O	O		X	X	X															
Generation	O	O			A	A	A															
Identification	D	D	O		X	X	X	X	X	X					A	V			X			
License Information	O	O	O		A	A										A						
Mean GSD	O	O	O		X	X												A				
Mission Number	D	D	O		X	X	X	A							A				X			
NIIRS	O	O	O		X	X		X	A									A				
Number of Bands	O	O			A	A	A									A						
Number of Columns	O	O			A	A	A									A						
Number of Rows	O	O			A	A	A									A				A		
Obliquity Angle	O	O	O		X	X													A			
Other Conditions	O	O	O		X	X	X												A			
Percent of Cloud Covering	O	O	O		X	X	X												A			
Platform Identification	O	O	O		X	X									A							
Project Identification Code	O	O	O		X	X	X	A										A				
Projection System	O	O	2				X															
Radiometric or Orthorectification	O	O	O		X	X																
Rapid Positioning Capability	O	O	O		X	X																
Representation	O	O	O		X	X	X															
Satellite Track Location	O	O	O		X	X									X							
Sensor Mode	O	O	O		X	X	X															
Sensor Name	O	O	O		X	X	X								A				X			
Source	O	O	O		X	X	X												X			
Standard Radiometric Product	O	O	O		X	X	X															
Stereo ID	O	O	O		X	X																

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Tag Name	Q	R	C	M	I	I	5	I	N	A	S	C	I	I	M	J	A	A	I	T	T	N	
	u	e	a	I	P	P	D	E	D	M	p	S	i	n	E	I	O	F	E	C	R		
	r	t	t	D	L	L	1	S	S	H	s	c	t	-	E	V	D	-	T	4	T		
	r	u	a	B	.	.	2	S	S	S	e	L	H	M	A	B	W	e	T	I	D		
	y	n	l		0	0					D	B	y	d	E		I	S	w				
	o	g											r	a	D								

Subjective Quality	O	O	O	X	X	X																	
Sun Azimuth	O	O	O	X	X																A		
Sun Elevation	O	O	O	X	X																A		
Time of Collection	O	O	O	X	X	X	X	X	X	A													

Keyword	
Keyword	O M O X X X V X X X X X X X X

Network Link	
Allegiance	O O X
Communication	O O X
Identification	
Level	O O X
Link Name	O O X
Type	O O X

Network Node	
Geographic Coordinates	D A
Role of Node	O O X
UTM Coordinates	O O A

Observation	
Cluster Identification	O O X
Country Code	O O X
External Identification	O O X
Geographic Coordinates	O O A

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Tag Name	Q	R	C	M	I	I	5	I	N	A	S	C	I	I	M	J	A	A	I	T	N	
	u	e	a	I	P	P	D	E	D	M	p	S	i	n	E	I	O	F	E	C	R	
	e	t	t	D	L	L		S	S	H	s	c	t	-	M	P	D	-	T	4	T	
	r	u	a	B	1	2		S	S	S	c	e	H	-	M	E	A	B	W	I	D	
	r	u	l	.	.			D	B	D	B	D	y	d	a	D	I	S	e	a	h	
	n	o	g	0	0								ra	met	a					h		r

UTM Coordinates	O	A																		
-----------------	---	---	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

<i>Person</i>																					
Allegiance	D	D	O	X	X	X	X														
Birth Date	O	O	O	A	X	X	X														
First Name	O	D	O	A	X	X	X														
Geographic Coordinates	O			A																	
Grade	O	O		X																	
Last Name	D	D	O	X	X	X	X	V													
Middle Name	O	D	O	A	X	X	X														
Profession	O	O	O	X																	
UTM Coordinates		O		A																	

<i>Product</i>																					
Agency Identification	O	O	O		X	X	X	X	A		X										
Authority	O	O	O		X	X	X														
Availability	O	O	O		X	A		A	A	A	A	A	A	A	A	A	A	A	A	A	
Code	O	O	O		X	X	X														
Codeword(s)	O	O	O	A	X	X	X														
Compliance Level		O	O		A	A	A	A													
Control & Handling*	O	M	O	A	X	X	X									A		X			
Data Set Type Code	O	O	O			X															
Date Modified	O	O	S	A	X	X	X														
Declassification Date*	O	O	O	A	X	X	X									A		X			
Declassification Event	O	O	O		X	X	X	X													
Dissemination		O														A					

