GEO*Fidelis* Data Model Design Description

Version: 1.0

Prepared for:
HQMC Installation Geospatial Information and Services Program (GEO*Fidelis*)
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Revisions

Revision Number	Date	Description
0.1	March 8, 2006	Draft Release
0.2	December 3, 2006	Internal Review Draft
0.5	January 22, 2007	Quality Control Review
1.0	January 31, 2007	Initial Release

Table of Contents

1 Introduction

The purpose of the GEO*Fidelis* Data Model Design Description document is to:

1. Provide all installations a common interpretation of a core set of data layers and attributes based on the Spatial Data Standards for Facilities, Infrastructure, and Environment (SDSFIE) geospatial data standard.
2. Identify the GEO*Fidelis* Common Installation Picture data layers and attributes that all installations are required to maintain. (Marine Corps Order 11000.23, Installation Geospatial Information and Services)

This document was developed in coordination with the Marine Corps installations, GEO*Fidelis* Regional Centers, and Headquarters Marine Corps (HQMC). It is based upon the SDSFIE 2.600 geospatial data standard.

2 GEO*Fidelis* Common Installation Picture

The GEOFidelis Common Installation Picture (CIP) is a defined dataset of geospatial layers and imagery used for strategic purposes that forms a common baseline of all installations. The CIP data is the minimal required geospatial data for each installation. The CIP data layers will be used for strategic planning and shared at all levels of the Marine Corps, Department of Navy (DoN) and Department of Defense (DoD) to support Marine Corps, DoN and DoD mission requirements and to comply with all geospatial related Executive Orders, DoD, DoN and Marine Corps instructions, guidance and mandates. The CIP will provide the geospatial infrastructure foundation for any installation or regional Common Operational Picture. A complete list of the CIP layers can be found in Appendix A.

3 Data Layers

This section provides detailed information on each of the entity types and is grouped by entity sets. Each entity type contains three subsections; description, drivers, and file name and attributes.

The description provides a definition of the type of features that should be maintained in the entity type. The description was taken from the SDSFIE 2.600 geospatial data standard, except for in few select cases where it was modified based upon comments from the installations, GEO*Fidelis* Regional Centers, or HQMC. A complete list of data layers and definitions can be found in Appendix B.

The drivers subsection provides details on the programs for which each entity type is required to support. Those entity types that do not currently have drivers identified are still required in support of installation and headquarter level programs that may be yet to be defined.

The file name and attributes subsection presents the data layer name, object type, and the required and recommend attributes. All data layer names are from the SDSFIE 2.600 geospatial data standard, except for a few that are user defined due to lack of appropriate entity type within the standard. Only attributes that are required, which are in bold, and recommend attributes are defined in this document. All other

attributes may be used at the discretion of the installations or GEO*Fidelis* Regional Centers.

Appendices C and D have been included as a ready reference of Facility Installation Codes and Domains.

3.1 AUDITORY

3.1.1 noise_zone_area

3.1.1.1 Description

This description was created by the GEO*Fidelis* Program and differs from SDSFIE 2.600.

Noise zone areas are noise levels that are generated from military and nonmilitary activities. This includes noise generated from fixed wing aircraft flight and rotary wing aircraft flight, associated ground maintenance activities, and large caliber weapons.

Two metrics are used to measure noise; "A" weighting and "C" weighting. "A" weighted noise (indicated by "dB(A)") is noise generated from low amplitude long intensity sources such as aircraft over flight. "C" weighted noise (indicated by "dB(C)" or "LCDN") is noise generated from high amplitude short intensity sources such as weapons firing. When intermittent impulse noises such as those associated with bombing and gunnery ranges are of importance, such noises will be measured using standard "C" weighting of the various frequencies to ensure a description most representative of the actual human response.

For airfields, aircraft flight and ground maintenance noise will be described by the best available noise contours using the Day Night Average Sound Level (DNL) as per Air Installation Compatible Use Zone (AICUZ) regulations, except for installations in the State of California. Aircraft and ground maintenance noise in the State of California will be described using the Community Noise Equivalent Level (CNEL) metric.

3.1.1.2 Drivers

- Range Environmental Vulnerability Assessment (REVA)

3.1.1.3 File Name and Attributes

SDSFIE Entity Set:	auditory
ESRI Feature Dataset:	auditory
SDSFIE Entity Class:	auditory_noise
SDSFIE Entity Type:	noise_zone_area
ESRI Feature Class:	noise_zone_area
SDSFIE Table:	aunoizon

Object Type:	Polygon
Required Attributes: The AUNOIZON table contains 36 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
NOI_ZON_ID	**Description:** (Primary Key) Unique numeric identifier for each noise polygon. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
DB_MIN	**Description:** Minimum Level Decibel Quantity: The noise level is in decibels measured within the zone. EXAMPLES: “62”, "65", "70", etc. **Data Type:** Real **Length:** **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** 38 **Scale:** 8

MEAS_MET_D	**Description:** Metric used to represent sound levels. Valid values are those included in the SDS domain list which can be found in Appendix D. The following values will be added to "d_sammet": "dB(A)", "dB(C)", and "UNKNOWN". dB(A) – "A" weighted noise contour (aircraft noise) dB(C) – "C" weighted noise contour (large caliber weapons noise) UNKNOWN – The type of metric is unknown. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_sammet **Precision:** **Scale:**
ZONE_NUM	**Description:** Any identifying number associated with the noise zone. **Data Type:** Character **Length:** 15 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
ZONE_DESC	**Description:** A description for the noise zone. **Data Type:** Character **Length:** 60 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
DATE_STUDY	**Description:** Date the noise study was conducted. Format "YYYYMMDD".

	Data Type: Integer **Length:** **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** 10 **Scale:**

3.2 BOUNDARY

3.2.1 political_jurisdication_area

3.2.1.1 Description

A political jurisdiction area is an area of land and water under the right, power, or authority of various local, state, and national governments.

3.2.1.2 Drivers

3.2.1.3 File Name and Attributes

SDSFIE Entity Set:	boundary
ESRI Feature Dataset:	boundary
SDSFIE Entity Class:	boundary_jurisdiction
SDSFIE Entity Type:	political_jurisdiction_area
ESRI Feature Class:	political_jurisdiction_area
SDSFIE Table:	bdjurpol
Object Type:	Polygon
Required Attributes: The BDJURPOL table contains 46 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
JURIS_ID	**Description:** (Primary Key) Unique numeric identifier for each political jurisdiction polygon. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character

	Length: 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
GOVERN_D	**Description:** Subtype – The type of government having dominion over a particular area. Valid values are those included in the SDS domain list which can be found in Appendix D. The following values will be added to "d_bdytyp": "STATE", and "COUNTY". STATE – An area depicting one of the fifty states of the Untied States of America. COUNTY – An area depicting a county, which is the largest type of administrative district within a state. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_bdytyp **Precision:** **Scale:**
POLIT_NAME	**Description:** The common name associated with the property area. **Data Type:** Character

	Length: 30 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**

3.3 BUILDINGS

3.3.1 slab_area

3.3.1.1 Description

This description was created by the GEO*Fidelis* Program and differs from SDSFIE 2.600.

A feature that is generally on the ground, typically composed of concrete, brick, asphalt, or rock that was designed to provide a base for structures other than buildings, or to be used as a recreation surface or as a patio.

3.3.1.2 Drivers

- Naval Treaty Implementation Program (NTIP)

3.3.1.3 File Name and Attributes

SDSFIE Entity Set:	buildings
ESRI Feature Dataset:	buildings
SDSFIE Entity Class:	buildings_general
SDSFIE Entity Type:	slab_area
ESRI Feature Class:	slab_area
SDSFIE Table:	bggenfnd
Object Type:	Polygon
Required Attributes: The BGGENFND table contains 31 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
STRUCT_ID	**Description:** (Primary Key) Unique identifier for each slab polygon. This unique ID may be generated in any fashion such that each map feature retains a unique value.

	Data Type: Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
FACIL_ID	**Description:** The unique NFA number for the slab. **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
FEAT_DESC	**Description:** To hold miscellaneous information regarding the slab. **Data Type:** Character **Length:** 60 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
STR_MAT_D	**Description:** The material that the slab is made of. Valid

	values are those included in the SDS domain list which can be found in Appendix D. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_strmat **Precision:** **Scale:**
STR_CND_D	**Description:** The condition of the slab. Valid values are those included in the SDS domain list which can be found in Appendix D. The following value will be added to "d_strcnd": "Other". Other – The condition is not listed. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_strcnd **Precision:** **Scale:**

3.3.2 structure_demolished_area

3.3.2.1 Description

This entity type is not part of the SDSFIE 2.600 data model and was created by the GEO*Fidelis* Program.

A demolished structure is structure that no longer exists but at one time was used for occupation, storage, or to facilitate an activity. This includes the following features;

- **Shed** – An existing structure that was created, by man, typically for the storage of equipment, animals, or other possessions. A shed has an area of 100 square feet or less.
- **Tower** – An existing structure that was created, by man, to facilitate an activity at an elevated level above the ground.
- **Canopy** – An existing structure that was created, by man, for limited protection from the environment.

- **Carport** – A roofed structure, generally with out wall, used for the purpose of sheltering vehicles.
- **Bleacher** – A structure consisting of tiered seating where people can sit to watch an event.

3.3.2.2 Drivers

3.3.2.3 File Name and Attributes

SDSFIE Entity Set:	buildings
ESRI Feature Dataset:	buildings
SDSFIE Entity Class:	buildings_general
SDSFIE Entity Type:	structure_demolished_area
ESRI Feature Class:	structure_demolished_area
SDSFIE Table:	bggenstr
Object Type:	Polygon
Required Attributes: The BGGENSTR table contains 86 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
BUILDNG_ID	**Description:** (Primary Key) Unique identifier for each building polygon. Based on the SDSFIE definition, this number could be equal to the FACIL_ID value. Until the FACIL_ID values are known for all structures, there is potential for duplicate and null values in this field. The unique identifier will not be relevant to building identifiers. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s).

	Data Type: Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
STRUCTNAME	**Description:** Common name given to the structure. **Data Type:** Character **Length:** 30 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
STR_TYPE_D	**Description:** The type of structure. Valid values are those included in the SDS domain list which can be found in Appendix D. The following values will be added to "d_strtpe": "Shed", "Carport", "Bleacher", "Warehouse", "Heat_Cool_Plant", "Ind_Waste_Plant", "Magazine", "Wastewater_Plant", "Water_Plant", and "Canopy". Shed – An existing structure that was created, by man, typically for the storage of equipment, animals, or other possessions. A shed has an area of 100 square feet or less. Carport – A roofed structure, generally with out wall, used for the purpose of sheltering vehicles. Bleacher – A structure consisting of tiered seating where people can sit to watch an event. Heat_Cool_Plant – A building or structure containing boilers, furnaces, chillers, pumps and appurtenant equipment to produce the water temperature/pressure combinations which are distributed to other buildings and facilities. Ind_Waste_Plant – A structure containing equipment used to treat and remove unwanted constituents from industrial waste. Magazine – A structure that stores explosives and/or

	ammunition. Wastewater_Plant – A structure containing equipment used to treat and remove unwanted constituents from wastewater. Water_Plant – A water treatment plant and all appurtenant equipment, buildings, and facilities relating to water treatment. Warehouse – An existing structure that was created, by man, typically for the storage of equipment, or other possessions. A warehouse has an area greater than 100 square feet. Canopy – An existing structure that was created, by man, for limited protection from the environment. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_strtpe **Precision:** **Scale:**
FACIL_ID	**Description:** The unique NFA number for the structure. **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
DEMOL_DATE	**Description:** The date on which the structure was demolished and no longer in use. Format "YYYYMMDD". **Data Type:** Integer **Length:** **Allow Null Values:** Yes **Default Value:** **Assigned Domain:**

	Precision: 10 **Scale:**
DEMREASN_D	**Description:** Reason the structure was demolished. Valid values are those included in the SDS domain list which can be found in Appendix D. The following values will be added to "d_reason": "Other", and "Unknown". Other – The reason the structure was demolished is not listed. Unknown – The reason the structure was demolished is unknown. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_reason **Precision:** **Scale:**

3.3.3 structure_existing_area

3.3.3.1 Description

This description was created by the GEO*Fidelis* Program and differs from SDSFIE 2.600.

This entity type will illustrate the location of buildings and certain structures for on USMC installations. A building is defined as an existing structure created by humans for occupation, storage, or to facilitate an activity. The following types of structures will be included in this layer as well;

- **Shed** – An existing structure that was created, by man, typically for the storage of equipment, animals, or other possessions. A shed has an area of 100 square feet or less.
- **Tower** – An existing structure that was created, by man, to facilitate an activity at an elevated level above the ground.
- **Canopy** – An existing structure that was created, by man, for limited protection from the environment.
- **Carport** – A roofed structure, generally with out wall, used for the purpose of sheltering vehicles.

- **Bleacher** – A structure consisting of tiered seating where people can sit to watch an event.
- **Magazine** – A structure that stores explosives and/or ammunition.

3.3.3.2 Drivers

- GEO*Fidelis* Common Installation Picture (CIP)
- Internet Navy Facilities Assets Data Store (iNFADS)
- United States Marine Corps Enterprise MAXIMO Facilities Management Program (USMCMax)
- Naval Facilities Engineering Services Command (NFESC) – Explosive Safety Siting (ESS)
- Naval Treaty Implementation Program (NTIP)
- Range Environmental Vulnerability Assessment (REVA)

3.3.3.3 File Name and Attributes

SDSFIE Entity Set:	buildings
ESRI Feature Dataset:	buildings
SDSFIE Entity Class:	buildings_general
SDSFIE Entity Type:	structure_existing_area
ESRI Feature Class:	structure_existing_area
SDSFIE Table:	bggenstr
Object Type:	Polygon
Required Attributes: The BGGENSTR table contains 86 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
BUILDNG_ID	**Description:** (Primary Key) Unique identifier for each building polygon. Based on the SDSFIE definition, this number could be equal to the FACIL_ID value. Until the FACIL_ID values are known for all structures, there is potential for duplicate and null values in this field. The unique identifier will not be relevant to building identifiers. **Data Type:** Character

	Length: 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
STRUCTNAME	**Description:** Common name given to the structure. **Data Type:** Character **Length:** 30 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
STR_STAT_D	**Description:** Subtype – Operational status of the structure. Valid values are those included in the SDS domain list which can be found in Appendix D. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_dstrst **Precision:** **Scale:**
STR_TYPE_D	**Description:** The type of structure. Valid values are those

	included in the SDS domain list which can be found in Appendix D. The following values will be added to "d_strtpe": "Shed", "Carport", "Bleacher", "Warehouse", "Heat_Cool_Plant", "Ind_Waste_Plant", "Magazine", "Wastewater_Plant", "Water_Plant", and "Canopy". Shed – An existing structure that was created, by man, typically for the storage of equipment, animals, or other possessions. A shed has an area of 100 square feet or less. Carport – A roofed structure, generally with out wall, used for the purpose of sheltering vehicles. Bleacher – A structure consisting of tiered seating where people can sit to watch an event. Heat_Cool_Plant – A building or structure containing boilers, furnaces, chillers, pumps and appurtenant equipment to produce the water temperature/pressure combinations which are distributed to other buildings and facilities. Ind_Waste_Plant – A structure containing equipment used to treat and remove unwanted constituents from industrial waste. Magazine – A structure that stores explosives and/or ammunition. Wastewater_Plant – A structure containing equipment used to treat and remove unwanted constituents from wastewater. Water_Plant – A water treatment plant and all appurtenant equipment, buildings, and facilities relating to water treatment. Warehouse – An existing structure that was created, by man, typically for the storage of equipment, or other possessions. A warehouse has an area greater than 100 square feet. Canopy – An existing structure that was created, by man, for limited protection from the environment. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_strtpe

	Precision: **Scale:**
FACIL_ID	**Description:** The unique NFA number for the structure or building. **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
BUILDNG_NO	**Description:** The actual alphanumeric identifier on the physical structure or building. This attribute will be used to differentiate between multiple addresses at one FACIL_NO. For example; FACIL_NO 300 has two housing units 300A and 300B. BUILDNG_NO would store 300A and 300B respectively. **Data Type:** Character **Length:** 16 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
FACIL_NO	**Description:** The alphanumeric identifier of the structure or building that is stored in iNFADS as the facility number. **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
NARRATIVE	**Description:** A description or other unique information concerning the structure. This attribute will contain the

	design type of magazines, “surface”, “subsurface”, “arch-type”, “earthcovered”, and “barricaded”. **Data Type:** Character **Length:** 240 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**

3.4 CADASTRE

3.4.1 dod_rpi_site_area

3.4.1.1 Description

Represents the geographic extent of all contiguous land parcels in which the DoD has legal interest. This includes owned lands (such as DoD holds fee-simple title to the land), and "non-owned" lands including leased land and other less-than-fee surface rights and interests currently held by DoD.

3.4.1.2 Drivers

- GEO*Fidelis* Common Installation Picture (CIP)
- Internet Navy Facilities Assets Data Store (iNFADS)
- Naval Facilities Engineering Services Command (NFESC) – Explosive Safety Siting (ESS)
- Naval Treaty Implementation Program (NTIP)
- Range Environmental Vulnerability Assessment (REVA)

3.4.1.3 File Name and Attributes

SDSFIE Entity Set:	cadastre
ESRI Feature Dataset:	cadastre
SDSFIE Entity Class:	cadastre_federal_dod_property
SDSFIE Entity Type:	dod_rpi_site_area
ESRI Feature Class:	dod_rpi_site_area

SDSFIE Table:	cddodsit
Object Type:	Polygon
Required Attributes: The CDDODSIT table contains 8 attribute fields, all of which must be included but not necessarily populated. Additionally it contains 3 user added fields which must be included as well. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
RPSU_ID	**Description:** (Primary Key) Uniquely identifies each site. Also facilitates relational join to associated RPI core data elements stored in Military Department inventory systems. **Data Type:** Character **Length:** 18 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
SITE_NAME	**Description:** The name of the RPI site. Same as the site name in the RPI core data element stored in Military Department inventory systems. **Data Type:** Character **Length:** 100 **Allow Null Values:** No **Default Value:** **Assigned Domain:**

	Precision: **Scale:**
INST_NAME	**Description:** The name of the RPI installation. Same as the installation name in the RPI core data element stored in Military Department inventory systems. **Data Type:** Character **Length:** 100 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
INST_UN_ID	**Description:** (Alternate Key) RPI core data element, from RPI "Site" table, included in the geospatial data model to associate parcels with their parent installation. **Data Type:** Character **Length:** 18 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
INST_IND_D	**Description:** Indicates if the site is associated with a virtual installation. A value of Y indicates the site is associated with virtual installation. A value of N indicates the site is not associated with a virtual installation. Valid values are those included in the SDS domain list which can be found in Appendix D. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_boolen **Precision:** **Scale:**

INST_REG_D	**Description:** The command code associated with the site. Same as the command code name in the RPI core data element stored in Military Department inventory systems. Valid values are those included in the SDS domain list which can be found in Appendix D. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_commnd **Precision:** **Scale:**
SERVICE_ID	**Description:** The two-digit Marine Corp installation code for each installation or site (multiple sites may be referenced by the same Marine Corp installation code). The value shall be entered in upper-case. Examples include "CP" for MCAS Cherry Point and "TP" for MAGTFTC 29 Palms. See Appendix C. SERVICE_ID is a custom field, definition: character, 2, appended to the end of the SDSFIE table as the first custom field. **Data Type:** Character **Length:** 2 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
USER_UIC	**Description:** This field will hold the 6-digit user UIC, which indicates the installation that uses the boundary polygon. Examples include "M62573" for MCAS New River and "M67001" for MCB Camp Lejeune. See Appendix C. USER_UIC is a custom field, definition: character, 6, appended to the end of the SDSFIE table as the second custom field. **Data Type:** Character **Length:** 6

	Allow Null Values: No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
ACTIVITY_UIC	**Description:** This field will hold the 6-digit activity UIC, which indicates the installation that owns the boundary polygon. Examples include "M67001" for MCAS New River and "M67001" for MCB Camp Lejeune. See Appendix C. ACTIVITY_UIC is a custom field, definition: character, 6, appended to the end of the SDSFIE table as the third custom field. **Data Type:** Character **Length:** 6 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**

3.4.2 dod_rpi_disposal_area

3.4.2.1 Description

All activities associated with the final disposition of an asset, including land. It includes, but is not limited to, reassignment to other DoD entities, transfer to another DoD or non-DoD entity, exchange, donation, loss by disaster, demolition, and sale.

3.4.2.2 Drivers

- Internet Navy Facilities Assets Data Store (iNFADS)

3.4.2.3 File Name and Attributes

SDSFIE Entity Set:	cadastre
ESRI Feature Dataset:	cadastre
SDSFIE Entity Class:	cadastre_real_estate

SDSFIE Entity Type:	dod_rpi_disposal_area
ESRI Feature Class:	dod_rpi_disposal_area
SDSFIE Table:	cddoddis
Object Type:	Polygon
Required Attributes: The CDDODDIS table contains 12 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
RPI_DI_ID	**Description:** (Primary Key) Uniquely identifies each parcel and foreign key facilitating relational join to associated RPI core data elements stored in Military Department inventory systems. **Data Type:** Character **Length:** 18 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
RPSU_ID	**Description:** (Foreign Key) Facilitating spatial relationship to polygons in the recommended RPI Sites theme and facilitating relational join to associated RPI core data elements for sites in the Military Department inventory systems.

	Data Type: Character **Length:** 18 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
LND_ACQ_ID	**Description:** (Alternate key) Storing legacy (pre-RPUID) parcel identifiers to facilitate relational join to existing real estate data stored in the "as-is" Military Department inventory systems. **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
INST_UN_ID	**Description:** (Alternate Key) RPI core data element, from RPI "Site" table, included in the geospatial data model to associate parcels with their parent installation. **Data Type:** Character **Length:** **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
EXCLUSE_D	**Description:** Identifies land parcels in which DoD retains the right for exclusive use or command-and-control. Valid values are those included in the SDS domain list which can be found in Appendix D. **Data Type:** Character **Length:** 16 **Allow Null Values:** No

	Default Value: **Assigned Domain:** d_exctyp **Precision:** **Scale:**
LAND_AREA	**Description:** The authoritative source for land parcel size as recorded on the deed or legal instrument. **Data Type:** Double Precision **Length:** **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** 38 **Precision:** 8 **Scale:**
LDAREA_U_D	**Description:** Records the unit of measure for land parcels as recorded on the deed or legal instrument. Valid values are those included in the SDS domain list which can be found in Appendix D. **Data Type:** Character **Length:** 16 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** d_uomare **Precision:** **Scale:**
AREA_SIZE	**Description:** The area of each parcel in acres as calculated using GIS tools. **Data Type:** Double Precision **Length:** **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** 38 **Scale:** 8
AREA_U_D	**Description:** The unit of measure for the area size field. Valid values are those included in the SDS domain list which can be

	found in Appendix D. **Data Type:** Character **Length:** 16 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** d_uomare **Precision:** **Scale:**
DISPOS_ID	**Description:** (Alternate Key) Used to link to Excess and Disposal tables in the RPI logical data model. **Data Type:** Character **Length:** 18 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**

3.4.3 dod_rpi_land_parcel_area

3.4.3.1 Description

Represents the researched boundaries of land in which DoD holds fee-simple title (owned) or has retained certain less-than-fee surface rights and interests (non-owned).

3.4.3.2 Drivers

- Internet Navy Facilities Assets Data Store (iNFADS)

3.4.3.3 File Name and Attributes

SDSFIE Entity Set:	cadastre
ESRI Feature Dataset:	cadastre
SDSFIE Entity Class:	cadastre_federal_dod_property
SDSFIE Entity Type:	dod_rpi_land_parcel_area

ESRI Feature Class:	dod_rpi_land_parcel_area
SDSFIE Table:	cddodpar
Object Type:	Polygon
Required Attributes: The CDDODPAR table contains 13 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
RPAU_ID	**Description:** (Primary Key) Uniquely identifies each parcel and foreign key facilitating relational join to associated RPI core data elements stored in Military Department inventory systems. **Data Type:** Character **Length:** 18 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
RPSU_ID	**Description:** (Foreign Key) Facilitating spatial relationship to polygons in the recommended RPI Sites theme and facilitating relational join to associated RPI core data elements for sites in the Military Department inventory systems. **Data Type:** Character **Length:** 18 **Allow Null Values:** No

	Default Value: **Assigned Domain:** **Precision:** **Scale:**
LND_ACQ_ID	**Description:** (Alternate key) Storing legacy (pre-RPUID) parcel identifiers to facilitate relational join to existing real estate data stored in the "as-is" Military Department inventory systems. **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
INST_UN_ID	**Description:** (Alternate Key) RPI core data element, from RPI "Site" table, included in the geospatial data model to associate parcels with their parent installation. **Data Type:** Character **Length:** **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
RPA_INT_D	**Description:** Designates the type of interest DoD has in each real property asset and is essential for non-owned asset stewardship and financial accounting and reporting. Valid values are those included in the SDS domain list which can be found in Appendix D. **Data Type:** Character **Length:** 34 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_rpatyp **Precision:**

	Scale:
EXCLUSE_D	**Description:** Identifies land parcels in which DoD retains the right for exclusive use or command-and-control. Valid values are those included in the SDS domain list which can be found in Appendix D. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_exctyp **Precision:** **Scale:**
LAND_AREA	**Description:** The authoritative source for land parcel size as recorded on the deed or legal instrument. **Data Type:** Double Precision **Length:** **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** 38 **Precision:** 8 **Scale:**
LDAREA_U_D	**Description:** Records the unit of measure for land parcels as recorded on the deed or legal instrument. Valid values are those included in the SDS domain list which can be found in Appendix D. **Data Type:** Character **Length:** 16 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** d_uomare **Precision:** **Scale:**
AREA_SIZE	**Description:** The area of each parcel in acres as calculated using GIS tools. **Data Type:** Double Precision

	Length: **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** 38 **Scale:** 8
AREA_U_D	**Description:** The unit of measure for the area size field. Valid values are those included in the SDS domain list which can be found in Appendix D. **Data Type:** Character **Length:** 16 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** d_uomare **Precision:** **Scale:**
RPI_INT_D	**Description:** The ownership status of a DoD interest land parcel. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_rpiown **Precision:** **Scale:**

3.4.4 dod_rpi_outgrant_area

3.4.4.1 Description

Conveys/authorizes the use of a DoD-managed real property item to either a government agency or private entity for a specified consideration. Outgrants temporarily convey use rights and potentially some management responsibilities, but at the end of the terms of the agreement, the property remains with the original land owner.

3.4.4.2 Drivers

- Internet Navy Facilities Assets Data Store (iNFADS)

3.4.4.3 File Name and Attributes

SDSFIE Entity Set:	cadastre
ESRI Feature Dataset:	cadastre
SDSFIE Entity Class:	cadastre_federal_dod_property
SDSFIE Entity Type:	dod_rpi_outgrant_area
ESRI Feature Class:	dod_rpi_outgrant_area
SDSFIE Table:	cddodout
Object Type:	Polygon
Required Attributes: The CDDODOUT table contains 5 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
INSTR_ID	**Description:** (Primary Key) Uniquely identifies each parcel and the instrument which defines its existence. **Data Type:** Character **Length:** 18 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
AREA_SIZE	**Description:** The area of each parcel in acres as calculated using GIS tools. **Data Type:** Double Precision **Length:** **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** 38 **Scale:** 8
AREA_U_D	**Description:** The unit of measure for the area size field. Valid values are those included in the SDS domain list which can be found in Appendix D. **Data Type:** Character **Length:** 16

	Allow Null Values: Yes **Default Value:** **Assigned Domain:** d_uomare **Precision:** **Scale:**

3.5 COMMUNICATIONS

3.5.1 communications_other_type_cable_line

3.5.1.1 Description

A communication cable line is a physical media used to provide transmission of communications signals.

3.5.1.2 Drivers

- Naval Facilities Engineering Services Command (NFESC) – Explosive Safety Siting (ESS)

3.5.1.3 File Name and Attributes

SDSFIE Entity Set:	communications
ESRI Feature Dataset:	communications
SDSFIE Entity Class:	communications_cable_trans
SDSFIE Entity Type:	communications_other_type_cable_line
ESRI Feature Class:	comm_other_type_cable_line
SDSFIE Table:	coctrocl
Object Type:	Polyline
Required Attributes: The COCTROCL table contains 36 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
COOTHER_ID	**Description:** (Primary Key) Unique identifier for each communication cable line segment. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:**

	Precision: **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
CAB_USE _D	**Description:** Subtype – The type use of the communication cable lines. Valid values are those included in the SDS domain list which can be found in Appendix D. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_cabuse **Precision:** **Scale:**

3.5.2 communications_manhole_point

3.5.2.1 Description

A communication manhole point is a subsurface chamber, large enough for a person to enter, in the route of one or more duct runs, and affording facilities for placing and maintaining the runs, conductors, cables, and associated apparatus.

3.5.2.2 Drivers

3.5.2.3 File Name and Attributes

SDSFIE Entity Set:	communications
ESRI Feature Dataset:	communications
SDSFIE Entity Class:	communications_enclosed_struct
SDSFIE Entity Type:	communications_manhole_point
ESRI Feature Class:	comm_manhole_point
SDSFIE Table:	coestmhl

Object Type:	Point
Required Attributes: The COESTMHL table contains 49 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
COMHL_ID	**Description:** (Primary Key) Unique identifier for each communication manhole point. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**

3.5.3 communications_antenna_point

3.5.3.1 Description

A communication antenna point is a metallic apparatus used to send or receive communication signals.

3.5.3.2 Drivers

3.5.3.3 File Name and Attributes

SDSFIE Entity Set:	communications
ESRI Feature Dataset:	communications
SDSFIE Entity Class:	communications_device

SDSFIE Entity Type:	communications_antenna_point
ESRI Feature Class:	comm_antenna_point
SDSFIE Table:	codevant
Object Type:	Point
Required Attributes: The CODEVANT table contains 91 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
ANTENNA_ID	**Description:** (Primary Key) Unique identifier for each communication antenna point. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
ANT_TY_D	**Description:** Subtype – The type of communications antenna. Valid values are those included in the SDS domain list which can be found in Appendix D. The following values will be added to "d_coant": "Other", and "Unknown".

	Other – The type of antenna is not listed. Unknown – The type of antenna is unknown. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_coant **Precision:** **Scale:**
HEIGHT	**Description:** The overall height of the antenna. **Data Type:** Double Precision **Length:** **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
HEIGHT_U_D	**Description:** The unit of measure for height. Valid values are those included in the SDS domain list which can be found in Appendix D. **Data Type:** Character **Length:** 16 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** d_uomdis **Precision:** **Scale:**

3.6 CULTURAL

3.6.1 archeological_artifact_point

3.6.1.1 Description

An archeological artifact is an object of archeological significance which, due to their size or nature, has not been removed from the site.

3.6.1.2 Drivers

3.6.1.3 File Name and Attributes

SDSFIE Entity Set:	cultural
ESRI Feature Dataset:	cultural
SDSFIE Entity Class:	cultural_archeological
SDSFIE Entity Type:	archeological_artifact_point
ESRI Feature Class:	archeological_artifact_point
SDSFIE Table:	crarcart
Object Type:	Point
Required Attributes: The CRARCART table contains 21 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
ARCHART_ID	**Description:** (Primary Key) Unique identifier for each artifact point. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:**

	Assigned Domain: **Precision:** **Scale:**
ART_TYPE_D	**Description:** Subtype – The type of artifact that was found. Valid values are those included in the SDS domain list which can be found in Appendix D. The following values will be added to "d_arttyp": "Other". Other – The type artifact found is not listed. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_arttyp **Precision:** **Scale:**
FEAT_NAME	**Description:** Name for the artifact that was found. **Data Type:** Character **Length:** 30 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
DATE_FOUND	**Description:** Date that the artifact was found. Format "YYYYMMDD". **Data Type:** Integer **Length:** **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** 10 **Scale:**
NARRATIVE	**Description:** A description or other unique information concerning the artifact.

	Data Type: Character **Length:** 240 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**

3.6.2 terrestrial_archeological_area

3.6.2.1 Description

This description was created by the GEO*Fidelis* Program and differs from SDSFIE 2.600.

A terrestrial archeological area is the location of an archeological site that is either on the National Register of Historic Places or determined eligible for inclusion on the National Register. This will included terrestrial and marine archeological sites.

3.6.2.2 Drivers

3.6.2.3 File Name and Attributes

SDSFIE Entity Set:	cultural
ESRI Feature Dataset:	cultural
SDSFIE Entity Class:	cultural_archeological
SDSFIE Entity Type:	terrestrial_archeological_area
ESRI Feature Class:	terrest_archeological_area
SDSFIE Table:	crarcsit
Object Type:	Polygon
Required Attributes: The CRARCSIT table contains 88 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	

SITE_ID	**Description:** (Primary Key) Unique identifier for each archeological area polygon. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
DATE_ESTAB	**Description:** The date the archeological area was established. Format "YYYYMMDD". **Data Type:** Integer **Length:** **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** 10 **Scale:**
AFFIL_D	**Description:** Subtype – The time frame for the artifacts that were found in the archeological area. Valid values are those included in the SDS domain list which can be found in Appendix D. The following values will be added to "d_dculpd": "Other", and "Unknown". Other – The time period for the archeological area is not listed.

	Unknown – The time period for the archeological area is unknown. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_dculpd **Precision:** **Scale:** 8
SITE_DESIG	**Description:** Primary site designation and official record number. **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
NREG_STT_D	**Description:** National Register Status Code. Valid values are those included in the SDS domain list which can be found in Appendix D. The following values will be added to "d_regstt": "Other". Other – The status on the national register is not listed. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_regstt **Precision:** **Scale:**
NARRATIVE	**Description:** Differentiate between terrestrial archeological areas and marine archeological areas. Valid values: "Terrestrial", "Marine", and "Unknown". **Data Type:** Character **Length:** 240

	Allow Null Values: No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
SITE_DESC	**Description:** Description of the archeological area. **Data Type:** Character **Length:** 60 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
SITE_NAME	**Description:** Name of the archeological area. **Data Type:** Character **Length:** 30 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
AREA_SIZE	**Description:** Area of the archeological area polygon. **Data Type:** Double Precision **Length:** **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** 38 **Scale:** 8
AREA_U_D	**Description:** Units of measure for AREA_SIZE. Valid values are those included in the SDS domain list which can be found in Appendix D. **Data Type:** Character **Length:** 16

	Allow Null Values: Yes **Default Value:** **Assigned Domain:** d_uomare **Precision:** **Scale:**

3.6.3 historic_district_area

3.6.3.1 Description

A historic district area is a group of related buildings or streetscapes that demonstrate the historical development of an area.

3.6.3.2 Drivers

3.6.3.3 File Name and Attributes

SDSFIE Entity Set:	cultural
ESRI Feature Dataset:	cultural
SDSFIE Entity Class:	cultural_historic
SDSFIE Entity Type:	historic_district_area
ESRI Feature Class:	historic_district_area
SDSFIE Table:	crhstdst
Object Type:	Polygon
Required Attributes: The CRHSTDST table contains 53 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
DSTRICT_ID	**Description:** (Primary Key) Unique identifier for each historic district area polygon. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No

	Default Value: **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
DIST_DESC	**Description:** Description of the historic district area. **Data Type:** Character **Length:** 60 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
DIST_NAME	**Description:** Name of the historic district area. **Data Type:** Character **Length:** 30 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
NREG_STT_D	**Description:** National Register Status Code. Valid values are those included in the SDS domain list which can be found in Appendix D. The following values will be added to "d_regstt": "Other". Other – The status on the national register is not listed.

	Data Type: Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_regstt **Precision:** **Scale:**
AREA_SIZE	**Description:** Area of the historic district area polygon. **Data Type:** Double Precision **Length:** **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** 38 **Scale:** 8
AREA_U_D	**Description:** Units of measure for AREA_SIZE. Valid values are those included in the SDS domain list which can be found in Appendix D. **Data Type:** Character **Length:** 16 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** d_uomare **Precision:** **Scale:**
NARRATIVE	**Description:** Miscellaneous information regarding the historic district area. **Data Type:** Character **Length:** 240 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**

3.6.4 historic_feature_area

3.6.4.1 Description

A historic feature is a historically or culturally significant point of interest. This includes monuments, memorials, landmarks, museums, historic markers, interpretive sites, etc.

3.6.4.2 Drivers

3.6.4.3 File Name and Attributes

SDSFIE Entity Set:	cultural
ESRI Feature Dataset:	cultural
SDSFIE Entity Class:	cultural_historic
SDSFIE Entity Type:	historic_feature_area
ESRI Feature Class:	historic_feature_area
SDSFIE Table:	crhstfet
Object Type:	Polygon
Required Attributes: The CRHSTFET table contains 38 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
CRMFEAT_ID	**Description:** (Primary Key) Unique identifier for each historic feature area polygon. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**

META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
FEAT_TYP_D	**Description:** Type of historic feature. Valid values are those included in the SDS domain list which can be found in Appendix D. The following values will be added to "d_culfet": "Other". Other – The type of cultural feature is not listed. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_culfet **Precision:** **Scale:**
FEAT_NAME	**Description:** Name of the historic feature. **Data Type:** Character **Length:** 30 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
HIS_TYP_D	**Description:** Subtype – Who defined the status of historic feature. Valid values are those included in the SDS domain list which can be found in Appendix D. The following values will be added to "d_histyp": "Not Eligible", "Eligible", "Hist Reg", "Nat Hist Lndmrk", and "Unknown". Not Eligible – Feature is not eligible for inclusion on the

	National Register of Historic Places. Eligible – Feature is not currently listed on the National Register of Historic Places but is currently under of review for inclusion. Hist Reg – Feature is listed on the National Register of Historic Places. Nat Hist Lndmrk – Feature is listed on the National Register of Historic Places and is a National Historic Landmark. Unknown – The status of the historic feature is unknown. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_histyp **Precision:** **Scale:**
FEAT_DESC	**Description:** Description of the historic feature. **Data Type:** Character **Length:** 60 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**

3.6.5 cultural_restricted_area

3.6.5.1 Description

A cultural restricted area is an area that needs to be preserved due to the sensitive nature of the archeological or historic site. The area designated as restricted is intended to prevent access or development that will disturb the site.

3.6.5.2 Drivers

3.6.5.3 File Name and Attributes

SDSFIE Entity Set:	cultural
ESRI Feature	cultural

Dataset:	
SDSFIE Entity Class:	cultural_management
SDSFIE Entity Type:	cultural_restricted_area
ESRI Feature Class:	cultural_restricted_area
SDSFIE Table:	crmgtres
Object Type:	Polygon
Required Attributes: The CRMGTRES table contains 24 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
RES_ARE_ID	**Description:** (Primary Key) Unique identifier for each cultural restricted area polygon. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
AREA_NAME	**Description:** Name of the cultural restricted area.

	Data Type: Character **Length:** 30 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
REASON	**Description:** The reason the area is cultural restricted. **Data Type:** Character **Length:** 240 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
AREA_SIZE	**Description:** Area of the cultural restricted area polygon. **Data Type:** Double Precision **Length:** **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** 38 **Scale:** 8
AREA_U_D	**Description:** Units of measure for AREA_SIZE. Valid values are those included in the SDS domain list which can be found in Appendix D. **Data Type:** Character **Length:** 16 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** d_uomare **Precision:** **Scale:**

3.6.6 cultural_survey_area

3.6.6.1 Description

A cultural survey area is a site where detailed investigation has been conducted for cultural resources. This investigation could involve test pits, excavation areas, surface surveys, etc.

3.6.6.2 Drivers

3.6.6.3 File Name and Attributes

SDSFIE Entity Set:	cultural
ESRI Feature Dataset:	cultural
SDSFIE Entity Class:	cultural_management
SDSFIE Entity Type:	cultural_survey_area
ESRI Feature Class:	cultural_survey_area
SDSFIE Table:	crmgtsrv
Object Type:	Polygon
Required Attributes: The CRMGTSRV table contains 50 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
MGTSURV_ID	**Description:** (Primary Key) Unique identifier for each cultural survey area polygon. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**

META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
AREA_NAME	**Description:** Name of the cultural survey area. **Data Type:** Character **Length:** 30 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
AREA_SIZE	**Description:** Area of the cultural survey area polygon. **Data Type:** Double Precision **Length:** **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** 38 **Scale:** 8
AREA_U_D	**Description:** Units of measure for AREA_SIZE. Valid values are those included in the SDS domain list which can be found in Appendix D. **Data Type:** Character **Length:** 16 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** d_uomare **Precision:**

	Scale:
NARRATIVE	**Description:** A description of cultural resource survey area. **Data Type:** Character **Length:** 240 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
SURV_DESC	**Description:** Distinguish between areas that have recorded or cleared. Valid values are; “Cleared”, “Recorded”, “Other”, and “Unknown”. **Data Type:** Character **Length:** 60 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**

3.7 ECOLOGY

3.7.1 ecology_habitat_area

3.7.1.1 Description

An ecology habitat area is a location that supports a particular ecological community or population set.

3.7.1.2 Drivers

- Range Environmental Vulnerability Assessment (REVA)

3.7.1.3 File Name and Attributes

SDSFIE Entity Set:	ecology
ESRI Feature Dataset:	ecology
SDSFIE Entity Class:	ecology_habitat

SDSFIE Entity Type:	ecology_habitat_area
ESRI Feature Class:	ecology_habitat_area
SDSFIE Table:	echabaqu
Object Type:	Polygon
Required Attributes: The ECHABAQU table contains 33 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
ECHAB_ID	**Description:** (Primary Key) Unique identifier for each ecology habitat area polygon. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
HAB_NUM	**Description:** Installation defined ecology habitat number. **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes

	Default Value: **Assigned Domain:** **Precision:** **Scale:**
REGISTRY_D	**Description:** Type of registry for the habitat. Valid values are those included in the SDS domain list which can be found in Appendix D. The following values will be added to "d_reglst": "Other", and "Unknown". Other – The registry is not listed. Unknown – The registry is unknown. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_reglst **Precision:** **Scale:**
AREA_SIZE	**Description:** Area of the ecology habitat area polygon. **Data Type:** Double Precision **Length:** **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** 38 **Scale:** 8
AREA_U_D	**Description:** Units of measure for AREA_SIZE. Valid values are those included in the SDS domain list which can be found in Appendix D. **Data Type:** Character **Length:** 16 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** d_uomare **Precision:** **Scale:**

NARRATIVE	**Description:** A description or other unique information regarding the ecology habitat area. **Data Type:** Character **Length:** 240 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
HABCAT_D	**Description:** The habitat designation. Valid values are those included in the SDS domain list which can be found in Appendix D. The following value will be added to "d_sphtyp": "Other". Other – The habitat designation is not listed. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_sphtyp **Precision:** **Scale:**
HAB_USE_D	**Description:** Specific use of the ecology habitat area. Valid values are those included in the SDS domain list which can be found in Appendix D. The following values will be added to "d_habuse": "Eating", "Foraging", "Other", and "Unknown". Eating – The ecology habitat area is used for eating. Foraging – The ecology habitat area is used for foraging. Other – The use of the ecology habitat area is not listed. Unknown – The use of the ecology habitat area is unknown. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_habuse **Precision:**

	Scale:
HAB_TYP_D	**Description:** Type of habitat in the ecology habitat area. Valid values are those included in the SDS domain list which can be found in Appendix D. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_habtyp **Precision:** **Scale:**
DATE_SAMPL	**Description:** The date a sample was last collected. Format "YYYYMMDD". **Data Type:** Integer **Length:** **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** 10 **Scale:**

3.7.2 marine_protected_area

3.7.2.1 Description

This entity type is not part of the SDSFIE 2.600 data model and was created by the GEO*Fidelis* Program.

A marine protected area is any area of the marine environment that has been reserved by Federal, State, territorial, tribal, or local laws or regulations to provide lasting protection for part or all of the natural and cultural resources therein.

3.7.2.2 Drivers

3.7.2.3 File Name and Attributes

SDSFIE Entity Set:	ecology
ESRI Feature Dataset:	ecology

SDSFIE Entity Class:	ecology_habitat
SDSFIE Entity Type:	marine_protected_area
ESRI Feature Class:	marine_protected_area
SDSFIE Table:	echabmpa
Object Type:	Polygon
Required Attributes: The ECHABMPA table contains 11 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
MARPROT_ID	**Description:** (Primary Key) Unique identifier for each marine protected area polygon. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
AREA_SIZE	**Description:** Area of the marine protected area polygon. **Data Type:** Double Precision

	Length: **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** 38 **Scale:** 8
AREA_U_D	**Description:** Units of measure for AREA_SIZE. Valid values are those included in the SDS domain list which can be found in Appendix D. **Data Type:** Character **Length:** 16 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** d_uomare **Precision:** **Scale:**
RESERVED_D	**Description:** Who defined the marine environment as protected. Valid values are those included in the GEO*Fidelis* defined domain list. The following values will be included: "Federal", "State", "Territorial", "Tribal", "Local", "Other", and "Unknown". **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_rserve **Precision:** **Scale:**
NARRATIVE	**Description:** Miscellaneous information regarding the marine protected area. **Data Type:** Character **Length:** 240 **Allow Null Values:** No **Default Value:** **Assigned Domain:**

	Precision: **Scale:**

3.8 ENVIRONMENTAL_HAZARDS

3.8.1 air_emissions_source_point

3.8.1.1 Description

An air emissions source point is a specific point where an air emission originates (e.g., one chimney).

3.8.1.2 Drivers

3.8.1.3 File Name and Attributes

SDSFIE Entity Set:	environmental_hazards
ESRI Feature Dataset:	env_haz_pollution_control
SDSFIE Entity Class:	env_haz_air_pollution
SDSFIE Entity Type:	air_emissions_source_point
ESRI Feature Class:	air_emission_source_point
SDSFIE Table:	ehairasp
Object Type:	Point
Required Attributes: The EHAIRASP table contains 18 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
DUSABAT_ID	**Description:** (Primary Key) Unique identifier for each dust abatement area polygon. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:**

	Scale:
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
FEAT_DESC	**Description:** The type of emissions coming for the source point. **Data Type:** Character **Length:** 60 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
NARRATIVE	**Description:** Miscellaneous information regarding the air emissions source point. **Data Type:** Character **Length:** 240 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**

3.8.2 dust_abatement_area

3.8.2.1 Description

This entity type is not part of the SDSFIE 2.600 data model and was created by the GEO*Fidelis* Program.

A dust abatement area is a specific area were dust is generated or an area where dust abatement methods are in place.

3.8.2.2 Drivers

3.8.2.3 File Name and Attributes

SDSFIE Entity Set:	environmental_hazards
ESRI Feature Dataset:	env_haz_pollution_control
SDSFIE Entity Class:	env_haz_air_pollution
SDSFIE Entity Type:	dust_abatement_area
ESRI Feature Class:	dust_abatement_area
SDSFIE Table:	ehairdaa
Object Type:	Polygon
Required Attributes: The EHAIRDAA table contains 11 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
AIRASP_ID	**Description:** (Primary Key) Unique identifier for each air emissions source point. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:**

	Assigned Domain: **Precision:** **Scale:**
FEAT_DESC	**Description:** Distinguish between areas that generate dust and areas where dust abatement methods are in place. Valid values are: “Dust”, and “Abatement”. Dust – This area generates dust. Abatement – This area generates dust and has abatement methods in place. **Data Type:** Character **Length:** 60 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
METH_DESC	**Description:** Type of abatement methods in place. **Data Type:** Character **Length:** 60 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
NARRATIVE	**Description:** Miscellaneous information regarding the dust abatement area. **Data Type:** Character **Length:** 240 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
AREA_SIZE	**Description:** Area of the dust abatement area polygon.