Tag Name	Q	R	C	M	I	I	5	I	N	A	S	C	I	I	M	J	A	A	I	T	N
Query_Returning	U	E	A	I	P	L	D	E	D	M	S	S	I	I	E	V	O	F	E	T	4
	R	T	A	D	L	L	1	S	S	H	S	C	n	t	P	A	D	-	W	I	T
	Y	N	O	.	.	0	2	S	S	S	c	L	t	-	E	D	B	e	h	4	D
Document ID*	O	O	S		X	X	X	A	A						A	X	A	X		A	
Foreign Material Control	O	O	O		X	X	X														
Format*	O	O	M		X	X	X	A	A			A		A	A	A	A	A	A	A	
Identification Number	O	O	O		X	X	X														
Map Identifier	O	O	O		X	X	X														
Number_of_Files		O	O		A			A	A			A	A	A	A	A	A	A			
Number_of_Thumbnails		O	O		A			A	A			A	A	A	A	A	A				
Point of Contact*	O	M	O		X	X	X									X		X			
Post Date*	O	M	S		A	X	X	X								A		X			X
Producer Code	O	O	M		A	X	X	X													
Producer Subelement	O	M	O		A	X	X	X													
Publication Date*	O	O	M		A	X	X	X					X	X	X	X		X			
Release*	O	O	O		A	X	X	X								A		X			A
Responsible Producer		O			A																
Security Classification*	D	M	M		A	X	X	X	A	A	X	A	A	A	A	A	X		A	A	
Security Classification Text	O	O	2				X														
Short Name	D	D	M		X	X	X	X				X				X			X		
Size	O	D	S			X	X	X												A	
Subjective Details	O	O	O			X	X	X													
Summary*	O	O	O			X	X	X				X			A	X		X			
Title*	D	M	M		X	X	X	X				X			A	X		X		A	X
User Defined Tape ID*	O				A																

Requesting Organization

Requesting_Organization	O	O	O	X	X	X															
-------------------------	---	---	---	---	---	---	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Tag Name	Q	R	C	M	I	I	5	I	N	A	S	C	I	I	M	J	A	A	I	T	N	
	u	e	a	I	P	P	D	E	D	M	p	S	i	n	E	I	O	F	E	C	R	
	e	t	t	D	L	L	S	S	S	H	s	c	t	t	P	V	D	-	T	4	T	
	r	u	a	B	1	2	S	S	S	H	c	e	-	-	E	A	B	W	e	I	D	
	r	u	l	.	.						D	B	L	H	M	D	I	S	h	a		
	n	o	g		0	0							d	y	e				t	h		
													r	a								

Section

Page/Part Number	O	O		A	A	A															
Section Title	O	O	O		X	X	X														
Total Page Part	O	O	O		X	X	X														

Signal

Identification	O	O	X																		
----------------	---	---	---	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Source

Identification	O	O	X																		
Information Cutoff Date*	O	O		X													X	X			
Name	O	O	O	X	A	A	A										A	A			
Type	O	O		X																	

Target Details

Coordinates	O		A																		
Country Code	O		A																		
DMPII	O		A																		
Name	O		A																		
Operational Status	O		A																		
Record Status	O		A																		
Review Date	O		A																		
World Area Code	O		A																		

Tag Name	Q	R	C	M	I	I	5	I	N	A	S	C	I	I	M	J	A	A	I	T	C	N
Query	u	e	t	a	I	P	L	D	E	S	M	p	S	i	n	E	I	O	F	E	T	R
return	r	t	u	a	D	L	.	S	S	H	S	c	L	t	-	V	A	D	-	W	4	T
long	n	o	l	o	.	0	0	S	S	H	S	e	D	H	y	E	B	W	e	h	I	
								D	B	D	B	d	R	a	t	M	S	h	a	t	D	