	Data Type: Double Precision **Length:** **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** 38 **Scale:** 8
AREA_U_D	**Description:** Units of measure for AREA_SIZE. Valid values are those included in the SDS domain list which can be found in Appendix D. **Data Type:** Character **Length:** 16 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** d_uomare **Precision:** **Scale:**

3.8.3 building_enviornmental_concern_point

3.8.3.1 Description

A building environmental concern point is the site of building or structure which contains one or more building environmental hazards.

3.8.3.2 Drivers

3.8.3.3 File Name and Attributes

SDSFIE Entity Set:	environmental_hazards
ESRI Feature Dataset:	env_haz_building_env
SDSFIE Entity Class:	env_haz_building_env_concern
SDSFIE Entity Type:	building_environmental_concern_point
ESRI Feature Class:	building_env_concern_point
SDSFIE Table:	ehbdhbdh

Object Type:	Point
Required Attributes: The EHBDHBDH table contains 21 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
BDHDBH_ID	**Description:** (Primary Key) Unique identifier for each building environmental concern point. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
FACIL_NO	**Description:** The alphanumeric identifier of the structure or building that is stored in iNFADS as the facility number. FACIL_NO is a custom field, definition: character, 20, appended to the end of the SDSFIE table as the first custom field. **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:**

	Assigned Domain: **Precision:** **Scale:**
ROOM_NO	**Description:** The alphanumeric identifier of the room associated with the environmental concern. ROOM_NO is a custom field, definition: character, 20, appended to the end of the SDSFIE table as the second custom field. **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
NARRATIVE	**Description:** Miscellaneous information regarding the building environmental concern point. **Data Type:** Character **Length:** 240 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**

3.8.4 air_sample_collection_location_point

3.8.4.1 Description

This entity type is not part of the SDSFIE 2.600 data model and was created by the GEO*Fidelis* Program.

An air sample collection location point is the physical location at which an air sample is taken.

3.8.4.2 Drivers

3.8.4.3 File Name and Attributes

SDSFIE Entity Set:	environmental_hazards

ESRI Feature Dataset:	env_haz_characterization
SDSFIE Entity Class:	env_haz_characterization
SDSFIE Entity Type:	air_sample_collection_location_point
SDSFIE Table:	ehchaasc
ESRI Feature Class:	air_sample_loc_point
Object Type:	Point
Required Attributes: The EHCHAASC table contains 11 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
CHAASP_ID	**Description:** (Primary Key) Unique identifier for each air sample collection location point. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**

LOCDESC	**Description:** Descriptor providing any additional information to describe the sampling location in text format (e.g., monitoring well located 10 feet northeast of building 624 within spill area). **Data Type:** Character **Length:** 240 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
DATE_LAST	**Description:** The date a sample was last collected. Format "YYYYMMDD". **Data Type:** Integer **Length:** **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** 10 **Scale:**
ESTDATE	**Description:** The date the sampling location point was established. Format "YYYYMMDD". **Data Type:** Integer **Length:** **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** 10 **Scale:**
NARRATIVE	**Description:** Miscellaneous information regarding the air sample collection location point. **Data Type:** Character **Length:** 240 **Allow Null Values:** No **Default Value:**

	Assigned Domain: **Precision:** **Scale:**

3.8.5 groundwater_sample_collection_location_point

3.8.5.1 Description

This entity type is not part of the SDSFIE 2.600 data model and was created by the GEO*Fidelis* Program.

A groundwater sample collection location point is the physical location at which a groundwater sample is taken.

3.8.5.2 Drivers

- Range Environmental Vulnerability Assessment (REVA)

3.8.5.3 File Name and Attributes

SDSFIE Entity Set:	environmental_hazards
ESRI Feature Dataset:	env_haz_characterization
SDSFIE Entity Class:	env_haz_characterization
SDSFIE Entity Type:	groundwater_sample_collection_location_point
ESRI Feature Class:	groundwater_sample_loc_point
SDSFIE Table:	ehchagsc
Object Type:	Point
Required Attributes: The EHCHAGSC table contains 11 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
CHAGWSP_ID	**Description:** (Primary Key) Unique identifier for each groundwater sample collection location point. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20

	Allow Null Values: No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
LOCDESC	**Description:** Descriptor providing any additional information to describe the sampling location in text format (e.g., monitoring well located 10 feet northeast of building 624 within spill area). **Data Type:** Character **Length:** 240 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
DATE_LAST	**Description:** The date a sample was last collected. Format "YYYYMMDD". **Data Type:** Integer **Length:** **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** 10 **Scale:**

ESTDATE	**Description:** The date the sampling location point was established. Format "YYYYMMDD". **Data Type:** Integer **Length:** **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** 10 **Scale:**
NARRATIVE	**Description:** Miscellaneous information regarding the groundwater sample collection location point. **Data Type:** Character **Length:** 240 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**

3.8.6 soil_sample_collection_location_point

3.8.6.1 Description

This entity type is not part of the SDSFIE 2.600 data model and was created by the GEO*Fidelis* Program.

A soil sample collection location point is the physical location at which a soil sample is taken.

3.8.6.2 Drivers

3.8.6.3 File Name and Attributes

SDSFIE Entity Set:	environmental_hazards
ESRI Feature Dataset:	env_haz_characterization
SDSFIE Entity Class:	env_haz_characterization
SDSFIE Entity Type:	soil_sample_collection_location_point

ESRI Feature Class:	soil_sample_loc_point
SDSFIE Table:	ehchassc
Object Type:	Point
Required Attributes: The EHCHASSC table contains 11 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
CHASSSP_ID	**Description:** (Primary Key) Unique identifier for each soil sample collection location point. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
LOCDESC	**Description:** Descriptor providing any additional information to describe the sampling location in text format (e.g., monitoring well located 10 feet northeast of building 624 within spill area). **Data Type:** Character **Length:** 240 **Allow Null Values:** Yes

	Default Value: **Assigned Domain:** **Precision:** **Scale:**
DATE_LAST	**Description:** The date a sample was last collected. Format "YYYYMMDD". **Data Type:** Integer **Length:** **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** 10 **Scale:**
ESTDATE	**Description:** The date the sampling location point was established. Format "YYYYMMDD". **Data Type:** Integer **Length:** **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** 10 **Scale:**
NARRATIVE	**Description:** Miscellaneous information regarding the soil sample collection location point. **Data Type:** Character **Length:** 240 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**

3.8.7 surface_water_sample_collection_location_point

3.8.7.1 Description

This entity type is not part of the SDSFIE 2.600 data model and was created by the GEO*Fidelis* Program.

A surface water sample collection location point is the physical location at which a surface water sample is taken.

3.8.7.2 Drivers

- Range Environmental Vulnerability Assessment (REVA)

3.8.7.3 File Name and Attributes

SDSFIE Entity Set:	environmental_hazards
ESRI Feature Dataset:	env_haz_characterization
SDSFIE Entity Class:	env_haz_characterization
SDSFIE Entity Type:	surface_water_sample_collection_location_point
ESRI Feature Class:	surface_water_sample_loc_point
SDSFIE Table:	ehchaswc
Object Type:	Point
Required Attributes: The EHCHASWC table contains 11 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
CHASSWP_ID	**Description:** (Primary Key) Unique identifier for each surface water sample collection location point. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:**

	Precision: **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
LOCDESC	**Description:** Descriptor providing any additional information to describe the sampling location in text format (e.g., monitoring well located 10 feet northeast of building 624 within spill area). **Data Type:** Character **Length:** 240 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
DATE_LAST	**Description:** The date a sample was last collected. Format "YYYYMMDD". **Data Type:** Integer **Length:** **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** 10 **Scale:**
ESTDATE	**Description:** The date the sampling location point was established. Format "YYYYMMDD". **Data Type:** Integer **Length:**

	Allow Null Values: Yes **Default Value:** **Assigned Domain:** **Precision:** 10 **Scale:**
NARRATIVE	**Description:** Miscellaneous information regarding the surface water sample collection location point. **Data Type:** Character **Length:** 240 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**

3.8.8 pollution_source_point

3.8.8.1 Description

A pollution release point is the point of origin of a chemical, radioactive, medical, or mixed non-permitted waste discharge, spill, or uncontrolled release which can result in pollution to the environment.

3.8.8.2 Drivers

3.8.8.3 File Name and Attributes

SDSFIE Entity Set:	environmental_hazards
ESRI Feature Dataset:	env_haz_pollution_control
SDSFIE Entity Class:	env_haz_general_pollution
SDSFIE Entity Type:	pollution_source_point
ESRI Feature Class:	pollution_release_point
SDSFIE Table:	ehpolpsp
Object Type:	Point
Required Attributes:	

The EHPOLPSP table contains 87 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
POLPSP_ID	**Description:** (Primary Key) Unique identifier for each pollution source point. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
NARRATIVE	**Description:** A description or other unique information regarding the pollution source point. **Data Type:** Character **Length:** 240 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
FTYPE_D	**Description:** Type of material that is polluting. Valid values are those included in the SDS domain list which can be found in Appendix D. The following values will be added to

	"d_mstyp": "Other", and "Unknown". Other – The type of pollutant is not listed. Unknown – The type of pollutant is unknown. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_mstyp **Precision:** **Scale:**

3.8.9 groundwater_pollution_plume_area

3.8.9.1 Description

A groundwater pollution plume area is an area on either a two or three dimensional plane in the groundwater which represents a constant measured or modeled pollution chemical constituent value (e.g., concentration) considered to dangerous to the environment.

3.8.9.2 Drivers

3.8.9.3 File Name and Attributes

SDSFIE Entity Set:	environmental_hazards
ESRI Feature Dataset:	env_haz_pollution_control
SDSFIE Entity Class:	env_haz_groundwater_pollution
SDSFIE Entity Type:	groundwater_pollution_plume_area
ESRI Feature Class:	gwt_pollution_plume_area
SDSFIE Table:	ehgwtplu
Object Type:	Polygon
Required Attributes: The EHGWTPLU table contains 27 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain	

empty/null:	
GWTPLU_ID	**Description:** (Primary Key) Unique identifier for each groundwater pollution plume area. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
NARRATIVE	**Description:** Miscellaneous information regarding the groundwater pollution plume area polygon. **Data Type:** Character **Length:** 240 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
AREA_SIZE	**Description:** Area of the groundwater pollution plume area polygon. **Data Type:** Double Precision **Length:** **Allow Null Values:** Yes

	Default Value: **Assigned Domain:** **Precision:** 38 **Scale:** 8
AREA_U_D	**Description:** Units of measure for AREA_SIZE. Valid values are those included in the SDS domain list which can be found in Appendix D. **Data Type:** Character **Length:** 16 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** d_uomare **Precision:** **Scale:**

3.8.10 hazardous_materiels_storage_area

3.8.10.1 Description

A hazardous materiel storage area is a defined area designated for the storage of contained hazardous materials.

3.8.10.2 Drivers

- Naval Treaty Implementation Program (NTIP)

3.8.10.3 File Name and Attributes

SDSFIE Entity Set:	environmental_hazards
ESRI Feature Dataset:	env_haz_hazmat_hazwaste
SDSFIE Entity Class:	env_haz_hazmat_hazwaste
SDSFIE Entity Type:	hazardous_materiels_storage_area
ESRI Feature Class:	hazmat_storage_area
SDSFIE Table:	ehhmwhma
Object Type:	Polygon
Required Attributes:	

The EHHMWHMA table contains 26 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
HMAREA_ID	**Description:** (Primary Key) Unique identifier for each hazardous material storage area. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
NARRATIVE	**Description:** Miscellaneous information regarding the hazardous material storage area polygon. **Data Type:** Character **Length:** 240 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
FEAT_NAME	**Description:** Name of the hazardous material storage area. **Data Type:** Character

	Length: 80 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
AREA_SIZE	**Description:** Area of the hazardous material storage area polygon. **Data Type:** Double Precision **Length:** **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** 38 **Scale:** 8
AREA_U_D	**Description:** Units of measure for AREA_SIZE. Valid values are those included in the SDS domain list which can be found in Appendix D. **Data Type:** Character **Length:** 16 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** d_uomare **Precision:** **Scale:**

3.8.11 hazardous_material_storage_location_point

3.8.11.1 Description

A hazardous material storage location is the location where hazardous materials are stored.

3.8.11.2 Drivers

- Naval Treaty Implementation Program (NTIP)

3.8.11.3 File Name and Attributes

SDSFIE Entity Set:	environmental_hazards
ESRI Feature Dataset:	env_haz_hazmat_hazwaste
SDSFIE Entity Class:	env_haz_hazmat_hazwaste
SDSFIE Entity Type:	hazardous_materiels_storage_location_point
ESRI Feature Class:	hazmat_storage_location_point
SDSFIE Table:	ehhmwhml
Object Type:	Point
Required Attributes: The EHHMWHML table contains 33 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
HAZMAT_ID	**Description:** (Primary Key) Unique identifier for each hazardous materials storage location point. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
NARRATIVE	**Description:** Miscellaneous information regarding the hazardous material storage area polygon. **Data Type:** Character **Length:** 240 **Allow Null Values:** Yes

	Default Value: **Assigned Domain:** **Precision:** **Scale:**

3.8.12 hazardous_waste_storage_location_point

3.8.12.1 Description

A hazardous waste storage location is a location points or areas where hazardous waste is stored.

3.8.12.2 Drivers

- Naval Treaty Implementation Program (NTIP)

3.8.12.3 File Name and Attributes

SDSFIE Entity Set:	environmental_hazards
ESRI Feature Dataset:	env_haz_hazmat_hazwaste
SDSFIE Entity Class:	env_haz_hazmat_hazwaste
SDSFIE Entity Type:	hazardous_waste_storage_location_point
ESRI Feature Class:	hazwaste_storage_loc_point
SDSFIE Table:	ehhmwhsl
Object Type:	Point
Required Attributes: The EHHMWHSL table contains 23 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
HAZSTO_ID	**Description:** (Primary Key) Unique identifier for each hazardous waste storage location point. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**

META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
NARRATIVE	**Description:** Miscellaneous information regarding the hazardous waste storage area polygon. **Data Type:** Character **Length:** 240 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**

3.8.13 munition_waste_disposal_area

3.8.13.1 Description

A munitions waste disposal area is a location where munitions waste (conventional, chemical, or biological) has been disposed of (e.g., pit, buried containers, etc.).

3.8.13.2 Drivers

- Naval Facilities Engineering Services Command (NFESC) – Explosive Safety Siting (ESS)

3.8.13.3 File Name and Attributes

SDSFIE Entity Set:	environmental_hazards
ESRI Feature Dataset:	env_haz_remediation
SDSFIE Entity Class:	env_haz_munitions_remediation
SDSFIE Entity Type:	munition_waste_disposal_area
ESRI Feature Class:	munition_waste_disposal_area

SDSFIE Table:	ehmrmmwd
Object Type:	Polygon
Required Attributes: The EHMRMMWD table contains 31 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
MRMMWD_ID	**Description:** (Primary Key) Unique identifier for each munitions waste disposal area. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
AREA_SIZE	**Description:** Area of the munitions waste disposal area polygon. **Data Type:** Double Precision **Length:** **Allow Null Values:** Yes **Default Value:** **Assigned Domain:**

	Precision: 38 **Scale:** 8
AREA_U_D	**Description:** Units of measure for AREA_SIZE. Valid values are those included in the SDS domain list which can be found in Appendix D. **Data Type:** Character **Length:** 16 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** d_uomare **Precision:** **Scale:**
NARRATIVE	**Description:** A description or other unique information concerning the munitions waste disposal area. **Data Type:** Character **Length:** 240 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
REM_REQ_D	**Description:** Is a remediation project or further action required? Valid values are those included in the SDS domain list which can be found in Appendix D. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_boolen **Precision:** **Scale:**

3.8.14 ordnance_explosive_waste_area

3.8.14.1 Description

An ordnance explosive waste area is an area where ordnance and explosive waste residues are present or buried in the water, soil, or sediment.

3.8.14.2 Drivers

3.8.14.3 File Name and Attributes

SDSFIE Entity Set:	environmental_hazards
ESRI Feature Dataset:	env_haz_remediation
SDSFIE Entity Class:	env_haz_munitions_remediation
SDSFIE Entity Type:	ordnance_explosive_waste_area
ESRI Feature Class:	ordnance_explosive_waste_area
SDSFIE Table:	ehmrmoew
Object Type:	Polygon
Required Attributes: The EHMRMOEW table contains 30 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
MRMOEW_ID	**Description:** (Primary Key) Unique identifier for each ordnance explosive waste area. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**

META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
AREA_SIZE	**Description:** Area of the munitions waste disposal area polygon. **Data Type:** Double Precision **Length:** **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** 38 **Scale:** 8
AREA_U_D	**Description:** Units of measure for AREA_SIZE. Valid values are those included in the SDS domain list which can be found in Appendix D. **Data Type:** Character **Length:** 16 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** d_uomare **Precision:** **Scale:**
NARRATIVE	**Description:** A description or other unique information concerning the ordnance explosive waste area. **Data Type:** Character **Length:** 240 **Allow Null Values:** Yes **Default Value:**

	Assigned Domain: **Precision:** **Scale:**
REM_REQ_D	**Description:** Is a remediation project or further action required? Valid values are those included in the SDS domain list which can be found in Appendix D. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_boolen **Precision:** **Scale:**

3.8.15 operable_unit_area

3.8.15.1 Description

An operable unit area is one or more areas possessing environmental contamination characteristics which are amenable to the same type of remediation, treatment, or management procedure.

3.8.15.2 Drivers

3.8.15.3 File Name and Attributes

SDSFIE Entity Set:	environmental_hazards
ESRI Feature Dataset:	env_haz_remediation
SDSFIE Entity Class:	env_haz_pollution_remediation
SDSFIE Entity Type:	operable_unit_area
ESRI Feature Class:	env_rem_operable_unit_area
SDSFIE Table:	ehremopu
Object Type:	Polygon
Required Attributes: The EHREMOPU table contains 18 attribute fields, all of which must be included but	

not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
REMOPU_ID	**Description:** (Primary Key) Unique identifier for each operable unit area. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
AREA_SIZE	**Description:** Area of the munitions waste disposal area polygon. **Data Type:** Double Precision **Length:** **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** 38 **Scale:** 8
AREA_U_D	**Description:** Units of measure for AREA_SIZE. Valid values are those included in the SDS domain list which can be found in Appendix D. **Data Type:** Character

	Length: 16 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** d_uomare **Precision:** **Scale:**
NARRATIVE	**Description:** A description or other unique information concerning the operable unit area. **Data Type:** Character **Length:** 240 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**

3.8.16 regulated_aboveground_storage_tank_point

3.8.16.1 Description

A receptacle or chamber used for storage of which 90 percent or more is located above the surface of the ground.

3.8.16.2 Drivers

- GEO*Fidelis* Common Installation Picture (CIP)
- Internet Navy Facilities Assets Data Store (iNFADS)
- Naval Facilities Engineering Services Command (NFESC) – Explosive Safety Siting (ESS)

3.8.16.3 File Name and Attributes

SDSFIE Entity Set:	environmental_hazards
ESRI Feature Dataset:	env_haz_regulated_tank
SDSFIE Entity Class:	env_haz_regulated_tanks
SDSFIE Entity Type:	regulated_aboveground_storage_tank_point

ESRI Feature Class:	aboveground_storage_tank_point
SDSFIE Table:	ehtnkast
Object Type:	Polygon
Required Attributes: The EHTNKAST table contains 23 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
ENVAST_ID	**Description:** (Primary Key) Unique identifier for each aboveground storage tank point. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
NARRATIVE	**Description:** A description or other unique information regarding the aboveground storage tank. **Data Type:** Character **Length:** 240 **Allow Null Values:** Yes **Default Value:**

	Assigned Domain: **Precision:** **Scale:**
PRODCT_D	**Description:** The type of the product in the aboveground storage tank. Valid values are those included in the SDS domain list which can be found in Appendix D. The following values will be added to "d_prodct": "Other", and "Unknown". Other – The type of product is not listed. Unknown – The type of product is unknown. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_prodct **Precision:** **Scale:**
SERIAL_NO	**Description:** The manufacturer's serial, or unique identification number of the subject item. **Data Type:** Character **Length:** 15 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
TANK_SYS_D	**Description:** The system or subsystem which the tank belongs. Valid values are those included in the SDS domain list which can be found in Appendix D. The following values will be added to "d_tnksys": "Unknown", and "Industrial_Waste". Unknown – The system is unknown Industrial_Waste – A tank for industrial waste. Additional the definition for "OTHER" will be modified to "The system is not listed." TANK_SYS_D is a custom field, definition: character, 16,

	appended to the end of the SDSFIE table as the first custom field. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_tnksys **Precision:** **Scale:**
STATUS_D	**Description:** The current status of the tank. Valid values are those included in the SDS domain list which can be found in Appendix D. The following values will be added to "d_tkstat": "Unknown", and "Other". Unknown – The status is unknown Other – The status is not listed. STATUS_D is a custom field, definition: character, 16, appended to the end of the SDSFIE table as the second custom field. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_tkstat **Precision:** **Scale:**
REGULAT_D	**Description:** A Boolean indicating whether the tank is regulated. Valid values are those included in the SDS domain list which can be found in Appendix D. REGULAT_D is a custom field, definition: character, 16, appended to the end of the SDSFIE table as the third custom field. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_boolen

	Precision: **Scale:**
VOLUME	**Description:** The volume capacity of the tank. **Data Type:** Integer **Length:** **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
VOLUME_U_D	**Description:** Units of measure of volume. Valid values are those included in the SDS domain list which can be found in Appendix D. **Data Type:** Character **Length:** 16 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** d_uomvol **Precision:** **Scale:**

3.8.17 regulated_underground_storage_tank_point

3.8.17.1 Description

A receptacle or chamber used for storage of which 10 percent or more is located below the surface of the ground.

3.8.17.2 Drivers

- GEO*Fidelis* Common Installation Picture (CIP)
- Internet Navy Facilities Assets Data Store (iNFADS)
- Naval Facilities Engineering Services Command (NFESC) – Explosive Safety Siting (ESS)

3.8.17.3 File Name and Attributes

SDSFIE Entity Set:	environmental_hazards
ESRI Feature Dataset:	env_haz_regulated_tank

SDSFIE Entity Class:	env_haz_regulated_tanks
SDSFIE Entity Type:	regulated_underground_storage_tank_point
ESRI Feature Class:	underground_storage_tank_point
SDSFIE Table:	ehtnkust
Object Type:	Polygon
Required Attributes: The EHTNKUST table contains 28 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
ENVUST_ID	**Description:** (Primary Key) Unique identifier for each underground storage tank point. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
NARRATIVE	**Description:** A description or other unique information regarding the underground storage tank.

	Data Type: Character **Length:** 240 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
PRODCT_D	**Description:** The type of the product in the underground storage tank. Valid values are those included in the SDS domain list which can be found in Appendix D. The following values will be added to "d_prodct": "Other", and "Unknown". Other – The type of product is not listed. Unknown – The type of product is unknown. PRODCT_D is a custom field, definition: character, 16, appended to the end of the SDSFIE table as the first custom field. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_prodct **Precision:** **Scale:**
SERIAL_NO	**Description:** The manufacturer's serial or unique identification number of the subject item. SERIAL_NO is a custom field, definition: character, 15, appended to the end of the SDSFIE table as the second custom field. **Data Type:** Character **Length:** 15 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**

TANK_SYS_D	**Description:** The system or subsystem which the tank belongs. Valid values are those included in the SDS domain list which can be found in Appendix D. The following values will be added to "d_tnksys": "Unknown", and "Industrial_Waste". Unknown – The system is unknown Industrial_Waste – A tank for industrial waste. Additional the definition for "OTHER" will be modified to "The system is not listed." **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_tnksys **Precision:** **Scale:**
STATUS_D	**Description:** The current status of the tank. Valid values are those included in the SDS domain list which can be found in Appendix D. The following values will be added to "d_tkstat": "Unknown", and "Other". Unknown – The status is unknown Other – The status is not listed. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_tkstat **Precision:** **Scale:**
REGULAT_D	**Description:** A Boolean indicating whether the tank is regulated. Valid values are those included in the SDS domain list which can be found in Appendix D. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:**

	Assigned Domain: d_boolen **Precision:** **Scale:**
VOLUME	**Description:** The volume capacity of the tank. **Data Type:** Integer **Length:** **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
VOLUME_U_D	**Description:** Units of measure of volume. Valid values are those included in the SDS domain list which can be found in Appendix D. **Data Type:** Character **Length:** 16 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** d_uomvol **Precision:** **Scale:**

3.8.18 environmental_restoration_area

3.8.18.1 Description

An environmental restoration site is a geographic area where an active environmental study or project is underway to remediate pollutants located in the soil, sediment, surface water, or groundwater.

3.8.18.2 Drivers

- Range Environmental Vulnerability Assessment (REVA)

3.8.18.3 File Name and Attributes

SDSFIE Entity Set:	environmental_hazards
ESRI Feature Dataset:	env_haz_site_mgmt
SDSFIE Entity	env_haz_sites

Class:	
SDSFIE Entity Type:	environmental_restoration_area
ESRI Feature Class:	environmental_restoratn_area
SDSFIE Table:	ehsitirp
Object Type:	Polygon
Required Attributes: The EHSITIRP table contains 74 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
SITIRP_ID	**Description:** (Primary Key) Unique identifier for each environmental restoration area polygon. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
ERSCAT_D	**Description:** Subtype – The type of environmental restoration area. Valid values are those included in the SDS domain list which can be found in Appendix D. The following values will be added to "d_erscat": "Other", and "Unknown". Other – The type of environmental restoration area is not

	listed. Unknown – The type of environmental restoration area is unknown. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_erscat **Precision:** **Scale:**
AREA_SIZE	**Description:** Area of the environmental restoration area polygon. **Data Type:** Double Precision **Length:** **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** 38 **Scale:** 8
AREA_U_D	**Description:** Units of measure for AREA_SIZE. Valid values are those included in the SDS domain list which can be found in Appendix D. **Data Type:** Character **Length:** 16 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** d_uomare **Precision:** **Scale:**
SITE_DESC	**Description:** Description regarding the environmental restoration area. **Data Type:** Character **Length:** 60 **Allow Null Values:** Yes **Default Value:**

	Assigned Domain: **Precision:** **Scale:**
NARRATIVE	**Description:** Miscellaneous information regarding the environmental restoration area polygon. **Data Type:** Character **Length:** 240 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
DATE_FOUND	**Description:** The date the environmental restoration site was formally established. Format "YYYYMMDD". **Data Type:** Integer **Length:** **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** 10 **Scale:**
SITE_NAME	**Description:** Name of the environmental restoration area. **Data Type:** Character **Length:** 30 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**

3.8.19 potential_env_concern_area

3.8.19.1 Description

A potential environmental concern area is a site of suspected environmental contamination.

3.8.19.2 Drivers

3.8.19.3 File Name and Attributes

SDSFIE Entity Set:	environmental_hazards
ESRI Feature Dataset:	env_haz_site_mgmt
SDSFIE Entity Class:	env_haz_sites
SDSFIE Entity Type:	potential_env_concern_area
ESRI Feature Class:	potential_env_concern_area
SDSFIE Table:	ehsitaoc
Object Type:	Polygon
Required Attributes: The EHSITAOC table contains 48 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
SITAOC_ID	**Description:** (Primary Key) Unique identifier for each potential environmental concern area polygon. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes

	Default Value: **Assigned Domain:** **Precision:** **Scale:**
AREA_SIZE	**Description:** Area of the potential environmental concern area polygon. **Data Type:** Double Precision **Length:** **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** 38 **Scale:** 8
AREA_U_D	**Description:** Units of measure for AREA_SIZE. Valid values are those included in the SDS domain list which can be found in Appendix D. **Data Type:** Character **Length:** 16 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** d_uomare **Precision:** **Scale:**
NARRATIVE	**Description:** Miscellaneous information regarding the potential environmental concern area polygon. **Data Type:** Character **Length:** 240 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
DATE_FOUND	**Description:** The date the potential environmental concern area was formally established. Format "YYYYMMDD".

	Data Type: Integer **Length:** **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** 10 **Scale:**

3.8.20 solid_waste_landfill_area

3.8.20.1 Description

A solid waste landfill is a facility or site, permitted by a regulatory authority, which is specifically designed and managed for the land disposal of solid waste.

3.8.20.2 Drivers

3.8.20.3 File Name and Attributes

SDSFIE Entity Set:	environmental_hazards
ESRI Feature Dataset:	env_haz_solid_waste
SDSFIE Entity Class:	env_haz_solid_waste
SDSFIE Entity Type:	solid_waste_landfill_area
ESRI Feature Class:	solid_waste_landfill_area
SDSFIE Table:	ehswmlfl
Object Type:	Polygon
Required Attributes: The EHSWMLFL table contains 67 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
SWMLFL_ID	**Description:** (Primary Key) Unique identifier for each solid waste landfill. This unique ID may be generated in any fashion such that each map feature retains a unique value.

	Data Type: Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
LFILLDIS_D	**Description:** Status of the solid waste landfill. Valid values are those included in the SDS domain list which can be found in Appendix D. The following values will be added to "d_swmdis": "Unknown". Unknown – The status of the solid waste landfill is unknown. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_swmdis **Precision:** **Scale:**
AREA_SIZE	**Description:** Area of the solid waste landfill area polygon. **Data Type:** Double Precision **Length:** **Allow Null Values:** Yes **Default Value:** **Assigned Domain:**

	Precision: 38 **Scale:** 8
AREA_U_D	**Description:** Units of measure for AREA_SIZE. Valid values are those included in the SDS domain list which can be found in Appendix D. **Data Type:** Character **Length:** 16 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** d_uomare **Precision:** **Scale:**
LND_NAME	**Description:** The commonly used name for the solid waste landfill. **Data Type:** Character **Length:** 30 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
LFCLASS_D	**Description:** The type of solid waste landfill. Valid values are those included in the SDS domain list which can be found in Appendix D. The following values will be added to "d_swmcls": "Unknown", and "Other". Unknown – The type of solid waste landfill is unknown. Other – The type of solid waste landfill is not listed. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_swmcls **Precision:** **Scale:**
NARRATIVE	**Description:** Miscellaneous information regarding the solid

	waste landfill area polygon. **Data Type:** Character **Length:** 240 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
OTH_WASTE	**Description:** A description of any other waste which is present in the landfill. **Data Type:** Character **Length:** 30 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**

3.8.21 landfill_gas_collection_well_point

3.8.21.1 Description

A landfill gas collection well is a shaft drilled in the earth for the purpose of collecting and conveying gas from underneath a landfill to the ground's surface.

3.8.21.2 Drivers

- Range Environmental Vulnerability Assessment (REVA)

3.8.21.3 File Name and Attributes

SDSFIE Entity Set:	environmental_hazards
ESRI Feature Dataset:	env_haz_solid_waste
SDSFIE Entity Class:	env_haz_solid_waste
SDSFIE Entity Type:	landfill_gas_collection_well_point
ESRI Feature Class:	landfill_gas_well_point
SDSFIE Table:	ehswmgcw

Object Type:	Point
Required Attributes: The EHSWMGCW table contains 15 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
SWMGCW_ID	**Description:** (Primary Key) Unique identifier for each landfill gas collection well point. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
NARRATIVE	**Description:** Miscellaneous information regarding the landfill gas collection well point. **Data Type:** Character **Length:** 240 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**

3.9 FAUNA

3.9.1 species_forage_area

3.9.1.1 Description

A species forage area is an area where a fauna species or various species of fauna are known to search for food.

3.9.1.2 Drivers

- HQMC LFL – Planning Level Surveys (PLSs)

3.9.1.3 File Name and Attributes

SDSFIE Entity Set:	fauna
ESRI Feature Dataset:	fauna
SDSFIE Entity Class:	fauna_distribution
SDSFIE Entity Type:	species_forage_area
ESRI Feature Class:	species_forage_area
SDSFIE Table:	fadisfor
Object Type:	Polygon
Required Attributes: The FADISFOR table contains 20 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
FORAGE_ID	**Description:** (Primary Key) Unique identifier for each species forage area polygon. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:**

	Precision: **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
AREA_SIZE	**Description:** Area of the species forage area polygon. **Data Type:** Double Precision **Length:** **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** 38 **Scale:** 8
AREA_U_D	**Description:** Units of measure for AREA_SIZE. Valid values are those included in the SDS domain list which can be found in Appendix D. **Data Type:** Character **Length:** 16 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** d_uomare **Precision:** **Scale:**
FEAT_DESC	**Description:** Miscellaneous information regarding the species forage area polygon. **Data Type:** Character **Length:** 60 **Allow Null Values:** Yes

	Default Value: **Assigned Domain:** **Precision:** **Scale:**
FACLASS_D	**Description:** Subtype – Type of species in the species forage area polygon. Valid values are those included in the SDS domain list which can be found in Appendix D. The following values will be added to "d_faclas": "Unknown", and "Other". Unknown – The type of species is unknown. Other – The type of species is not listed. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_faclas **Precision:** **Scale:**

3.9.2 nesting_point

3.9.2.1 Description

This description was created by the GEO*Fidelis* Program and differs from SDSFIE 2.600

A nesting point is a known nesting site of fauna species.

3.9.2.2 Drivers

- HQMC LFL – Planning Level Surveys (PLSs)

3.9.2.3 File Name and Attributes

SDSFIE Entity Set:	fauna
ESRI Feature Dataset:	fauna
SDSFIE Entity Class:	fauna_distribution
SDSFIE Entity Type:	nesting_point

ESRI Feature Class:	nesting_point
SDSFIE Table:	fadisnes
Object Type:	Point
Required Attributes: The FADISNES table contains 27 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
NEST_ID	**Description:** (Primary Key) Unique identifier for each nesting point. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
NEST_TYP_D	**Description:** Subtype – The type of nest. Valid values are those included in the SDS domain list which can be found in Appendix D. The following values will be added to "d_nsttyp": "Unknown", and "Other". Unknown – The type of nest is unknown. Other – The type of nest is not listed. **Data Type:** Character

	Length: 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_nsttyp **Precision:** **Scale:**
STATUS_D	**Description:** The type of nest. Valid values are those included in the SDS domain list which can be found in Appendix D. The following value will be added to "d_usetyp": "Other". Other – The status is not listed. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_usetyp **Precision:** **Scale:**
NARRATIVE	**Description:** The name of the species associated with the nest. **Data Type:** Character **Length:** 240 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**

3.9.3 nesting_area

3.9.3.1 Description

This description was created by the GEO*Fidelis* Program and differs from SDSFIE 2.600.

A nesting area is an area that contains one or more known nesting points.

3.9.3.2 Drivers

- HQMC LFL – Planning Level Surveys (PLSs)

3.9.3.3 File Name and Attributes

SDSFIE Entity Set:	fauna
ESRI Feature Dataset:	fauna
SDSFIE Entity Class:	fauna_distribution
SDSFIE Entity Type:	nesting_area
ESRI Feature Class:	nesting_area
SDSFIE Table:	fadisnes
Object Type:	Polygon
Required Attributes: The FADISNES table contains 27 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
NEST_ID	**Description:** (Primary Key) Unique identifier for each nesting area polygon. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:**

	Precision: **Scale:**
NEST_TYP_D	**Description:** Subtype – The type of nest. Valid values are those included in the SDS domain list which can be found in Appendix D. The following values will be added to "d_nsttyp": "Unknown", and "Other". Unknown – The type of nest is unknown. Other – The type of nest is not listed. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_nsttyp **Precision:** **Scale:**
NARRATIVE	**Description:** Miscellaneous information regarding the nesting area polygon. **Data Type:** Character **Length:** 240 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
AREA_SIZE	**Description:** Area of the nesting area polygon. **Data Type:** Double Precision **Length:** **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** 38 **Scale:** 8
AREA_U_D	**Description:** Units of measure for AREA_SIZE. Valid values are those included in the SDS domain list which can be found in Appendix D.

	Data Type: Character **Length:** 16 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** d_uomare **Precision:** **Scale:**

3.9.4 migration_corridor_line

3.9.4.1 Description

A migration corridor is an area or route along which certain species are known to migrate from one habitat to another.

3.9.4.2 Drivers

3.9.4.3 File Name and Attributes

SDSFIE Entity Set:	fauna
ESRI Feature Dataset:	fauna
SDSFIE Entity Class:	fauna_distribution
SDSFIE Entity Type:	migration_corridor_line
ESRI Feature Class:	migration_corridor_line
SDSFIE Table:	fadismig
Object Type:	Polyline
Required Attributes: The FADISMIG table contains 37 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
MIGRATE_ID	**Description:** (Primary Key) Unique identifier for each migration corridor polyline. This unique ID may be generated in any fashion such that each map feature retains a unique value.

	Data Type: Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
FEAT_DESC	**Description:** A description of the species using the migration corridor. **Data Type:** Character **Length:** 60 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
DATE_MIGRA	**Description:** The date of an observation of migration within the corridor. Format "YYYYMMDD". **Data Type:** Integer **Length:** **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** 10 **Scale:**

FACLASS_D	**Description:** Subtype – Type of species in the migration corridor. Valid values are those included in the SDS domain list which can be found in Appendix D. The following values will be added to "d_faclas": "Unknown", and "Other". Unknown – The type of species is unknown. Other – The type of species is not listed. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_faclas **Precision:** **Scale:**
DATE_START	**Description:** The starting date of the migration. Format for date is "YYYYMMDD". **Data Type:** Integer **Length:** **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
DATE_END	**Description:** The ending date of the migration. Format for date is "YYYYMMDD". **Data Type:** Integer **Length:** **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**

3.9.5 fauna_management_habitat_buffer_zone_area

3.9.5.1 Description

This description was created by the GEO*Fidelis* Program and differs from SDSFIE 2.600.

A fauna management habitat buffer zone is an area surrounding an identified habitat for one or more fauna species.

3.9.5.2 Drivers

- Range Environmental Vulnerability Assessment (REVA)

3.9.5.3 File Name and Attributes

SDSFIE Entity Set:	fauna
ESRI Feature Dataset:	fauna
SDSFIE Entity Class:	fauna_management
SDSFIE Entity Type:	fauna_management_habitat_buffer_zone_area
ESRI Feature Class:	fauna_man_hab_buffer_zone_area
SDSFIE Table:	famgtbuf
Object Type:	Polygon
Required Attributes: The FAMGTBUF table contains 30 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
MGTBUF_ID	**Description:** (Primary Key) Unique identifier for each fauna management habitat buffer zone area polygon. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:**

	Precision: **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
AREA_SIZE	**Description:** Area of the fauna management habitat buffer zone area polygon. **Data Type:** Double Precision **Length:** **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** 38 **Scale:** 8
AREA_U_D	**Description:** Units of measure for AREA_SIZE. Valid values are those included in the SDS domain list which can be found in Appendix D. **Data Type:** Character **Length:** 16 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** d_uomare **Precision:** **Scale:**
NARRATIVE	**Description:** Miscellaneous information regarding the fauna management habitat buffer area polygon. **Data Type:** Character **Length:** 240

	Allow Null Values: Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**

3.9.6 fauna_special_species_area

3.9.6.1 Description

A fauna special species area is a site or location where the specific species associated with the habitat require special attention according to law. These are normally threatened, sensitive, or endangered species habitats.

3.9.6.2 Drivers

- HQMC LFL – Planning Level Surveys (PLSs)
- Range Environmental Vulnerability Assessment (REVA)

3.9.6.3 File Name and Attributes

SDSFIE Entity Set:	fauna
ESRI Feature Dataset:	fauna
SDSFIE Entity Class:	fauna_management
SDSFIE Entity Type:	fauna_special_species_area
ESRI Feature Class:	fauna_special_species_area
SDSFIE Table:	famgtspc
Object Type:	Polygon
Required Attributes: The FAMGTSPC table contains 31 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
FNAHAB_ID	**Description:** (Primary Key) Unique identifier for each fauna special species area polygon. This unique ID may be generated in any fashion such that each map feature retains a

	unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
AREA_SIZE	**Description:** Area of the fauna special species area polygon. **Data Type:** Double Precision **Length:** **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** 38 **Scale:** 8
AREA_U_D	**Description:** Units of measure for AREA_SIZE. Valid values are those included in the SDS domain list which can be found in Appendix D. **Data Type:** Character **Length:** 16 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** d_uomare **Precision:**

	Scale:
DATE_DESIG	**Description:** Date the area was declared a fauna special species area. Format "YYYYMMDD". **Data Type:** Integer **Length:** **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** 10 **Scale:**
HABCAT_D	**Description:** Subtype – The type or classification of the fauna special species area. Valid values are those included in the SDS domain list which can be found in Appendix D. The following value will be added to "d_sphtyp": "Other". Other – The habitat designation is not listed. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_sphtyp **Precision:** **Scale:**
FEAT_DESC	**Description:** A description of the special fauna species. **Data Type:** Character **Length:** 60 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
NARRATIVE	**Description:** Miscellaneous information regarding the fauna special species area polygon. **Data Type:** Character **Length:** 240

	Allow Null Values: Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**

3.9.7 fauna_hazard_area

3.9.7.1 Description

A fauna hazard area is an area where there are hazards due to wildlife activities. This includes bird aircraft strike hazard (BASH) areas, and deer strike areas.

3.9.7.2 Drivers

3.9.7.3 File Name and Attributes

SDSFIE Entity Set:	fauna
ESRI Feature Dataset:	fauna
SDSFIE Entity Class:	fauna_management
SDSFIE Entity Type:	fauna_hazard_area
ESRI Feature Class:	fauna_hazard_area
SDSFIE Table:	famgthaz
Object Type:	Polygon
Required Attributes: The FAMGTHAZ table contains 32 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
HAZARD_ID	**Description:** (Primary Key) Unique identifier for each fauna hazard area polygon. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20

	Allow Null Values: No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
AREA_SIZE	**Description:** Area of the fauna special species area polygon. **Data Type:** Double Precision **Length:** **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** 38 **Scale:** 8
AREA_U_D	**Description:** Units of measure for AREA_SIZE. Valid values are those included in the SDS domain list which can be found in Appendix D. **Data Type:** Character **Length:** 16 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** d_uomare **Precision:** **Scale:**
HAZ_TYP_D	**Description:** Type of hazards in the fauna hazard area polygon. Valid values are those included in the SDS domain list which can be found in Appendix D. The following values

	will be added to “d_fahzty”: “Other”. Other – The type of hazard is not listed. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_fahzty **Precision:** **Scale:**
NARRATIVE	**Description:** Miscellaneous information regarding the fauna hazard area polygon. **Data Type:** Character **Length:** 240 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**

3.10 FLORA

3.10.1 land_vegetation_area

3.10.1.1 Description

A land vegetation area is a discrete area where land flora has been classified.

3.10.1.2 Drivers

- HQMC LFL – Planning Level Surveys (PLSs)
- Range Environmental Vulnerability Assessment (REVA)
- Naval Treaty Implementation Program (NTIP)

3.10.1.3 File Name and Attributes

SDSFIE Entity Set:	flora
ESRI Feature Dataset:	flora
SDSFIE Entity Class:	flora_general

SDSFIE Entity Type:	land_vegetation_area
ESRI Feature Class:	land_vegetation_area
SDSFIE Table:	flgnlveg
Object Type:	Polygon
Required Attributes: The FLGNLVEG table contains 36 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
VEGET_ID	**Description:** (Primary Key) Unique identifier for each land vegetation area polygon. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
AREA_SIZE	**Description:** Area of the land vegetation area polygon. **Data Type:** Double Precision **Length:** **Allow Null Values:** Yes

	Default Value: **Assigned Domain:** **Precision:** 38 **Scale:** 8
AREA_U_D	**Description:** Units of measure for AREA_SIZE. Valid values are those included in the SDS domain list which can be found in Appendix D. **Data Type:** Character **Length:** 16 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** d_uomare **Precision:** **Scale:**
FEAT_DESC	**Description:** Miscellaneous information regarding the land vegetation area polygon. **Data Type:** Character **Length:** 60 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
FEAT_NAME	**Description:** The name of the flora species in the land vegetation area polygon. **Data Type:** Character **Length:** 60 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**

3.10.2 flora_special_species_area

3.10.2.1 Description

A flora special species area is a site or location where there are threatened, endangered, invasive or sensitive floral species.

3.10.2.2 Drivers

- HQMC LFL – Planning Level Surveys (PLSs)
- Range Environmental Vulnerability Assessment (REVA)

3.10.2.3 File Name and Attributes

SDSFIE Entity Set:	flora
ESRI Feature Dataset:	flora
SDSFIE Entity Class:	flora_general
SDSFIE Entity Type:	flora_special_species_area
ESRI Feature Class:	flora_special_species_area
SDSFIE Table:	flgnlspc
Object Type:	Polygon
Required Attributes: The FLGNLSPC table contains 41 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
SPECIES_ID	**Description:** (Primary Key) Unique identifier for each flora special species area polygon. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:**

	Precision: **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
AREA_SIZE	**Description:** Area of the flora special species area polygon. **Data Type:** Double Precision **Length:** **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** 38 **Scale:** 8
AREA_U_D	**Description:** Units of measure for AREA_SIZE. Valid values are those included in the SDS domain list which can be found in Appendix D. **Data Type:** Character **Length:** 16 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** d_uomare **Precision:** **Scale:**
FLCLASS_D	**Description:** Subtype – Type of flora class. Valid values are those included in the SDS domain list which can be found in Appendix D. The following values will be added to "d_flcas": "Other", and "Unknown". Other – The type of flora class is not listed. Unknown – The type of flora class is unknown.

	Data Type: Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_flcas **Precision:** **Scale:**
FEAT_DESC	**Description:** Miscellaneous information regarding the flora special species area polygon. **Data Type:** Character **Length:** 60 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
HABCAT_D	**Description:** The habitat designation. Valid values are those included in the SDS domain list which can be found in Appendix D. The following value will be added to "d_sphtyp": "Other". Other – The habitat designation is not listed. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_sphtyp **Precision:** **Scale:**

3.10.3 preserve_area

3.10.3.1 Description

This description was created by the GEO*Fidelis* Program and differs from SDSFIE 2.600.

A preserve area is a vegetated area that is being managed as a special management area due to its unique characteristics such as an old growth area or good species habitat area.

3.10.3.2 Drivers

3.10.3.3 File Name and Attributes

SDSFIE Entity Set:	flora
ESRI Feature Dataset:	flora
SDSFIE Entity Class:	flora_preservation
SDSFIE Entity Type:	preserve_area
ESRI Feature Class:	preserve_area
SDSFIE Table:	flprzare
Object Type:	Polygon
Required Attributes: The FLPRZARE table contains 22 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
PRESERV_ID	**Description:** (Primary Key) Unique identifier for each preserve area polygon. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20

	Allow Null Values: Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
AREA_SIZE	**Description:** Area of the preserve area polygon. **Data Type:** Double Precision **Length:** **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** 38 **Scale:** 8
AREA_U_D	**Description:** Units of measure for AREA_SIZE. Valid values are those included in the SDS domain list which can be found in Appendix D. **Data Type:** Character **Length:** 16 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** d_uomare **Precision:** **Scale:**
FEAT_DESC	**Description:** Miscellaneous information regarding the preserve area polygon. **Data Type:** Character **Length:** 60 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
FEAT_NAME	**Description:** Name of the preserve area. **Data Type:** Character

	Length: 30 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
PRS_TYP_D	**Description:** Type of preserve. Valid values are those included in the SDS domain list which can be found in Appendix D. The following value will be added to "d_prstyp": "Unknown". Unknown – The type of preserve is unknown. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_prstyp **Precision:** **Scale:**

3.10.4 flora_fire_area

3.10.4.1 Description

This description was created by the GEO*Fidelis* Program and differs from SDSFIE 2.600.