Target List

Target List Collateral Damage	O	A																				
Target List Eight Hour	O	A																				
Target List Evaluation	O	A																				
Target List Execution Date	O	A																				
Target List Execution Day	O	A																				
Target List External Target System ID	O	A																				
Target List Four Hour	O	A																				
Target List Name	O	X																				
Target List No Strike	O	A																				
Target List Number	O	A																				
Target List Operation Name	O	A																				
Target List Originator	O	A																				
Target List Priority Target	O	A																				
Target List Restriction	O	A																				
Restriction Reason	O	A																				
Target List Review Date	O	A																				
Target List Status	O	A																				
Target Request Number	O	O	X																			
Target List Type	O	O	X																			

Thumbnail

Compression	O		A	A	A																	
Format	O		A	A																		
Thumbnail	D		A	A	A											A						

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Tag Name	Q	R	C	M	I	I	5	I	N	A	S	C	I	I	M	J	A	A	I	T	T	N	
	u	e	a	I	P	P	D	E	D	M	s	S	i	n	E	I	O	F	E	C	R	T	
	r	t	t	D	L	L	S	S	H	S	c	L	t	-	M	V	D	-	T	4	I	D	
	r	u	a	B	1	2	S	S	H	S	e	D	H	-	M	A	B	W	e	T	h	4	
	n	l	o	.	.	0	D	B	D	B	d	R	y	o	E	S	M	h	a	h	h	4	
	g	o	g																				

Track

Allegiance	O	O	X	
Country Code	O	O	X	
Geographic Coordinates		O	A	
Name	O	O	X	
Speed	O	O	X	
UTM Coordinates		O	A	

Unit

Allegiance	O	O	X	
Country Code	O	O	X	
Echelon	O	O	X	
Fleet Identification	O	O	X	
Geographic Coordinates		O	A	
Identification	O	O	X	
Military Area	O	O	X	
Name	D	D	X	
Operational Status	O	O	X	
Order of Battle Type	O	O	X	
Personnel Type	O	O	X	
Primary Mission	O	O	X	
Quantity on Hand	O	O	X	
UTM Coordinates		O	A	

4.0 Products Available/Returned

The purpose of this section is to define the products available from each source.

Source	Summary Info	Products Available On-Line	Products Available as Orders	SQL Pass Through	Type of Access
MIDB	MetaData	Defensive Missile Order of Battle Facilities with Associated Units and Equipment Facility Location Listings Target Materials Planning Document Facilities by Category, etc.	None	Yes	ODBC direct to DB
IPL 1.0	MetaData Thumbnail	Data File Imagery, Video, Text, Audio, etc. Multi-File Products	Data File Any/All Products	No	IPL 1.0 API
IPL 2.0	MetaData Thumbnail	Data File Imagery, Video, Text, Audio, etc. Multi-File Products	Data File Any/All Products	No	IPL 2.0 API
5D	MetaData Thumbnail	Data File Imagery	Data File Image	Yes	ODBC direct to DB
IESS	MetaData	History of Coverage Report Imagery Interpretation Reports Standing Requirements Target Details	Data File Image (IDEX)	No	ODBC direct to DB
NDS	MetaData	None	Data File Image (IDEX)	No	Via IPL 1.0
AMHS	MetaData	Messages	None	No	Web
Space DB					Web
CSIL	MetaData Thumbnail	None	Imagery	No	Web
Intelink-Hydra	MetaData	HTML Reports	None	No	Web
Intelink-Meta	MetaData	HTML Reports	None	No	Web
MEPED	MetaData	Equipment Parametric Reports	None	No	Web
JIVA ISM	MetaData			No	Web
NRTD	MetaData	Update Map Display	None	No	
DTIC	MetaData	None		No	Web
AODB	MetaData	Air Order of Battle Reports	None	No	ODBC
DOE	MetaData			No	Web
DOE R&D	MetaData			No	Web
AF Weather	MetaData	Weather Imagery	None	No	Web
Dept of Ed	MetaData			No	Web
MTIX	MetaData			No	

Source	Summary Info	Products Available On-Line	Products Available as Orders	SQL Pass Through	Type of Access
IET	MetaData	Messages		No	
TC4I	MetaData	Imagery, Video		No	