A flora fire area is an area where planned or historically recorded fire has occurred. The fires may be wild or man-made prescribed burns.

3.10.4.2 Drivers

3.10.4.3 File Name and Attributes

SDSFIE Entity Set:	flora
ESRI Feature Dataset:	flora
SDSFIE Entity Class:	flora_management
SDSFIE Entity Type:	flora_fire_area

ESRI Feature Class:	flora_fire_area
SDSFIE Table:	flmgtfir
Object Type:	Polygon
Required Attributes: The FLMGTFIR table contains 23 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
FIRE_ID	**Description:** (Primary Key) Unique identifier for each flora fire area polygon. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
AREA_SIZE	**Description:** Area of the flora fire area polygon. **Data Type:** Double Precision **Length:** **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** 38

	Scale: 8
AREA_U_D	**Description:** Units of measure for AREA_SIZE. Valid values are those included in the SDS domain list which can be found in Appendix D. **Data Type:** Character **Length:** 16 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** d_uomare **Precision:** **Scale:**
DATE_EVENT	**Description:** Date on which fire occurred. Format "YYYYMMDD". **Data Type:** Integer **Length:** **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** 10 **Scale:**
EVENT_DESC	**Description:** A description of the fire event. **Data Type:** Character **Length:** 60 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
CAUSE_D	**Description:** Cause of the fire. Valid values are those included in the SDS domain list which can be found in Appendix D. **Data Type:** Character **Length:** 16 **Allow Null Values:** Yes

	Default Value: **Assigned Domain:** d_fircau **Precision:** **Scale:**

3.10.5 flora_study_area

3.10.5.1 Description

A flora study area is a geographic area created for the study of flora.

3.10.5.2 Drivers

- HQMC LFL – Planning Level Surveys (PLSs)

3.10.5.3 File Name and Attributes

SDSFIE Entity Set:	flora
ESRI Feature Dataset:	flora
SDSFIE Entity Class:	flora_management
SDSFIE Entity Type:	flora_study_area
ESRI Feature Class:	flora_study_area
SDSFIE Table:	flmgtsty
Object Type:	Polygon
Required Attributes: The FLMGTSTY table contains 19 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
FL_STY_ID	**Description:** (Primary Key) Unique identifier for each flora study area polygon. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:**

	Assigned Domain: **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
AREA_SIZE	**Description:** Area of the flora study area polygon. **Data Type:** Double Precision **Length:** **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** 38 **Scale:** 8
AREA_U_D	**Description:** Units of measure for AREA_SIZE. Valid values are those included in the SDS domain list which can be found in Appendix D. **Data Type:** Character **Length:** 16 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** d_uomare **Precision:** **Scale:**

3.10.6 forest_stand_area

3.10.6.1 Description

A forest stand is a forest flora community with similar characteristics.

3.10.6.2 Drivers

3.10.6.3 File Name and Attributes

SDSFIE Entity Set:	flora
ESRI Feature Dataset:	flora
SDSFIE Entity Class:	flora_management
SDSFIE Entity Type:	forest_stand_area
ESRI Feature Class:	forest_stand_area
SDSFIE Table:	flmgtfst
Object Type:	Polygon
Required Attributes: The FLMGTFST table contains 63 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
STAND_ID	**Description:** (Primary Key) Unique identifier for each forest stand area polygon. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:**

	Assigned Domain: **Precision:** **Scale:**
AREA_SIZE	**Description:** Area of the forest stand area polygon. **Data Type:** Double Precision **Length:** **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** 38 **Scale:** 8
AREA_U_D	**Description:** Units of measure for AREA_SIZE. Valid values are those included in the SDS domain list which can be found in Appendix D. **Data Type:** Character **Length:** 16 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** d_uomare **Precision:** **Scale:**
FOR_TYP_D	**Description:** The type of forest. Valid values are those included in the SDS domain list which can be found in Appendix D. The following values will be added to "d_fortyp": "Other", and "Unknow". Other – The type of forest is not listed. Unknown – The type of forest is unknown. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_fortyp **Precision:** **Scale:**

REGISTRY_D	**Description:** The registry code for the forest stand area polygon. Valid values are those included in the SDS domain list which can be found in Appendix D. The following values will be added to "d_reglst": "Other", and "Unknown". Other – The registry is not listed. Unknown – The registry is unknown. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_reglst **Precision:** **Scale:**
FEAT_DESC	**Description:** Miscellaneous information regarding the forest stand area polygon. **Data Type:** Character **Length:** 60 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**

3.11 FUTURE_PROJECTS

3.11.1 future_projects_area

3.11.1.1 Description

A future project area is an area feature within a potential future construction project or activity. An example of a feature that would belong in future project area is a proposed building.

3.11.1.2 Drivers

- GEO*Fidelis* Common Installation Picture (CIP)

3.11.1.3 File Name and Attributes

SDSFIE Entity Set:	future_projects
ESRI Feature	future_projects

Dataset:	
SDSFIE Entity Class:	future_projects_general
SDSFIE Entity Type:	future_projects_area
ESRI Feature Class:	future_projects_area
SDSFIE Table:	fpgenprj
Object Type:	Polygon
Required Attributes: The FPGENPRJ table contains 32 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
FUTPRJ_ID	**Description:** (Primary Key) Unique identifier for each future projects polygon. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
NARRATIVE	**Description:** A description of the future project feature. **Data Type:** Character

	Length: 240 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
FEAT_TYP_D	**Description:** The type of project. Valid values are those included in the SDS domain list which can be found in Appendix D. The following value will be added to "d_fettyp": "Unknown". Unknown – The type of project is unknown. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_fettyp **Precision:** **Scale:**
DATE_PROP	**Description:** The date that the future project was proposed. Format "YYYYMMDD". **Data Type:** Integer **Length:** **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** 10 **Scale:**

3.11.2 future_projects_point

3.11.2.1 Description

A future project point is a point feature within a potential future construction project or activity. An example of a feature that would belong in future project point is a manhole.

3.11.2.2 Drivers

- GEO*Fidelis* Common Installation Picture (CIP)

3.11.2.3 File Name and Attributes

SDSFIE Entity Set:	future_projects
ESRI Feature Dataset:	future_projects
SDSFIE Entity Class:	future_projects_general
SDSFIE Entity Type:	future_projects_point
ESRI Feature Class:	future_projects_point
SDSFIE Table:	fpgenprj
Object Type:	Point
Required Attributes: The FPGENPRJ table contains 32 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
FUTPRJ_ID	**Description:** (Primary Key) Unique identifier for each future projects point. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:**

	Scale:
NARRATIVE	**Description:** A description of the future project feature. **Data Type:** Character **Length:** 240 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
FEAT_TYP_D	**Description:** The type of project. Valid values are those included in the SDS domain list which can be found in Appendix D. The following value will be added to "d_fettyp": "Unknown". Unknown – The type of project is unknown. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_fettyp **Precision:** **Scale:**
DATE_PROP	**Description:** The date that the future project was proposed. Format "YYYYMMDD". **Data Type:** Integer **Length:** **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** 10 **Scale:**

3.11.3 future_projects_line

3.11.3.1 Description

A future project line is a line feature within a potential future construction project or activity. An example of a feature that would belong in future project line is a proposed fence.

3.11.3.2 Drivers

- GEO*Fidelis* Common Installation Picture (CIP)

3.11.3.3 File Name and Attributes

SDSFIE Entity Set:	future_projects
ESRI Feature Dataset:	future_projects
SDSFIE Entity Class:	future_projects_general
SDSFIE Entity Type:	future_projects_line
ESRI Feature Class:	future_projects_line
SDSFIE Table:	fpgenprj
Object Type:	Polyline
Required Attributes: The FPGENPRJ table contains 32 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
FUTPRJ_ID	**Description:** (Primary Key) Unique identifier for each future projects polyline. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:**

	Scale:
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
NARRATIVE	**Description:** A description of the future project feature. **Data Type:** Character **Length:** 240 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
FEAT_TYP_D	**Description:** The type of project. Valid values are those included in the SDS domain list which can be found in Appendix D. The following value will be added to "d_fettyp": "Unknown". Unknown – The type of project is unknown. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_fettyp **Precision:** **Scale:**
DATE_PROP	**Description:** The date that the future project was proposed. Format "YYYYMMDD". **Data Type:** Integer **Length:**

	Allow Null Values: Yes **Default Value:** **Assigned Domain:** **Precision:** 10 **Scale:**

3.12 GEODETIC

3.12.1 control_point

3.12.1.1 Description

A control point is a permanently monumented survey control point (benchmark) constructed with an original purpose of establishing spatial location in one or more dimensions from a known reference or datum.

3.12.1.2 Drivers

3.12.1.3 File Name and Attributes

SDSFIE Entity Set:	geodetic
ESRI Feature Dataset:	geodetic
SDSFIE Entity Class:	geodetic_survey
SDSFIE Entity Type:	control_point
ESRI Feature Class:	control_point
SDSFIE Table:	gdsrbrk
Object Type:	Point
Required Attributes: The GDSRBRK table contains 119 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
MONUMNT_ID	**Description:** (Primary Key) Unique identifier for each control point. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No

	Default Value: **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
DATE_ESTAB	**Description:** The date the monument was first established or when coordinates and/or elevations were established. Format "YYYYMMDD". **Data Type:** Integer **Length:** **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** 10 **Scale:**
MON_TYP_D	**Description:** Subtype **–** The type of monument as defined by the Corps of Engineers EM 1110-1-1002. Valid values are those included in the SDS domain list which can be found in Appendix D. The following value will be added to "d_montyp": "Unknown". Unknown – The type of monument is unknown. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_montyp **Precision:**

	Scale:
VERT_DAT_D	**Description:** The vertical datum for the elevation established on the monuments on this project. Valid values are those included in the SDS domain list which can be found in Appendix D. The following values will be added to "d_metadn": "Unknown", and "Other". Unknown – The datum is unknown. Other – The datum is not listed. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_metadn **Precision:** **Scale:**
HORZ_DAT_D	**Description:** The horizontal datum for the horizontal coordinates established for the monuments on this project. Valid values are those included in the SDS domain list which can be found in Appendix D. The following values will be added to "d_methdn": "Unknown", and "Other". Unknown – The datum is unknown. Other – The datum is not listed. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_methdn **Precision:** **Scale:**
COORD_X	**Description:** The x component of individual coordinate point. **Data Type:** Double Precision **Length:** **Allow Null Values:** Yes **Default Value:** **Assigned Domain:**

	Precision: 38 **Scale:** 8
COORD_Y	**Description:** The y component of individual coordinate point. **Data Type:** Double Precision **Length:** **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** 38 **Scale:** 8
COORD_Z	**Description:** The z component of individual coordinate point. **Data Type:** Double Precision **Length:** **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** 38 **Scale:** 8

3.13 HYDROGRAPHY

3.13.1 shoreline

3.13.1.1 Description

This description was created by the GEO*Fidelis* Program and differs from SDSFIE 2.600.

A shoreline is the boundary where land meets the edge of the ocean.

3.13.1.2 Drivers

- GEO*Fidelis* Common Installation Picture (CIP)
- Naval Facilities Engineering Services Command (NFESC) – Explosive Safety Siting (ESS)
- Naval Treaty Implementation Program (NTIP)

3.13.1.3 File Name and Attributes

SDSFIE Entity Set:	hydrography
ESRI Feature Dataset:	hydrography
SDSFIE Entity Class:	hydrography_coastal_zone
SDSFIE Entity Type:	shoreline
ESRI Feature Class:	shoreline
SDSFIE Table:	hycznshr
Object Type:	Polyline
Required Attributes: The HYCZNSHR table contains 26 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
SHORLN_ID	**Description:** (Primary Key) Unique identifier for each shoreline segment. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**

SHORE_DESC	**Description:** Name of ocean or sea making the shoreline. **Data Type:** Character **Length:** 60 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
SHR_TYP_D	**Description:** Subtype – The type of shoreline. Valid values are those included in the SDS domain list which can be found in Appendix D. The following values will be added to "d_shrtyp": "Unknown", and "Other". Unknown – The type of shoreline is unknown. Other – The type of shoreline is not listed. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_shrtyp **Precision:** **Scale:**

3.13.2 flood_zone_area

3.13.2.1 Description

This description was created by the GEO*Fidelis* Program and differs from SDSFIE 2.600.

The U.S. Army Corps of Engineers (USACE) defines a "floodplain" as the portion of any river valley that has historically been inundated by a river during floods. The Federal Emergency Management Agency (FEMA) defines a "floodplain" as the relatively flat lowland that borders a river, coastal area, lakeshore, or other low-lying area, usually dry but subject to flooding.

3.13.2.2 Drivers

3.13.2.3 File Name and Attributes

SDSFIE Entity Set:	hydrography

ESRI Feature Dataset:	hydrography
SDSFIE Entity Class:	hydrography_floodplain
SDSFIE Entity Type:	flood_zone_area
ESRI Feature Class:	flood_zone_area
SDSFIE Table:	hyflpflz
Object Type:	Polygon

Required Attributes:

The HYFLPFLZ table contains 43 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:

FLD_ZON_ID	**Description:** (Primary Key) Unique identifier for each flood zone area polygon. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**

MAP_ID	**Description:** The FEMA FIRM Number that covers the area. **Data Type:** Integer **Length:** **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** 10 **Scale:**
ZONE_TYPE	**Description:** The guidelines followed for the flood zone study. Valid values are "USACE", "FEMA", "OTHER", and "UNKNOWN". USACE – The flood zone study was conducted following U.S. Army Corps of Engineers (USACE) guidelines. FEMA – The flood zone study was conducted following Federal Emergency Management Agency (FEMA) guidelines. Other – The flood zone study was conducted following guidelines that are not listed. Unknown – The guidelines followed for the flood zone study area unknown. **Data Type:** Character **Length:** 30 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
FLD_ZONE_D	**Description:** Subtype – Type of flood zone area. Valid values are those included in the SDS domain list which can be found in Appendix D. The following values will be added to "d_fldzon": "Unknown", and "Other". Unknown – The type of flood zone is unknown. Other – The type of flood zone is not listed. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:**

	Assigned Domain: d_fldzon **Precision:** **Scale:**
FIRM_ZONE	**Description:** The FEMA Flood Insurance Rate Map Hazard Area Zone Code. **Data Type:** Character **Length:** 16 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
DATE_STUDY	**Description:** The date that the study was conducted. Format "YYYYMMDD". **Data Type:** Integer **Length:** **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** 10 **Scale:**
AREA_SIZE	**Description:** Area of the flood zone area polygon. **Data Type:** Double Precision **Length:** **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** 38 **Scale:** 8
AREA_U_D	**Description:** Units of measure for AREA_SIZE. Valid values are those included in the SDS domain list which can be found in Appendix D. **Data Type:** Character **Length:** 16

	Allow Null Values: Yes **Default Value:** **Assigned Domain:** d_uomare **Precision:** **Scale:**

3.13.3 watershed_area

3.13.3.1 Description

A watershed is the region or area drained by, or to, a particular body of water.

3.13.3.2 Drivers

- Range Environmental Vulnerability Assessment (REVA)
- Naval Treaty Implementation Program (NTIP)

3.13.3.3 File Name and Attributes

SDSFIE Entity Set:	hydrography
ESRI Feature Dataset:	hydrography
SDSFIE Entity Class:	hydrography_hydrobasin
SDSFIE Entity Type:	watershed_area
ESRI Feature Class:	watershed_area
SDSFIE Table:	hyhdbwts
Object Type:	Polygon
Required Attributes: The HYHDBWTS table contains 76 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
WATSHED_ID	**Description:** (Primary Key) Unique identifier for each watershed area polygon. This unique ID may be generated in any fashion such that each map feature retains a unique value.

	Data Type: Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
FEAT_NAME	**Description:** The name for the watershed area. **Data Type:** Character **Length:** 30 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
AREA_SIZE	**Description:** Area of the watershed area polygon. **Data Type:** Double Precision **Length:** **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** 38 **Scale:** 8
AREA_U_D	**Description:** Units of measure for AREA_SIZE. Valid values are those included in the SDS domain list which can be found in

	Appendix D. **Data Type:** Character **Length:** 16 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** d_uomare **Precision:** **Scale:**

3.13.4 ditch_aqueduct_centerline

3.13.4.1 Description

An aqueduct centerline is a manmade or improved waterway designed to transport water for irrigation or other use.

3.13.4.2 Drivers

- Range Environmental Vulnerability Assessment (REVA)
- Naval Treaty Implementation Program (NTIP)

3.13.4.3 File Name and Attributes

SDSFIE Entity Set:	hydrography
ESRI Feature Dataset:	hydrography
SDSFIE Entity Class:	hydrography_surface
SDSFIE Entity Type:	ditch_aqueduct_centerline
ESRI Feature Class:	ditch_aqueduct_centerline
SDSFIE Table:	hysurdit
Object Type:	Polyline
Required Attributes:	

The HYSURDIT table contains 30 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
DITCHAQ_ID	**Description:** (Primary Key) Unique identifier for each ditch aqueduct centerline segment. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
FEAT_NAME	**Description:** Any commonly used name for the ditch aqueduct centerline segment. **Data Type:** Character **Length:** 30 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
NARRATIVE	**Description:** Miscellaneous information regarding the ditch aqueduct centerline segment.

	Data Type: Character **Length:** 240 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
DIT_YEAR	**Description:** The year the ditch aqueduct centerline segment was created. Format "YYYYMMDD". **Data Type:** Integer **Length:** **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** 10 **Scale:**

3.13.5 surface_water_body_area

3.13.5.1 Description

This description was created by the GEO*Fidelis* Program and differs from SDSFIE 2.600.

A lake and pond is a standing body of water that can be natural or man-made. Not including swimming pools or oceans.

3.13.5.2 Drivers

- GEO*Fidelis* Common Installation Picture (CIP)
- HQMC LFL – Planning Level Surveys (PLSs)
- Range Environmental Vulnerability Assessment (REVA)
- Naval Treaty Implementation Program (NTIP)

3.13.5.3 File Name and Attributes

SDSFIE Entity Set:	hydrography
ESRI Feature Dataset:	hydrography
SDSFIE Entity	hydrography_surface

Class:	
SDSFIE Entity Type:	surface_water_body_area
ESRI Feature Class:	surface_water_body_area
SDSFIE Table:	hysurwbd
Object Type:	Polygon
Required Attributes: The HYSURWBD table contains 44 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
SUR_BOD_ID	**Description:** (Primary Key) Unique identifier for each surface water body area polygon. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
PERMAN_D	**Description:** Subtype – A code indicating the degree of permanence of the surface water body area. Valid values are those included in the SDS domain list which can be found in Appendix D. The following values will be added to

	"d_watper": "Unknown", and "Other". Unknown – The permanence of the water feature is unknown. Other – The permanence of the water feature is not listed. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_watper **Precision:** **Scale:**
BODY_TYPE_D	**Description:** The type of surface water body type. Valid values are those included in the SDS domain list which can be found in Appendix D. The following values will be added to "d_bodtyp": "Unknown", and "Other". Unknown – The type of water body is unknown. Other – The type of water body is not listed. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_bodtyp **Precision:** **Scale:**
BODY_NAME	**Description:** Name of the surface water body area. **Data Type:** Character **Length:** 30 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
BODY_DESC	**Description:** This attribute will distinguish between water bodies that are part of the "Waters of the US" and those that are not. Valid values are "Waters of the US", "Not Waters of the US", and "Unknown".

	Data Type: Character **Length:** 60 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**

3.13.6 surface_water_course_area

3.13.6.1 Description

This description was created by the GEO*Fidelis* Program and differs from SDSFIE 2.600.

A river or stream is a flowing course of water.

3.13.6.2 Drivers

- GEO*Fidelis* Common Installation Picture (CIP)
- HQMC LFL – Planning Level Surveys (PLSs)
- Range Environmental Vulnerability Assessment (REVA)
- Naval Treaty Implementation Program (NTIP)

3.13.6.3 File Name and Attributes

SDSFIE Entity Set:	hydrography
ESRI Feature Dataset:	hydrography
SDSFIE Entity Class:	hydrography_surface
SDSFIE Entity Type:	surface_water_course_area
ESRI Feature Class:	surface_water_course_area
SDSFIE Table:	hysurcrs
Object Type:	Polygon
Required Attributes: The HYSURCRS table contains 76 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	

SUR_CRS_ID	**Description:** (Primary Key) Unique identifier for each surface water course area polygon. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
PERMAN_D	**Description:** Subtype – A code indicating the degree of permanence of the surface water course area. Valid values are those included in the SDS domain list which can be found in Appendix D. The following values will be added to "d_watper": "Unknown", and "Other". Unknown – The permanence of the water feature is unknown. Other – The permanence of the water feature is not listed. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_watper **Precision:** **Scale:**

CRS_NAME	**Description:** Name of the surface water course area. **Data Type:** Character **Length:** 30 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
CRS_DESC	**Description:** This attribute will distinguish between water courses that are part of the "Waters of the US" and those that are not. Valid values are "Waters of the US", "Not Waters of the US", and "Unknown". **Data Type:** Character **Length:** 60 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
STRM_TYP_D	**Description:** The type of surface water course area. Valid values are those included in the SDS domain list which can be found in Appendix D. The following values will be added to "d_stmtyp": "Unknown", and "Other". Unknown – The type of water course is unknown. Other – The type of water course is not listed. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_stmtyp **Precision:** **Scale:**

3.13.7 surface_water_course_centerline

3.13.7.1 Description

A river and stream centerline is the center of a flowing course of water, normally measured at a location equidistant opposite shorelines or waterlines.

3.13.7.2 Drivers

- HQMC LFL – Planning Level Surveys (PLSs)
- Range Environmental Vulnerability Assessment (REVA)
- Naval Treaty Implementation Program (NTIP)

3.13.7.3 File Name and Attributes

SDSFIE Entity Set:	hydrography
ESRI Feature Dataset:	hydrography
SDSFIE Entity Class:	hydrography_surface
SDSFIE Entity Type:	surface_water_course_centerline
ESRI Feature Class:	surf_wat_course_centerline
SDSFIE Table:	hysurcrs
Object Type:	Polyline
Required Attributes: The HYSURCRS table contains 76 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
SUR_CRS_ID	**Description:** (Primary Key) Unique identifier for each surface water course centerline segment. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:**

	Scale:
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
PERMAN_D	**Description:** Subtype – A code indicating the degree of permanence of the surface water course centerline. Valid values are those included in the SDS domain list which can be found in Appendix D. The following values will be added to "d_watper": "Unknown", and "Other". Unknown – The permanence of the water feature is unknown. Other – The permanence of the water feature is not listed. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_watper **Precision:** **Scale:**
CRS_NAME	**Description:** Name of the surface water course centerline. **Data Type:** Character **Length:** 30 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
CRS_DESC	**Description:** This attribute will distinguish between water courses that are part of the "Waters of the US" and those that

	are not. Valid values are “Waters of the US”, “Not Waters of the US”, and “Unknown”. **Data Type:** Character **Length:** 60 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
STRM_TYP_D	**Description:** The type of surface water course centerline. Valid values are those included in the SDS domain list which can be found in Appendix D. The following values will be added to “d_stmtyp”: “Unknown”, and “Other”. Unknown – The type of water course is unknown. Other – The type of water course is not listed. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_stmtyp **Precision:** **Scale:**

3.13.8 wetland_area

3.13.8.1 Description

This description was created by the GEO*Fidelis* Program and differs from SDSFIE 2.600.

Wetlands are lands on which water covers the soil or is present either at or near the surface of the soil or within the root zone, all year or for varying periods of time during the year. The recurrent or prolonged presence of water (hydrology) at or near the soil surface is the dominant factor determining the nature of soil development and the types of plant and animal communities living in the soil and on its surface.

3.13.8.2 Drivers

- HQMC LFL – Planning Level Surveys (PLSs)
- Range Environmental Vulnerability Assessment (REVA)

3.13.8.3 File Name and Attributes

SDSFIE Entity Set:	hydrography
ESRI Feature Dataset:	hydrography
SDSFIE Entity Class:	hydrography_wetland
SDSFIE Entity Type:	wetland_area
ESRI Feature Class:	wetland_area
SDSFIE Table:	hywetlnd
Object Type:	Polygon
Required Attributes: The HYWETLND table contains 58 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
WETLAND_ID	**Description:** (Primary Key) Unique identifier for each wetland area polygon. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**

FEAT_TYP_D	**Description:** The type of wetland area. Valid values are those included in the SDS domain list which can be found in Appendix D. The following values will be added to "d_wettyp": "Other". Other – The type of wetland is not listed. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_wettyp **Precision:** **Scale:**
WETLN_NAME	**Description:** Any commonly used name for the wetland. **Data Type:** Character **Length:** 30 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
WETLN_DESC	**Description:** Distinguish between wetlands that were mapped using Army Corps of Engineers (ACOE) criteria, and National Wetlands Inventory (NWI) maps. **Data Type:** Character **Length:** 60 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
WETL_LABEL	**Description:** Any text specifically designed to be displayed on a map not otherwise included as an attribute. **Data Type:** Character **Length:** 18 **Allow Null Values:** No

	Default Value: **Assigned Domain:** **Precision:** **Scale:**
AREA_SIZE	**Description:** Area of the wetland area polygon. **Data Type:** Double Precision **Length:** **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** 38 **Scale:** 8
AREA_U_D	**Description:** Units of measure for AREA_SIZE. Valid values are those included in the SDS domain list which can be found in Appendix D. **Data Type:** Character **Length:** 16 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** d_uomare **Precision:** **Scale:**
REG_STATUS	**Description:** This field will indicate whether the wetland is regulated. Valid values are; “Regulated”, “Unregulated”, and “Unknown”. REG_STATUS is a custom field, definition: character, 15, appended to the end of the SDSFIE table as the first custom field. **Data Type:** Character **Length:** 15 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**

3.14 IMPROVEMENT

3.14.1 athletic_court_area

3.14.1.1 Description

An athletic court is a paved or other specially prepared surface which is used for recreational activities (basketball, tennis, volleyball, handball, etc.).

3.14.1.2 Drivers

- GEO*Fidelis* Common Installation Picture (CIP)
- Internet Navy Facilities Assets Data Store (iNFADS)
- Naval Facilities Engineering Services Command (NFESC) – Explosive Safety Siting (ESS)
- Naval Treaty Implementation Program (NTIP)

3.14.1.3 File Name and Attributes

SDSFIE Entity Set:	improvement
ESRI Feature Dataset:	improvement_recreation
SDSFIE Entity Class:	improvement_athletic_recreation
SDSFIE Entity Type:	athletic_court_area
ESRI Feature Class:	athletic_court_area
SDSFIE Table:	imathcrt
Object Type:	Polygon
Required Attributes: The IMATHCRT table contains 22 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
COURT_ID	**Description:** (Primary Key) Unique identifier for each athletic court area. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20

	Allow Null Values: No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
FACIL_ID	**Description:** (Foreign Key) The unique NFA number for the athletic court area. **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
CRT_TYP_D	**Description:** The type of athletic court area. Valid values are those included in the SDS domain list which can be found in Appendix D. The following value will be added to "d_crttyp": "Unknown". Unknown – The type of athletic court is unknown. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_crttyp **Precision:** **Scale:**

COURT_NAME	**Description:** The name of the athletic court area. **Data Type:** Character **Length:** 30 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
CRT_DESC	**Description:** Miscellaneous information regarding the athletic court area. **Data Type:** Character **Length:** 60 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**

3.14.2 athletic_field_area

3.14.2.1 Description

An athletic field is a field of grass or dirt which is specifically allocated for athletic events (baseball, football, soccer, etc).

3.14.2.2 Drivers

- GEO*Fidelis* Common Installation Picture (CIP)
- Internet Navy Facilities Assets Data Store (iNFADS)
- Naval Facilities Engineering Services Command (NFESC) – Explosive Safety Siting (ESS)
- Naval Treaty Implementation Program (NTIP)

3.14.2.3 File Name and Attributes

SDSFIE Entity Set:	improvement
ESRI Feature Dataset:	improvement_recreation
SDSFIE Entity	improvement_athletic_recreation

Class:	
SDSFIE Entity Type:	athletic_field_area
ESRI Feature Class:	athletic_field_area
SDSFIE Table:	imathare
Object Type:	Polygon
Required Attributes: The IMATHARE table contains 22 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
FIELD_ID	**Description:** (Primary Key) Unique identifier for each athletic field area. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
FACIL_ID	**Description:** (Foreign Key) The unique NFA number for the athletic field area. **Data Type:** Character **Length:** 20

	Allow Null Values: Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
FLD_TYP_D	**Description:** The type of athletic field area. Valid values are those included in the SDS domain list which can be found in Appendix D. The following values will be added to "d_fldtyp": "Unknown", and "Other". Unknown – The type of athletic field is unknown. Other – The type of athletic field is not listed. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_fldtyp **Precision:** **Scale:**
FLD_NAME	**Description:** The name of the athletic field area. **Data Type:** Character **Length:** 30 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
FLD_DESC	**Description:** Miscellaneous information regarding the athletic field area. **Data Type:** Character **Length:** 60 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:**

	Scale:

3.14.3 golf_course_area

3.14.3.1 Description

A golf course area is an area which comprises a golf course, including fairways, tees, greens, practice areas, and club houses. These specific features may be included as separate entity types but are not required.

3.14.3.2 Drivers

- GEO*Fidelis* Common Installation Picture (CIP)
- Internet Navy Facilities Assets Data Store (iNFADS)
- Naval Facilities Engineering Services Command (NFESC) – Explosive Safety Siting (ESS)
- Naval Treaty Implementation Program (NTIP)

3.14.3.3 File Name and Attributes

SDSFIE Entity Set:	improvement
ESRI Feature Dataset:	improvement_recreation
SDSFIE Entity Class:	improvement_athletic_recreation
SDSFIE Entity Type:	golf_course_area
ESRI Feature Class:	golf_course_area
SDSFIE Table:	imathglf
Object Type:	Polygon
Required Attributes: The IMATHGLF table contains 19 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
GOLFCRS_ID	**Description:** (Primary Key) Unique identifier for each golf course area. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character

	Length: 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
FACIL_ID	**Description:** (Foreign Key) The unique NFA number for the golf course area. **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
FEAT_NAME	**Description:** Any commonly used name for the golf course area. Example – "Pebble Beach Golf Links – 18 Holes" **Data Type:** Character **Length:** 30 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**

3.14.4 swimming_pool_area

3.14.4.1 Description

A swimming pool is a built structure placed on top of the ground or hollowed into the ground, filled with water, and used for athletic swimming and/or diving.

3.14.4.2 Drivers

- GEO*Fidelis* Common Installation Picture (CIP)
- Internet Navy Facilities Assets Data Store (iNFADS)
- Naval Facilities Engineering Services Command (NFESC) – Explosive Safety Siting (ESS)
- Naval Treaty Implementation Program (NTIP)

3.14.4.3 File Name and Attributes

SDSFIE Entity Set:	improvement
ESRI Feature Dataset:	improvement_recreation
SDSFIE Entity Class:	improvement_athletic_recreation
SDSFIE Entity Type:	swimming_pool_area
ESRI Feature Class:	swimming_pool_area
SDSFIE Table:	imathpol
Object Type:	Polygon
Required Attributes: The IMATHPOL table contains 18 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
POOL_ID	**Description:** (Primary Key) Unique identifier for each swimming pool area. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20

	Allow Null Values: No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
FACIL_ID	**Description:** (Foreign Key) The unique NFA number for the swimming pool area. **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
FEAT_DESC	**Description:** Miscellaneous information regarding the swimming pool area. **Data Type:** Character **Length:** 60 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**

3.14.5 fence_line

3.14.5.1 Description

This description was created by the GEO*Fidelis* Program and differs from SDSFIE 2.600.

A fence is a structure serving as an enclosure, a barrier, or a boundary, usually made of posts or stakes joined together by boards, wire, or rails.

3.14.5.2 Drivers

- GEO*Fidelis* Common Installation Picture (CIP)
- Internet Navy Facilities Assets Data Store (iNFADS)
- Naval Treaty Implementation Program (NTIP)

3.14.5.3 File Name and Attributes

SDSFIE Entity Set:	improvement
ESRI Feature Dataset:	improvement_general
SDSFIE Entity Class:	improvement_general
SDSFIE Entity Type:	fence_line
ESRI Feature Class:	fence_line
SDSFIE Table:	imgenfnc
Object Type:	Polyline
Required Attributes: The IMGENFNC table contains 38 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
FENCE_ID	**Description:** (Primary Key) Unique identifier for each fence line segment. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No

	Default Value: **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
FACIL_ID	**Description:** (Foreign Key) The unique NFA number for the fence line segment. **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
FENC_TYP_D	**Description:** A code indicating the fencing material used. Valid values are those included in the SDS domain list which can be found in Appendix D. The following values will be added to "d_fentyp": "Other". Other – The material is not listed. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_fentyp **Precision:** **Scale:**

FENCE_HT	**Description:** The overall distance from the surface of the ground to the top of the fence. **Data Type:** Double Precision **Length:** **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** 38 **Scale:** 8
DIM_U_D	**Description:** Units of measure for FENCE_HT. Valid values are those included in the SDS domain list which can be found in Appendix D. **Data Type:** Character **Length:** 16 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** d_uomdis **Precision:** **Scale:**
FENC_USE_D	**Description:** The purpose of the fence. Valid values are those included in the SDS domain list which can be found in Appendix D. The following values will be added to "d_fenuse": "Other", and "Unknown". Unknown – The purpose is unknown. Other – The purpose is not listed. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_fenuse **Precision:** **Scale:**
FEAT_LEN	**Description:** The overall length of the fence line segment. **Data Type:** Double Precision **Length:**

	Allow Null Values: Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
LENGTH_U_D	**Description:** Units of measure for FEAT_LEN. Valid values are those included in the SDS domain list which can be found in Appendix D. **Data Type:** Character **Length:** 16 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** d_uomdis **Precision:** **Scale:**

3.14.6 gate_line

3.14.6.1 Description

This description was created by the GEO*Fidelis* Program and differs from SDSFIE 2.600.

A gate is a door-like movable barrier in a fence or wall.

3.14.6.2 Drivers

- Naval Treaty Implementation Program (NTIP)

3.14.6.3 File Name and Attributes

SDSFIE Entity Set:	improvement
ESRI Feature Dataset:	improvement_general
SDSFIE Entity Class:	improvement_general
SDSFIE Entity Type:	gate_line
ESRI Feature Class:	gate_line
SDSFIE Table:	imgengat

Object Type:	Polyline
Required Attributes: The IMGENGAT table contains 39 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
GATE_ID	**Description:** (Primary Key) Unique identifier for each gate line segment. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
FACIL_ID	**Description:** (Foreign Key) The unique NFA number for the gate line segment. **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**

GATE_TYP_D	**Description:** The gate material and method of construction. Valid values are those included in the SDS domain list which can be found in Appendix D. The following values will be added to "d_fentyp": "Other". Other – The material is not listed. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_fentyp **Precision:** **Scale:**
GATE_HT	**Description:** The overall distance from the surface of the ground to the top of the gate. **Data Type:** Double Precision **Length:** **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** 38 **Scale:** 8
DIM_U_D	**Description:** Units of measure for GATE_HT. Valid values are those included in the SDS domain list which can be found in Appendix D. **Data Type:** Character **Length:** 16 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** d_uomdis **Precision:** **Scale:**
GAT_USE_D	**Description:** The purpose of the gate. Valid values are those included in the SDS domain list which can be found in Appendix D. The following values will be added to "d_fenuse": "Other", and "Unknown".

	Unknown – The purpose is unknown. Other – The purpose is not listed. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_fenuse **Precision:** **Scale:**
FEAT_LEN	**Description:** The overall length of the gate line segment. **Data Type:** Double Precision **Length:** **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
LENGTH_U_D	**Description:** Units of measure for FEAT_LEN. Valid values are those included in the SDS domain list which can be found in Appendix D. **Data Type:** Character **Length:** 16 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** d_uomdis **Precision:** **Scale:**

3.14.7 gate_point

3.14.7.1 Description

This description was created by the GEO*Fidelis* Program and differs from SDSFIE 2.600.

A gate point is an access point is the location of the main gate, and military access points.

3.14.7.2 Drivers

- GEO*Fidelis* Common Installation Picture (CIP)
- Naval Treaty Implementation Program (NTIP)

3.14.7.3 File Name and Attributes

SDSFIE Entity Set:	improvement
ESRI Feature Dataset:	improvement_general
SDSFIE Entity Class:	improvement_general
SDSFIE Entity Type:	gate_point
ESRI Feature Class:	gate_point
SDSFIE Table:	imgengat
Object Type:	Point
Required Attributes: The IMGENGAT table contains 39 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
GATE_ID	**Description:** (Primary Key) Unique identifier for each gate point. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20

	Allow Null Values: Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
FACIL_ID	**Description:** (Foreign Key) The unique NFA number for the gate point. **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
GAT_USE_D	**Description:** The purpose of the access point. Valid values are those included in the SDS domain list which can be found in Appendix D. The following values will be added to "d_fenuse": "Other", and "Unknown". Unknown – The purpose is unknown. Other – The purpose is not listed. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_fenuse **Precision:** **Scale:**

3.14.8 wall_line

3.14.8.1 Description

This description was created by the GEO*Fidelis* Program and differs from SDSFIE 2.600.

A wall is a continuous structure of masonry or other material forming a rampart.

3.14.8.2 Drivers

- Naval Treaty Implementation Program (NTIP)

3.14.8.3 File Name and Attributes

SDSFIE Entity Set:	improvement
ESRI Feature Dataset:	improvement_general
SDSFIE Entity Class:	improvement_general
SDSFIE Entity Type:	wall_line
ESRI Feature Class:	wall_line
SDSFIE Table:	imgenwal
Object Type:	Polyline
Required Attributes: The IMGENWAL table contains 26 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
WALL_ID	**Description:** (Primary Key) Unique identifier for each wall line segment. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20

	Allow Null Values: Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
FACIL_ID	**Description:** (Foreign Key) The unique NFA number for the wall line segment. **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
WALL_TYP_D	**Description:** The wall material. Valid values are those included in the SDS domain list which can be found in Appendix D. The following values will be added to "d_waltyp": "Other", and "Unknown". Other – The material is not listed. Unknown – The material is unknown. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_waltyp **Precision:** **Scale:**
WALL_HT	**Description:** The overall distance from the surface of the ground to the top of the wall. **Data Type:** Double Precision **Length:** **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** 38

	Scale: 8
DIM_U_M	**Description:** Units of measure for WALL_HT. Valid values are those included in the SDS domain list which can be found in Appendix D. **Data Type:** Character **Length:** 16 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** d_uomdis **Precision:** **Scale:**
FEAT_LEN	**Description:** The overall length of the wall line segment. **Data Type:** Double Precision **Length:** **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
LENGTH_U_D	**Description:** Units of measure for FEAT_LEN. Valid values are those included in the SDS domain list which can be found in Appendix D. **Data Type:** Character **Length:** 16 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** d_uomdis **Precision:** **Scale:**

3.14.9 miscellaneous_feature_area

3.14.9.1 Description

This description was created by the GEO*Fidelis* Program and differs from SDSFIE 2.600.

This layer will illustrate ready service lockers. A ready service locker is a container where ammunition is store for near term tactical or training use.

3.14.9.2 Drivers

- Naval Facilities Engineering Services Command (NFESC) – Explosive Safety Siting (ESS)

3.14.9.3 File Name and Attributes

SDSFIE Entity Set:	improvement
ESRI Feature Dataset:	improvement_general
SDSFIE Entity Class:	improvement_general
SDSFIE Entity Type:	miscellaneous_feature_area
ESRI Feature Class:	miscellaneous_feature_area
SDSFIE Table:	imgenmis
Object Type:	Polygon
Required Attributes: The IMGENMIS table contains 33 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
MISAREA_ID	**Description:** (Primary Key) Unique numeric identifier for each ready service locker polygon. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**

META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
FACIL_ID	**Description:** (Foreign Key) The unique NFA number for the fence line segment. **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
FEAT_DESC	**Description:** A description of the ready service locker. **Data Type:** Character **Length:** 60 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**

3.14.10 security_perimeter_line

3.14.10.1 Description

This description was created by the GEO*Fidelis* Program and differs from SDSFIE 2.600.

This layer will illustrate barricades. A barricade is a structure set up across a route of access to obstruct passage.

3.14.10.2 Drivers

- Naval Facilities Engineering Services Command (NFESC) – Explosive Safety Siting (ESS)

3.14.10.3 File Name and Attributes

SDSFIE Entity Set:	improvement
ESRI Feature Dataset:	improvement_general
SDSFIE Entity Class:	improvement_general
SDSFIE Entity Type:	security_perimeter_line
ESRI Feature Class:	security_perimeter_line
SDSFIE Table:	imgenspm
Object Type:	Polyline
Required Attributes: The IMGENSPM table contains 43 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
SECPER_ID	**Description:** (Primary Key) Unique identifier for each barricade line segment. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20

	Allow Null Values: Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
FACIL_ID	**Description:** (Foreign Key) The unique NFA number for the wall line segment. **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
BARR_TYP_D	**Description:** The type of barrier. Valid values are those included in the SDS domain list which can be found in Appendix D. The following values will be added to "d_barrty": "Bollard", "Concrete", and "Unknown". Other – The material is not listed. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_barrty **Precision:** **Scale:**
NARRATIVE	**Description:** A description or other unique information concerning the barricade. **Data Type:** Character **Length:** 240 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**

FEAT_LEN	**Description:** The overall length of the barricade segment. **Data Type:** Double Precision **Length:** **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
LENGTH_U_D	**Description:** Units of measure for FEAT_LEN. Valid values are those included in the SDS domain list which can be found in Appendix D. **Data Type:** Character **Length:** 16 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** d_uomdis **Precision:** **Scale:**

3.14.11 miscellaneous_recreation_area

3.14.11.1 Description

This description was created by the GEO*Fidelis* Program and differs from SDSFIE 2.600.

A miscellaneous outdoor recreation area is an area set aside for use in general recreation activities. The following features will be collected with this entity type; campgrounds, day use areas, drive-in theatres, fishing sites, playgrounds, picnic areas, recreational parks, swimming sites, and any other outdoor recreational area that is not list or collected with another entity type that is defined in the GEO*Fidelis* Foundation Layers.

3.14.11.2 Drivers

- GEO*Fidelis* Common Installation Picture (CIP)
- Naval Facilities Engineering Services Command (NFESC) – Explosive Safety Siting (ESS)

3.14.11.3 File Name and Attributes

SDSFIE Entity Set:	improvement

ESRI Feature Dataset:	improvement_recreation
SDSFIE Entity Class:	improvement_outdoor_recreation
SDSFIE Entity Type:	miscellaneous_recreation_area
ESRI Feature Class:	miscellaneous_recreation_area
SDSFIE Table:	imrecmis
Object Type:	Polygon
Required Attributes: The IMRECMIS table contains 26 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
OUTDOOR_ID	**Description:** (Primary Key) Unique identifier for each miscellaneous outdoor recreation area feature. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:**

	Scale:
FACIL_ID	**Description:** (Foreign Key) The unique NFA number for the recreation trail centerline segment. **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
FEAT_DESC	**Description:** The type of outdoor recreation area. Valid values are; "Campground", "Day Use", "Drive-In Theatre", Fishing", "Playground", "Picnic", "Recreational Park", "Swimming", "Other", and "Unknown". **Data Type:** Character **Length:** 60 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**

3.14.12 recreation_trail_centerline

3.14.12.1 Description

This description was created by the GEO*Fidelis* Program and differs from SDSFIE 2.600.

A recreational trail is a trail that is used for recreational activities (running/walking, biking, and hiking).

3.14.12.2 Drivers

- GEO*Fidelis* Common Installation Picture (CIP)
- Naval Treaty Implementation Program (NTIP)

3.14.12.3 File Name and Attributes

SDSFIE Entity Set:	improvement
ESRI Feature	improvement_recreation

Dataset:	
SDSFIE Entity Class:	improvement_outdoor_recreation
SDSFIE Entity Type:	recreation_trail_centerline
ESRI Feature Class:	recreation_trail_centerline
SDSFIE Table:	imrectrl
Object Type:	Polyline
Required Attributes: The IMRECTRL table contains 30 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
TRAIL_ID	**Description:** (Primary Key) Unique identifier for each recreation trail centerline segment. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**

TRAIL_DESC	**Description:** Description of the recreation trail. **Data Type:** Character **Length:** 60 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
TRAIL_NAME	**Description:** Name of the recreation trail. **Data Type:** Character **Length:** 15 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
TRL_TYP_D	**Description:** Subtype – The type of recreation trail centerline segment. Valid values are those included in the SDS domain list which can be found in Appendix D. The following values will be added to "d_rectrl": "Other". Other – The type of recreation trail is not listed. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_rectrl **Precision:** **Scale:**
FACIL_ID	**Description:** (Foreign Key) The unique NFA number for the recreation trail centerline segment. **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:**

	Assigned Domain: **Precision:** **Scale:**

3.14.13 hunting_area

3.14.13.1 Description

A hunting area is an area specifically designated for the controlled hunting of one or more wildlife species.

3.14.13.2 Drivers

3.14.13.3 File Name and Attributes

SDSFIE Entity Set:	improvement
ESRI Feature Dataset:	improvement_recreation
SDSFIE Entity Class:	improvement_outdoor_recreation
SDSFIE Entity Type:	hunting_area
ESRI Feature Class:	hunting_area
SDSFIE Table:	imrechnt
Object Type:	Polygon
Required Attributes: The IMRECHNT table contains 26 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
HUNTING_ID	**Description:** (Primary Key) Unique identifier for each hunting area feature. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:**

	Assigned Domain: **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
FACIL_ID	**Description:** (Foreign Key) The unique NFA number for the recreation trail centerline segment. **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
FEAT_DESC	**Description:** A brief description of the hunting area. **Data Type:** Character **Length:** 60 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
AREA_SIZE	**Description:** Area of the hunting area polygon. **Data Type:** Double Precision **Length:** **Allow Null Values:** Yes **Default Value:**

	Assigned Domain: **Precision:** 38 **Scale:** 8
AREA_U_D	**Description:** Units of measure for AREA_SIZE. Valid values are those included in the SDS domain list which can be found in Appendix D. **Data Type:** Character **Length:** 16 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** d_uomare **Precision:** **Scale:**
HUNT_TYP_D	**Description:** The type of hunting permitted in the area. Valid values are those included in the SDS domain list which can be found in Appendix D. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_huntty **Precision:** **Scale:**
FEAT_DESIG	**Description:** Any government designator for the hunting area. **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
RESTRCTION	**Description:** Any restrictions including licensing/permit requirements for the hunting area. **Data Type:** Character

	Length: 60 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
SPECIES_D	**Description:** The code for the name of the species which are allowed to be hunted in the area. Valid values are those included in the SDS domain list which can be found in Appendix D. The following values will be added to "d_speall": "Unknown". Unknown – The type of game is unknown. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_speall **Precision:** **Scale:**

3.14.14 dredged_bank_area

3.14.14.1 Description

This description was created by the GEO*Fidelis* Program and differs from SDSFIE 2.600.

A dredged bank area is an area where spoils have been deposited from various dredging operations.

3.14.14.2 Drivers

- Range Environmental Vulnerability Assessment (REVA)

3.14.14.3 File Name and Attributes

SDSFIE Entity Set:	improvement
ESRI Feature Dataset:	improvement_floodcontrol
SDSFIE Entity Class:	improvement_flood_control

SDSFIE Entity Type:	dredged_bank_area
ESRI Feature Class:	dredged_bank_area
SDSFIE Table:	imfdcspl
Object Type:	Polygon
Required Attributes: The IMFDCSPL table contains 24 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
SPLBANK_ID	**Description:** (Primary Key) Unique identifier for each dredged bank feature. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
FACIL_ID	**Description:** (Foreign Key) The unique NFA number for the fence line segment. **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes

	Default Value: **Assigned Domain:** **Precision:** **Scale:**
AREA_SIZE	**Description:** Area of the dredged bank area polygon. **Data Type:** Double Precision **Length:** **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** 38 **Scale:** 8
AREA_U_D	**Description:** Units of measure for AREA_SIZE. Valid values are those included in the SDS domain list which can be found in Appendix D. **Data Type:** Character **Length:** 16 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** d_uomare **Precision:** **Scale:**
FEAT_NAME	**Description:** A commonly used name for the dredged bank. **Data Type:** Character **Length:** 30 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**

3.14.15 levee_area

3.14.15.1 Description

A levee is an embankment for controlling the waters of the sea, river or other water bodies.

3.14.15.2 Drivers

3.14.15.3 File Name and Attributes

SDSFIE Entity Set:	improvement
ESRI Feature Dataset:	improvement_floodcontrol
SDSFIE Entity Class:	improvement_flood_control
SDSFIE Entity Type:	levee_area
ESRI Feature Class:	levee_area
SDSFIE Table:	imfdclev
Object Type:	Polygon
Required Attributes: The IMFDCLEV table contains 89 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
LEVEE_ID	**Description:** (Primary Key) Unique identifier for each levee feature. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the

	applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
LEV_TYPE_D	**Description:** Subtype – The type of levee. Valid values are those included in the SDS domain list which can be found in Appendix D. The following values will be added to "d_levtyp": "Unknown". Unknown – The type of levee is unknown. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_levtyp **Precision:** **Scale:**
FACIL_ID	**Description:** (Foreign Key) The unique NFA number for the fence line segment. **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
AREA_SIZE	**Description:** Area of the levee area polygon. **Data Type:** Double Precision **Length:** **Allow Null Values:** Yes **Default Value:**

	Assigned Domain: **Precision:** 38 **Scale:** 8
AREA_U_D	**Description:** Units of measure for AREA_SIZE. Valid values are those included in the SDS domain list which can be found in Appendix D. **Data Type:** Character **Length:** 16 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** d_uomare **Precision:** **Scale:**
FEAT_NAME	**Description:** The name of the body of water which the dike or levee contains. **Data Type:** Character **Length:** 50 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**

3.14.16 water_well_point

3.14.16.1 Description

A water well is an excavation point where the intended use is for location, acquisition, development, or artificial recharge of groundwater.

3.14.16.2 Drivers

- Environmental Vulnerability Assessment (REVA)

3.14.16.3 File Name and Attributes

SDSFIE Entity Set:	improvement
ESRI Feature Dataset:	improvement_well
SDSFIE Entity Class:	improvement_wells

SDSFIE Entity Type:	water_well_point
ESRI Feature Class:	water_well_point
SDSFIE Table	imwelwel
Object Type:	Point
Required Attributes: The IMWELWEL table contains 89 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
WELL_ID	**Description:** (Primary Key) Unique identifier for each water well point. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
WATWEL_D	**Description:** Subtype – The type of water well point. Valid values are those included in the SDS domain list which can be found in Appendix D. The following values will be added to "d_watwel": "Unknown", and "Other". Unknown – The type of water well is unknown. Other – The type of water well is not listed. **Data Type:** Character **Length:** 16 **Allow Null Values:** No

	Default Value: **Assigned Domain:** d_watwel **Precision:** **Scale:**

3.15 LAND_STATUS

3.15.1 land_use_area

3.15.1.1 Description

Land use describes man's categorization of the use of land and water.

3.15.1.2 Drivers

3.15.1.3 File Name and Attributes

SDSFIE Entity Set:	land_status
ESRI Feature Dataset:	land_status
SDSFIE Entity Class:	land_status_land_condition
SDSFIE Entity Type:	land_use_area
ESRI Feature Class:	land_use_area
SDSFIE Table:	lscndlus
Object Type:	Polygon
Required Attributes:	
The LSCNDLUS table contains 28 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
LANDUSE_ID	**Description:** (Primary Key) Unique identifier for each land use area polygon. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**

META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
USE_TYP_D	**Description:** The type of land use for the land use area polygon. Valid values are those included in the SDS domain list which can be found in Appendix D. The following values will be added to "d_paruse": "Other". Other – The type land use is not listed. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_paruse **Precision:** **Scale:**
USE_DESC	**Description:** Miscellaneous information regarding the land use area polygon. **Data Type:** Character **Length:** 60 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
USE_DIS_D	**Description:** The current status of the land use area polygon. Valid values are those included in the SDS domain list which can be found in Appendix D. The following values will be added to "d_usedis": "Other", and "Unknown". Unknown – The status of the land use area is unknown.

	Other – The status of the land use area is not listed. **Data Type:** Character **Length:** 16 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** d_usedis **Precision:** **Scale:**
AREA_SIZE	**Description:** Area of the land use area polygon. **Data Type:** Double Precision **Length:** **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** 38 **Scale:** 8
AREA_U_D	**Description:** Units of measure for AREA_SIZE. Valid values are those included in the SDS domain list which can be found in Appendix D. **Data Type:** Character **Length:** 16 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** d_uomare **Precision:** **Scale:**

3.15.2 land_restriction_area

3.15.2.1 Description

Land restriction areas area areas which are subject to local limitations on actions which can be performed on the land.

3.15.2.2 Drivers

3.15.2.3 File Name and Attributes

SDSFIE Entity Set:	land_status

ESRI Feature Dataset:	land_status
SDSFIE Entity Class:	land_status_land_condition
SDSFIE Entity Type:	land_restriction_area
ESRI Feature Class:	land_restriction_area
SDSFIE Table:	lsmgtres
Object Type:	Polygon
Required Attributes:	
The LSMGTRES table contains 26 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
LNDREST_ID	**Description:** (Primary Key) Unique identifier for each land restriction area polygon. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
RESTYP_D	**Description:** Subtype – The kind or nature of the land use restriction. Valid values are those included in the SDS domain list which can be found in Appendix D. The

	following values will be added to “d_lndres”: “Other”, and “Unknown”. Other – The type of restriction is not listed. Unknown – The type of restriction is unknown. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_lndres **Precision:** **Scale:**
RESTRICTN	**Description:** A narrative description of the restriction. **Data Type:** Character **Length:** 240 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
AREA_SIZE	**Description:** Area of the restricted area polygon. **Data Type:** Double Precision **Length:** **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** 38 **Scale:** 8
AREA_U_D	**Description:** Units of measure for AREA_SIZE. Valid values are those included in the SDS domain list which can be found in Appendix D. **Data Type:** Character **Length:** 16 **Allow Null Values:** Yes **Default Value:**

	Assigned Domain: d_uomare **Precision:** **Scale:**

3.15.3 land_management_zone_area

3.15.3.1 Description

A land management zone is used to divide a land area into management zones. This can be used to define service areas, architectural style zones, or just some arbitrary division of the land.

3.15.3.2 Drivers

- GEO*Fidelis* Common Installation Picture (CIP)
- United States Marine Corps Enterprise MAXIMO Facilities Management Program (USMCMax)

3.15.3.3 File Name and Attributes

SDSFIE Entity Set:	land_status
ESRI Feature Dataset:	land_status
SDSFIE Entity Class:	land_status_land_management
SDSFIE Entity Type:	land_management_zone_area
ESRI Feature Class:	land_management_zone_area
SDSFIE Table:	lsmgtzon
Object Type:	Polygon
Required Attributes: The LSMGTZON table contains 19 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
MGMTZON_ID	**Description:** (Primary Key) Unique identifier for each land management zone area polygon. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No

	Default Value: **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
FEAT_DESC	**Description:** Name of the land management zone area. **Data Type:** Character **Length:** 60 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
MGMT_ZONE	**Description:** The type of land management zone area. Valid values included “BAC”, “SpecArea”, and “InstDef”. BAC – Base Area Complex SpecArea – Special Area InstDef – Installation Defined **Data Type:** Character **Length:** 30 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
AREA_SIZE	**Description:** Area of the land management zone area

	polygon. **Data Type:** Double Precision **Length:** **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** 38 **Scale:** 8
AREA_U_D	**Description:** Units of measure for AREA_SIZE. Valid values are those included in the SDS domain list which can be found in Appendix D. **Data Type:** Character **Length:** 16 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** d_uomare **Precision:** **Scale:**

3.16 LANDFORM

3.16.1 elevation_contour_line

3.16.1.1 Description

An elevation contour line is a connecting points on the surface of the earth of equal vertical elevation representing some fixed elevation interval.

3.16.1.2 Drivers

- HQMC LFL – Planning Level Surveys (PLSs)
- Range Environmental Vulnerability Assessment (REVA)

3.16.1.3 File Name and Attributes

SDSFIE Entity Set:	landform
ESRI Feature Dataset:	landform
SDSFIE Entity Class:	landform_hypsography
SDSFIE Entity Type:	elevation_contour_line

ESRI Feature Class:	elevation_contour_line
SDSFIE Table:	lfhypcnt
Object Type:	Polyline
Required Attributes:	
The LFHYPCNT table contains 26 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
CONTOUR_ID	**Description:** (Primary Key) Unique identifier for each elevation contour line segment. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
CNTR_TYP_D	**Description:** Subtype – The type of elevation contour line segment. Valid values are those included in the SDS domain list which can be found in Appendix D. The following values will be added to "d_cnttyp": "Other". Other – The type of elevation contour is not listed. **Data Type:** Character **Length:** 16

	Allow Null Values: No **Default Value:** **Assigned Domain:** d_cnttyp **Precision:** **Scale:**
ELEVATION	**Description:** The elevation of the elevation contour line segment. **Data Type:** Double Precision **Length:** **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** 38 **Scale:** 8
ELEV_U_D	**Description:** Unit of measure for the elevation contour line segment. Valid values are those included in the SDS domain list which can be found in Appendix D. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_uomdis **Precision:** **Scale:**

3.17 MILITARY_OPERATIONS

3.17.1 military_special_use_airspace_area

3.17.1.1 Description

Special use airspace is a three-dimensional region of airspace for activities which must be confined because of their nature. Limitations may be imposed upon aircraft operations that are not a part of the airspace activities. Special use airspace includes any associated underlying surface and subsurface training areas. The types of SUA are Alert Area, Controlled Firing Area, Military Operating Area (MOA), Prohibited Area, Restricted Area, and Warning Area.

3.17.1.2 Drivers

3.17.1.3 File Name and Attributes

SDSFIE Entity Set:	military_operations
ESRI Feature Dataset:	military_operations
SDSFIE Entity Class:	military_air_operations
SDSFIE Entity Type:	military_special_use_airspace_area
ESRI Feature Class:	mil_special_use_airspace_area
SDSFIE Table:	mlairsua
Object Type:	Polygon
Required Attributes: The MLAIRSUA table contains 39 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
OPS_ID	**Description:** (Primary Key) Unique numeric identifier for each special use airspace area. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes

	Default Value: **Assigned Domain:** **Precision:** **Scale:**
MILSPC_D	**Description:** Subtype – The type of special use airspace. Valid values are those included in the SDS domain list which can be found in Appendix D. The following values will be added to "d_milspc": "Unknown", and "Other". Unknown – The type of special use airspace is unknown. Other – The type of special use airspace is not listed. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_milspc **Precision:** **Scale:**
FEAT_DESC	**Description:** A brief description of the airspace. **Data Type:** Character **Length:** 60 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
AREA_SIZE	**Description:** Area of the special use airspace area polygon. **Data Type:** Double Precision **Length:** **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** 38 **Scale:** 8
AREA_U_D	**Description:** Units of measure for AREA_SIZE. Valid values

	are those included in the SDS domain list which can be found in Appendix D. **Data Type:** Character **Length:** 16 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** d_uomare **Precision:** **Scale:**
FLOOR_ALT	**Description:** The minimum altitude - or floor - of the airspace, measured from the land or sea surface. **Data Type:** Integer **Length:** **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
ALT_U_D	**Description:** Units of measure for altitudes above the land or sea surface. Valid values are those included in the SDS domain list which can be found in Appendix D. **Data Type:** Character **Length:** 16 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** d_uomdis **Precision:** **Scale:**
CEIL_ALT	**Description:** The maximum altitude, or ceiling, of the airspace, measured from the land or sea surface. **Data Type:** Integer **Length:** **Allow Null Values:** Yes **Default Value:** **Assigned Domain:**

	Precision: **Scale:**

3.17.2 military_incident_point

3.17.2.1 Description

A military incident point is the location of an accident, mishap, or incident which is of interest to the general public.

3.17.2.2 Drivers

3.17.2.3 File Name and Attributes

SDSFIE Entity Set:	military_operations
ESRI Feature Dataset:	military_operations
SDSFIE Entity Class:	military_public_relations
SDSFIE Entity Type:	military_incident_point
ESRI Feature Class:	military_incident_point
SDSFIE Table:	mlpubinc
Object Type:	Polygon
Required Attributes: The MLPUBINC table contains 25 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
INCIDNT_ID	**Description:** (Primary Key) Unique numeric identifier for each military incident point. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:**

	Precision: **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
INCTYP_D	**Description:** Subtype **–** The type of incident reported. Valid values are those included in the SDS domain list which can be found in Appendix D. The following values will be added to "d_accinc": "Other", and "Unknown". Unknown – The type of event is unknown. Other – The type of event is not listed. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_accinc **Precision:** **Scale:**
DATE_INCID	**Description:** Date the incident occurred. Format "YYYYMMDD". **Data Type:** Integer **Length:** **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** 10 **Scale:**
TIME_INCID	**Description:** Time the incident occurred. Format "HHMMSS". Use the standard 24 hour clock.

	Data Type: Integer **Length:** **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** 10 **Scale:**
INC_DESC	**Description:** A short description of the incident. **Data Type:** Character **Length:** 60 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
NARRATIVE	**Description:** Miscellaneous information regarding the military incident area. **Data Type:** Character **Length:** 240 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**

3.17.3 military_range_area

3.17.3.1 Description

This description was created by the GEO*Fidelis* Program and differs from SDSFIE 2.600.

A military range is a designated land or water area set aside, managed, and used to conduct research on, develop, test, and evaluate military munitions and explosives, other ordnance, or weapon systems, or to train military personnel in their use and handling. Ranges include firing lines and positions, maneuver areas, firing lanes, test pads, detonation pads, impact areas, and buffer zones with restricted access and exclusionary areas

3.17.3.2 Drivers

- GEO*Fidelis* Common Installation Picture (CIP)
- Internet Navy Facilities Assets Data Store (iNFADS)
- Range Environmental Vulnerability Assessment (REVA)
- Naval Treaty Implementation Program (NTIP)

3.17.3.3 File Name and Attributes

SDSFIE Entity Set:	military_operations
ESRI Feature Dataset:	military_operations
SDSFIE Entity Class:	military_range
SDSFIE Entity Type:	military_range_area
ESRI Feature Class:	military_range_area
SDSFIE Table:	mlrngrng
Object Type:	Polygon
Required Attributes: The MLRNGRNG table contains 39 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
RANGE_ID	**Description:** (Primary Key) Unique numeric identifier for each military range area polygon. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**

META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
RNG_USE_D	**Description:** The type of range. Valid values are those included in the SDS domain list which can be found in Appendix D. The following values will be added to "d_mgtuse": "Firing", "Non-Firing", and "Other". Firing – The range is a firing range. Non-Firing – The range is a non-firing range. Other – The type of range is not listed. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_mgtuse **Precision:** **Scale:**
AREA_SIZE	**Description:** Area of the military range area polygon. **Data Type:** Double Precision **Length:** **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** 38 **Scale:** 8
AREA_U_D	**Description:** Units of measure for AREA_SIZE. Valid values are those included in the SDS domain list which can be found in Appendix D. **Data Type:** Character

	Length: 16 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** d_uomare **Precision:** **Scale:**
FEAT_DESC	**Description:** Description of the military range area polygon. **Data Type:** Character **Length:** 60 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
FACIL_ID	**Description:** (Foreign Key) The unique NFA number for the military range area polygon. **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
RNGSTAT_D	**Description:** Status of the military range area. Valid values are those included in the SDS domain list which can be found in Appendix D. The following values will be added to "d_fstat": "Proposed". Proposed – The range is proposed for closure. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_fstat **Precision:**

	Scale:
FEAT_NAME	**Description:** The exact name of the range. **Data Type:** Character **Length:** 60 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**

3.17.4 firing_point

3.17.4.1 Description

This description was created by the GEO*Fidelis* Program and differs from SDSFIE 2.600.

A firing point is the designated point within a firing lane and firing fan where the weapon is discharged or fired – usually the point of convergence of firing fan. This point can be dynamic, in which case, the point can take place anywhere in/on a live fire range. This point can also be stationary and when it is – it is usually a surveyed/registered position.

3.17.4.2 Drivers

- Range Environmental Vulnerability Assessment (REVA)

3.17.4.3 File Name and Attributes

SDSFIE Entity Set:	military_operations
ESRI Feature Dataset:	military_operations
SDSFIE Entity Class:	military_range
SDSFIE Entity Type:	firing_point
ESRI Feature Class:	firing_point
SDSFIE Table:	mlrngwfs
Object Type:	Point

Required Attributes: The MLRNGWFS table contains 32 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
FIREPNT_ID	**Description:** (Primary Key) Unique numeric identifier for each firing point. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
FP_TYP_D	**Description:** Subtype – The type of firing point. Valid values are those included in the SDS domain list which can be found in Appendix D. The following values will be added to "d_dfptyp": "Other", and "Unknown". Other – The type of firing point/line is not listed. Unknown – The type of firing point/line is unknown. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_dfptyp

	Precision: **Scale:**
FEAT_DESC	**Description:** Value indicating if the firing point is gun position or a firing position. Valid values are; “Stationary”, “Dynamic”, and “Unknown”. **Data Type:** Character **Length:** 60 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
NARRATIVE	**Description:** A description or other unique information concerning the firing point. **Data Type:** Character **Length:** 240 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
RNG_STATUS	**Description:** The status of the training area. Valid values are; “Active”, “Inactive”, “Closed”, “Historic”, “Unknown”, and “Other”. Active – The firing point is active. Inactive – The firing point is inactive. Closed – The firing point is closed. Historic – The firing point no longer exists, but is not closed. Unknown – The status of the firing piont is unknown. Other – The status of the firing point is not listed. RNG_STATUS is a custom field, definition: character, 30, appended to the end of the SDSFIE table as the first custom field. **Data Type:** Character **Length:** 30

	Allow Null Values: No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**

3.17.5 firing_line

3.17.5.1 Description

This description was created by the GEO*Fidelis* Program and differs from SDSFIE 2.600.

A firing line is a designated hazard line that follows the projected trajectory of a munition.

3.17.5.2 Drivers

3.17.5.3 File Name and Attributes

SDSFIE Entity Set:	military_operations
ESRI Feature Dataset:	military_operations
SDSFIE Entity Class:	military_range
SDSFIE Entity Type:	firing_line
ESRI Feature Class:	firing_line
SDSFIE Table:	mlrngwfs
Object Type:	Polyline
Required Attributes: The MLRNGWFS table contains 32 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
FIREPNT_ID	**Description:** (Primary Key) Unique numeric identifier for each firing line segment. This unique ID may be generated in any fashion such that each map feature retains a unique value.

	Data Type: Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
FP_TYP_D	**Description:** The type of firing line. Valid values are those included in the SDS domain list which can be found in Appendix D. The following values will be added to "d_dfptyp": "Other", and "Unknown". Other – The type of firing point/line is not listed. Unknown – The type of firing point/line is unknown. **Data Type:** Character **Length:** 16 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** d_dfptyp **Precision:** **Scale:**
FEAT_DESC	**Description:** A brief description of the firing line. **Data Type:** Character **Length:** 60 **Allow Null Values:** Yes **Default Value:**

	Assigned Domain: **Precision:** **Scale:**
RNG_STATUS	**Description:** The status of the training area. Valid values are; "Active", "Inactive", "Closed", "Historic", "Unknown", and "Other". Active – The firing line is active. Inactive – The firing line is inactive. Closed – The firing line is closed. Historic – The firing line no longer exists, but is not closed. Unknown – The status of the firing line is unknown. Other – The status of the firing line is not listed. RNG_STATUS is a custom field, definition: character, 30, appended to the end of the SDSFIE table as the first custom field. **Data Type:** Character **Length:** 30 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**

3.17.6 firing_fan_area

3.17.6.1 Description

A firing fan is an imaginary surface angled at a degree consistent with the type of weapon discharged, normally 38 degrees emanating from the firing point along the firing line.

3.17.6.2 Drivers

3.17.6.3 File Name and Attributes

SDSFIE Entity Set:	military_operations
ESRI Feature Dataset:	military_operations
SDSFIE Entity	military_range

Class:	
SDSFIE Entity Type:	firing_fan_area
ESRI Feature Class:	firing_fan_area
SDSFIE Table:	mlrngwfs
Object Type:	Polygon
Required Attributes: The MLRNGWFS table contains 32 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
FIREPNT_ID	**Description:** (Primary Key) Unique numeric identifier for each firing fan area. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
NARRATIVE	**Description:** Miscellaneous information regarding the firing fan area polygon. **Data Type:** Character

	Length: 240 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
FEAT_DESC	**Description:** A description of the weapon the firing fan area polygon is associated with. **Data Type:** Character **Length:** 60 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
AREA_SIZE	**Description:** Area of the firing fan area polygon. **Data Type:** Double Precision **Length:** **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** 38 **Scale:** 8
AREA_U_D	**Description:** Units of measure for AREA_SIZE. Valid values are those included in the SDS domain list which can be found in Appendix D. **Data Type:** Character **Length:** 16 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** d_uomare **Precision:** **Scale:**
RNG_STATUS	**Description:** The status of the training area. Valid values are;

	"Active", "Inactive", "Closed", "Historic", "Unknown", and "Other". Active – The firing fan is active. Inactive – The firing fan is inactive. Closed – The firing fan is closed. Historic – The firing fan no longer exists, but is not closed. Unknown – The status of the firing fan is unknown. Other – The status of the firing fan is not listed. RNG_STATUS is a custom field, definition: character, 30, appended to the end of the SDSFIE table as the first custom field. **Data Type:** Character **Length:** 30 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**

3.17.7 military_target_point

3.17.7.1 Description

This description was created by the GEO*Fidelis* Program and differs from SDSFIE 2.600.

A target point is a point designated and numbered for bombing and strafing.

3.17.7.2 Drivers

- Range Environmental Vulnerability Assessment (REVA)
- Naval Treaty Implementation Program (NTIP)

3.17.7.3 File Name and Attributes

SDSFIE Entity Set:	military_operations
ESRI Feature Dataset:	military_operations
SDSFIE Entity Class:	military_range

SDSFIE Entity Type:	military_target_point
ESRI Feature Class:	military_target_point
SDSFIE Table:	mlrngtgt
Object Type:	Point
Required Attributes: The MLRNGTGT table contains 62 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
TARGET_ID	**Description:** (Primary Key) Unique numeric identifier for each military target point. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
TGT_TYP_D	**Description:** Type of military target point. Valid values are those included in the SDS domain list which can be found in Appendix D. **Data Type:** Character

	Length: 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_afdtgt **Precision:** **Scale:**
FEAT_DESC	**Description:** Description of the military target point. **Data Type:** Character **Length:** 60 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
RNG_STATUS	**Description:** The status of the training area. Valid values are; "Active", "Inactive", "Closed", "Historic", "Unknown", and "Other". Active – The target is active. Inactive – The training area is inactive. Closed – The target is closed. Historic – The target no longer exists, but is not closed. Unknown – The status of the target is unknown. Other – The status of the target is not listed. RNG_STATUS is a custom field, definition: character, 30, appended to the end of the SDSFIE table as the first custom field. **Data Type:** Character **Length:** 30 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**

3.17.8 military_target_area

3.17.8.1 Description

This description was created by the GEO*Fidelis* Program and differs from SDSFIE 2.600.

A target area is an area within the surface danger zone where targets (static/moving, point/array) are emplaced for weapon system engagement.

3.17.8.2 Drivers

- Range Environmental Vulnerability Assessment (REVA)

3.17.8.3 File Name and Attributes

SDSFIE Entity Set:	military_operations
ESRI Feature Dataset:	military_operations
SDSFIE Entity Class:	military_range
SDSFIE Entity Type:	military_target_area
ESRI Feature Class:	military_target_area
SDSFIE Table:	mlrngtgt
Object Type:	Polygon
Required Attributes: The MLRNGTGT table contains 62 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
TARGET_ID	**Description:** (Primary Key) Unique numeric identifier for each military target area. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:**

	Assigned Domain: **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
FEAT_DESC	**Description:** Description of the military target area. **Data Type:** Character **Length:** 60 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
RNG_STATUS	**Description:** The status of the training area. Valid values are; "Active", "Inactive", "Closed", "Historic", "Unknown", and "Other". Active – The target area is active. Inactive – The target area is inactive. Closed – The target area is closed. Historic – The target area no longer exists, but is not closed. Unknown – The status of the target area is unknown. Other – The status of the target area is not listed. RNG_STATUS is a custom field, definition: character, 30, appended to the end of the SDSFIE table as the first custom field. **Data Type:** Character **Length:** 30 **Allow Null Values:** No

	Default Value: **Assigned Domain:** **Precision:** **Scale:**

3.17.9 firing_area

3.17.9.1 Description

This entity type is not part of the SDSFIE 2.600 data model and was created by the GEO*Fidelis* Program.

A firing area is a designated area in which firing points and gun positions may be located.

3.17.9.2 Drivers

- Range Environmental Vulnerability Assessment (REVA)

3.17.9.3 File Name and Attributes

SDSFIE Entity Set:	military_operations
ESRI Feature Dataset:	military_operations
SDSFIE Entity Class:	military_range
SDSFIE Entity Type:	firing_area
ESRI Feature Class:	firing_area
SDSFIE Table:	mlrngwfs
Object Type:	Polygon
Required Attributes: The MLRNGWFS table contains 32 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
FIREPNT_ID	**Description:** (Primary Key) Unique numeric identifier for each firing area. This unique ID may be generated in any fashion such that each map feature retains a unique value.

	Data Type: Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
FEAT_DESC	**Description:** A description of the firing area. **Data Type:** Character **Length:** 60 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
AREA_SIZE	**Description:** Area of the firing area polygon. **Data Type:** Double Precision **Length:** **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** 38 **Scale:** 8
AREA_U_D	**Description:** Units of measure for AREA_SIZE. Valid values are those included in the SDS domain list which can be found in

	Appendix D. **Data Type:** Character **Length:** 16 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** d_uomare **Precision:** **Scale:**
RNG_STATUS	**Description:** The status of the training area. Valid values are; "Active", "Inactive", "Closed", "Historic", "Unknown", and "Other". Active – The firing area is active. Inactive – The firing area is inactive. Closed – The firing area is closed. Historic – The firing area no longer exists, but is not closed. Unknown – The status of the firing area is unknown. Other – The status of the firing area is not listed. RNG_STATUS is a custom field, definition: character, 30, appended to the end of the SDSFIE table as the first custom field. **Data Type:** Character **Length:** 30 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**

3.17.10 ammunition_storage_area

3.17.10.1 Description

An ammunition storage area is an area that may be fenced off where ordnance or other explosive/hazardous devices are stored, loaded, and unloaded.

3.17.10.2 Drivers

- Naval Facilities Engineering Services Command (NFESC) – Explosive Safety Siting (ESS)

- Range Environmental Vulnerability Assessment (REVA)
- Naval Treaty Implementation Program (NTIP)

3.17.10.3 File Name and Attributes

SDSFIE Entity Set:	military_operations
ESRI Feature Dataset:	military_operations
SDSFIE Entity Class:	military_safety
SDSFIE Entity Type:	ammunition_storage_area
ESRI Feature Class:	ammunition_storage_area
SDSFIE Table:	mlsftamo
Object Type:	Polygon
Required Attributes: The MLSFTAMO table contains 29 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
STORAGE_ID	**Description:** (Primary Key) Unique numeric identifier for each ammunition storage area polygon. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character

	Length: 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
FACIL_ID	**Description:** (Foreign Key) The unique NFA number for the fence line segment. **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
STOR_DESC	**Description:** A description of the ammunition storage area polygon. **Data Type:** Character **Length:** 60 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
AREA_SIZE	**Description:** Area of the ammunition storage area polygon. **Data Type:** Double Precision **Length:** **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** 38 **Scale:** 8
AREA_U_D	**Description:** Units of measure for AREA_SIZE. Valid values are those included in the SDS domain list which can be found in

	Appendix D. **Data Type:** Character **Length:** 16 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** d_uomare **Precision:** **Scale:**

3.17.11 dudded_impact_area

3.17.11.1 Description

A duded impact area is an area where munitions impact but do not detonate – leaving a "dud" or unexploded ordnance.

3.17.11.2 Drivers

3.17.11.3 File Name and Attributes

SDSFIE Entity Set:	military_operations
ESRI Feature Dataset:	military_operations
SDSFIE Entity Class:	military_safety
SDSFIE Entity Type:	duded_impact_area
ESRI Feature Class:	duded_impact_area
SDSFIE Table:	mlsftima
Object Type:	Polygon
Required Attributes: The MLSFTIMA table contains 54 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
IMPAREA_ID	**Description:** (Primary Key) Unique numeric identifier for each duded impact area polygon. This unique ID may be generated in

	any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
NARRATIVE	**Description:** A description or other unique information concerning the duded impact area. **Data Type:** Character **Length:** 240 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
AREA_SIZE	**Description:** Area of the duded impact area polygon. **Data Type:** Double Precision **Length:** **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** 38 **Scale:** 8

AREA_U_D	**Description:** Units of measure for AREA_SIZE. Valid values are those included in the SDS domain list which can be found in Appendix D. **Data Type:** Character **Length:** 16 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** d_uomare **Precision:** **Scale:**

3.17.12 non_dudded_impact_area

3.17.12.1 Description

A non-duded impact area is a medium risk area where explosive munitions land after firing.

3.17.12.2 Drivers

3.17.12.3 File Name and Attributes

SDSFIE Entity Set:	military_operations
ESRI Feature Dataset:	military_operations
SDSFIE Entity Class:	military_safety
SDSFIE Entity Type:	non_dudded_impact_area
ESRI Feature Class:	non_dudded_impact_area
SDSFIE Table:	mlsftima
Object Type:	Polygon
Required Attributes: The MLSFTIMA table contains 54 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	

IMPAREA_ID	**Description:** (Primary Key) Unique numeric identifier for each non-duded impact area polylgon. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
NARRATIVE	**Description:** A description or other unique information concerning the non-duded impact area. **Data Type:** Character **Length:** 240 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
AREA_SIZE	**Description:** Area of the non-duded impact area polygon. **Data Type:** Double Precision **Length:** **Allow Null Values:** Yes **Default Value:**

	Assigned Domain: **Precision:** 38 **Scale:** 8
AREA_U_D	**Description:** Units of measure for AREA_SIZE. Valid values are those included in the SDS domain list which can be found in Appendix D. **Data Type:** Character **Length:** 16 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** d_uomare **Precision:** **Scale:**

3.17.13 potential_explosive_area

3.17.13.1 Description

This entity type is not part of the SDSFIE 2.600 data model and was created by the GEO*Fidelis* Program.

A potential explosive area is an area where an explosion may potentially take place.

3.17.13.2 Drivers

- Naval Facilities Engineering Services Command (NFESC) – Explosive Safety Siting (ESS)

3.17.13.3 File Name and Attributes

SDSFIE Entity Set:	military_operations
ESRI Feature Dataset:	military_operations
SDSFIE Entity Class:	military_safety
SDSFIE Entity Type:	potential_explosive_area
ESRI Feature Class:	potential_explosive_area

SDSFIE Table:	mlsftpea
Object Type:	Polygon
Required Attributes: The MLSFTPEA table contains 11 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
PEAAREA_ID	**Description:** (Primary Key) Unique numeric identifier for each potential explosive area polygon. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
NARRATIVE	**Description:** A description or other unique information concerning the potential explosive area. **Data Type:** Character **Length:** 240 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:**

	Precision: **Scale:**
FEAT_NAME	**Description:** Name of the potential explosive area. **Data Type:** Character **Length:** 30 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
AREA_SIZE	**Description:** Area of the potential explosive area polygon. **Data Type:** Double Precision **Length:** **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** 38 **Scale:** 8
AREA_U_D	**Description:** Units of measure for AREA_SIZE. Valid values are those included in the SDS domain list which can be found in Appendix D. **Data Type:** Character **Length:** 16 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** d_uomare **Precision:** **Scale:**

3.17.14 electromagnetic_radiation_hazard_area

3.17.14.1 Description

An electromagnetic radiation hazard area is the hazard area that emanates from electromagnetic radiation sources. The types are hazards of electromagnetic radiation to ordnance (HERO), personnel (HERP), and fuels

(HERF). HERO areas are also divided into HERO Susceptible and HERO Unsafe.

3.17.14.2 Drivers

3.17.14.3 File Name and Attributes

SDSFIE Entity Set:	military_operations
ESRI Feature Dataset:	military_operations
SDSFIE Entity Class:	military_safety
SDSFIE Entity Type:	electromagnetic_radiation_hazard_area
ESRI Feature Class:	emag_rad_haz_area
SDSFIE Table:	mlsfthaz
Object Type:	Polygon
Required Attributes: The MLSFTHAZ table contains 24 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
RADHAZ_ID	**Description:** (Primary Key) Unique numeric identifier for each electromagnetic radiation hazard area. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s).

	Data Type: Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
RAD_TYP_D	**Description:** Subtype – Type of radiation hazard within the area. Valid values are those included in the SDS domain list which can be found in Appendix D. The following values will be added to "d_emhazd": "Unknown", and "Other". Unknown – The type of radiation hazard is unknown. Other – The type of radiation hazard is not listed. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_emhazd **Precision:** **Scale:**
FEAT_DESC	**Description:** A description or other unique information concerning the historic impact area. **Data Type:** Character **Length:** 60 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
AREA_SIZE	**Description:** Area of the electromagnetic radiation hazard area polygon. **Data Type:** Double Precision **Length:** **Allow Null Values:** Yes **Default Value:**

	Assigned Domain: **Precision:** 38 **Scale:** 8
AREA_U_D	**Description:** Units of measure for AREA_SIZE. Valid values are those included in the SDS domain list which can be found in Appendix D. **Data Type:** Character **Length:** 16 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** d_uomare **Precision:** **Scale:**

3.17.15 historic_impact_area

3.17.15.1 Description

A historic impact area is an impact area, duded or non-duded, no longer in use which may pose potential risk.

3.17.15.2 Drivers

3.17.15.3 File Name and Attributes

SDSFIE Entity Set:	military_operations
ESRI Feature Dataset:	military_operations
SDSFIE Entity Class:	military_safety
SDSFIE Entity Type:	historic_impact_area
ESRI Feature Class:	historic_impact_area
SDSFIE Table:	mlsftima
Object Type:	Polygon
Required Attributes:	

The MLSFTIMA table contains 54 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:

IMPAREA_ID	**Description:** (Primary Key) Unique numeric identifier for each historic impact area. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20**Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
NARRATIVE	**Description:** A description or other unique information concerning the historic impact area. **Data Type:** Character **Length:** 240 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
AREA_SIZE	**Description:** Area of the historic impact area polygon. **Data Type:** Double Precision **Length:** **Allow Null Values:** Yes

	Default Value: **Assigned Domain:** **Precision:** 38 **Scale:** 8
AREA_U_D	**Description:** Units of measure for AREA_SIZE. Valid values are those included in the SDS domain list which can be found in Appendix D. **Data Type:** Character **Length:** 16 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** d_uomare **Precision:** **Scale:**

3.17.16 military_surface_danger_zone_area

3.17.16.1 Description

This description was created by the GEO*Fidelis* Program and differs from SDSFIE 2.600.

Surface danger zones are the ground and airspace designated within the training complex (to include associated safety areas) for vertical and lateral containment of projectiles, fragments, debris, and components resulting from the firing, launching, or detonation of weapon systems to include explosives and demolitions.

3.17.16.2 Drivers

- Range Environmental Vulnerability Assessment (REVA)
- Naval Treaty Implementation Program (NTIP)

3.17.16.3 File Name and Attributes

SDSFIE Entity Set:	military_operations
ESRI Feature Dataset:	military_operations
SDSFIE Entity Class:	military_safety
SDSFIE Entity	military_surface_danger_zone_area

Type:	
ESRI Feature Class:	mil_surface_danger_zone_area
SDSFIE Table:	mlsftsdz
Object Type:	Polygon
Required Attributes: The MLSFTSDZ table contains 49 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
SFDZONE_ID	**Description:** (Primary Key) Unique numeric identifier for each military surface danger zone area polygon. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
AREA_SIZE	**Description:** Area of the military surface danger zone area polygon. **Data Type:** Double Precision **Length:**

	Allow Null Values: Yes **Default Value:** **Assigned Domain:** **Precision:** 38 **Scale:** 8
AREA_U_D	**Description:** Units of measure for AREA_SIZE. Valid values are those included in the SDS domain list which can be found in Appendix D. **Data Type:** Character **Length:** 16 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** d_uomare **Precision:** **Scale:**
SFTSDZ_D	**Description:** Subtype – Type of surface danger zone area. Valid values are those included in the SDS domain list which can be found in Appendix D. The following values will be added to "d_sftsdz": "Unknown", and "Other". Unknown – The type of SDZ is unknown. Other – The type of SDZ is not listed. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_sftsdz **Precision:** **Scale:**
WEAP_DESC	**Description:** Type of weapon or weapons associated with the military surface danger zone area polygon. **Data Type:** Character **Length:** 50 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:**

	Precision: **Scale:**
RNG_STATUS	**Description:** The status of the training area. Valid values are; "Active", "Inactive", "Closed", "Historic", "Unknown", and "Other". Active – The surface danger zone is active. Inactive – The surface danger zone is inactive. Closed – The surface danger zone is closed. Historic – The surface danger no longer exists, but is not closed. Unknown – The status of the surface danger zone is unknown. Other – The status of the surface danger zone is not listed. **Data Type:** Character **Length:** 30 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**

3.17.17 military_quantity_distance_arc_area

3.17.17.1 Description

An explosive safety quantity distance (ESQD) arc is an area associated with munitions storage. Each of the following ESQD arcs will be collected, if applicable at each installation;

- **HDD** – Hazardous Debris Distance
- **HFD** – Hazardous Fragment Distance
- **IBD** – Inhabited Building Distance
- **ILD** – Intraline Distance
- **IMD** – Intermagazine Distance
- **MFD** – Maximum Fragment Distance
- **PTR** – Public Traffic Route Distance

3.17.17.2 Drivers

- Naval Treaty Implementation Program (NTIP)

3.17.17.3 File Name and Attributes

SDSFIE Entity Set:	military_operations
ESRI Feature Dataset:	military_operations
SDSFIE Entity Class:	military_safety
SDSFIE Entity Type:	military_quantity_distance_arc_area
ESRI Feature Class:	mil_qty_distance_arc_area
SDSFIE Table:	mlsftarc
Object Type:	Polygon
Required Attributes: The MLSFTARC table contains 22 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
DISTARC_ID	**Description:** (Primary Key) Unique numeric identifier for each military quantity distance arc polygon. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes

	Default Value: **Assigned Domain:** **Precision:** **Scale:**
ORD_TYP_D	**Description:** Type of ordinance that the military quantity distance arc is for. Valid values are those included in the SDS domain list which can be found in Appendix D. The following values will be added to "d_ordtyp": "Other", "Unknown". Other – The type of ordinance is not listed. Unknown – The type of ordnance is unknown. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_ordtyp **Precision:** **Scale:**
ORD_QTY	**Description:** The amount of ordinance that the arc is for. **Data Type:** Integer **Length:** **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** 10 **Scale:**
FEAT_DESC	**Description:** Value indicating the type of quantity distance arc represented by each polygon. Valid values include "HDD", "HFD", "IBD", "ILD", "IMD", "MFD", "PTRD", "UNK", and "OTH". HDD – Hazardous Debris Distance HFD – Hazardous Fragment Distance IBD – Inhabited Building Distance ILD – Intraline Distance IMD – Intermagazine Distance MFD – Maximum Fragment Distance

	PTR – Public Traffic Route Distance UNK – The type of arc is unknown OTH – The type of arc is not listed **Data Type:** Character **Length:** 60 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
ARC_DIST	**Description:** The radius of military quantity distance arc. **Data Type:** Double Precision **Length:** **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** 38 **Scale:** 8
DIST_U_D	**Description:** The units of measure for ARC_DIST. Valid values are those included in the SDS domain list which can be found in Appendix D. **Data Type:** Character **Length:** 16 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** d_uomdis **Precision:** **Scale:**
QTY_U_D	**Description:** The units of measure for ORD_QTY. Valid values are those included in the SDS domain list which can be found in Appendix D. **Data Type:** Character **Length:** 16 **Allow Null Values:** Yes

	Default Value: **Assigned Domain:** d_uom **Precision:** **Scale:**

3.17.18 explosive_conveyance_area

3.17.18.1 Description

This entity type is not part of the SDSFIE 2.600 data model and was created by the GEO*Fidelis* Program.

Explosive conveyance areas are areas of potential risk where ammunition is transferred but not stored.

3.17.18.2 Drivers

- Naval Facilities Engineering Services Command (NFESC) – Explosive Safety Siting (ESS)

3.17.18.3 File Name and Attributes

SDSFIE Entity Set:	military_operations
ESRI Feature Dataset:	military_operations
SDSFIE Entity Class:	military_safety
SDSFIE Entity Type:	explosive_conveyance_area
ESRI Feature Class:	explosive_conveyance_area
SDSFIE Table:	mlsfteca
Object Type:	Polygon
Required Attributes: The MLSFTECA table contains 11 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
EXPCON_ID	**Description:** (Primary Key) Unique numeric identifier for each explosive conveyance area polygon. This unique ID may be

	generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
AREA_SIZE	**Description:** Area of the explosive conveyance area polygon. **Data Type:** Double Precision **Length:** **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** 38 **Scale:** 8
AREA_U_D	**Description:** Units of measure for AREA_SIZE. Valid values are those included in the SDS domain list which can be found in Appendix D. **Data Type:** Character **Length:** 16 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** d_uomare

	Precision: **Scale:**
FEAT_DESC	**Description:** Distinguish between explosive conveyance areas. Valid values are: “Aircraft”, “Railcar”, “Ship_Barge”, “Ship_Non_Explosive”, “Truck”, “Other”, and “Unknown”. Aircraft – Explosive conveyance for aircraft. Railcar – Explosive conveyance for a railcar. Ship_Barge – Explosive conveyance for a ship barge. Ship_Non_Explosive – Explosive conveyance for a non-explosive ship. Truck – Explosive conveyance for a truck. Other – Explosive conveyance is for a feature not listed. Unknown – Explosive conveyance is for a unknown feature. **Data Type:** Character **Length:** 60 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
NARRATIVE	**Description:** Miscellaneous information regarding the explosive conveyance area. **Data Type:** Character **Length:** 240 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**

3.17.19 military_landing_and_drop_zone_area

3.17.19.1 Description

This entity type is not part of the SDSFIE 2.600 data model and was created by the GEO*Fidelis* Program.

A military landing/drop zone area is an unimproved area where aircraft (typically helicopters) can land to pickup or offload troops and cargo, and where parachute training is conducted.

3.17.19.2 Drivers

- Naval Facilities Engineering Services Command (NFESC) – Explosive Safety Siting (ESS)

3.17.19.3 File Name and Attributes

SDSFIE Entity Set:	military_operations
ESRI Feature Dataset:	military_operations
SDSFIE Entity Class:	military_training
SDSFIE Entity Type:	military_landing_and_drop_zone_area
ESRI Feature Class:	mil_landing_drop_zone_area
SDSFIE Table:	mltnglzn
Object Type:	Polygon
Required Attributes: The MLTNGLZN table contains 23 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
AIRSAF_ID	**Description:** (Primary Key) Unique numeric identifier for each military landing or drop zone area polygon. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**

META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
AREA_SIZE	**Description:** Area of the military landing or drop zone area polygon. **Data Type:** Double Precision **Length:** **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** 38 **Scale:** 8
AREA_U_D	**Description:** Units of measure for AREA_SIZE. Valid values are those included in the SDS domain list which can be found in Appendix D. **Data Type:** Character **Length:** 16 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** d_uomare **Precision:** **Scale:**
FEAT_NAME	**Description:** The name of the landing or drop zone point. FEAT_NAME is a custom field, definition: character, 30, appended to the end of the SDSFIE table as the first custom field. **Data Type:** Character **Length:** 30 **Allow Null Values:** Yes

	Default Value: **Assigned Domain:** **Precision:** **Scale:**
RNG_STATUS	**Description:** The status of the training area. Valid values are; "Active", "Inactive", "Closed", "Historic", "Unknown", and "Other". Active – The landing or drop zone is active. Inactive – The landing or drop zone is inactive. Closed – The landing or drop zone is closed. Historic – The landing or drop zone no longer exists, but is not closed. Unknown – The status of the landing or drop zone is unknown. Other – The status of the landing or drop zone is not listed. RNG_STATUS is a custom field, definition: character, 30, appended to the end of the SDSFIE table as the second custom field. **Data Type:** Character **Length:** 30 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**

3.17.20 tank_trail_line

3.17.20.1 Description

A tank trail is used for driving tanks.

3.17.20.2 Drivers

3.17.20.3 File Name and Attributes

SDSFIE Entity Set:	military_operations
ESRI Feature Dataset:	military_operations
SDSFIE Entity	military_training

Class:	
SDSFIE Entity Type:	tank_trail_line
ESRI Feature Class:	tank_trail_line
SDSFIE Table:	mltngttr
Object Type:	Polyline
Required Attributes: The MLTNGTTR table contains 26 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
TNKTRL_ID	**Description:** (Primary Key) Unique numeric identifier for each tank trail polyline. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
TNKTR_DESC	**Description:** Description of the tank trail. **Data Type:** Character **Length:** 60

	Allow Null Values: Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
TNKTR_NAME	**Description:** Name of the tank trail. **Data Type:** Character **Length:** 15 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
TNK_LEN	**Description:** The length of the tank trail polyline segment. **Data Type:** Double Precision **Length:** **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** 38 **Scale:** 8
LENGTH_U_D	**Description:** Units of measure for LENGTH_U_D. Valid values are those included in the SDS domain list which can be found in Appendix D. **Data Type:** Character **Length:** 16 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** d_uomdis **Precision:** **Scale:**
USE_LIMITS	**Description:** Restrictions on the use of the tank trail. **Data Type:** Character **Length:** 80

	Allow Null Values: Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
RNG_STATUS	**Description:** The status of the training area. Valid values are; "Active", "Inactive", "Closed", "Historic", "Unknown", and "Other". Active – The tank trail is active. Inactive – The tank trail is inactive. Closed – The tank trail is closed. Historic – The tank trail no longer exists, but is not closed. Unknown – The status of the tank trail is unknown. Other – The status of the tank trail is not listed. RNG_STATUS is a custom field, definition: character, 30, appended to the end of the SDSFIE table as the second custom field. **Data Type:** Character **Length:** 30 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**

3.17.21 training_area

3.17.21.1 Description

This description was created by the GEO*Fidelis* Program and differs from SDSFIE 2.600.

This entity type includes areas where military training is conducted. May be Restricted Area where access and/or activity is limited due to one or more reasons such as security, safety, environmental, cultural, no-fly, etc.

3.17.21.2 Drivers

- Naval Facilities Engineering Services Command (NFESC) – Explosive Safety Siting (ESS)
- Range Environmental Vulnerability Assessment (REVA)

3.17.21.3 File Name and Attributes

SDSFIE Entity Set:	military_operations
ESRI Feature Dataset:	military_operations
SDSFIE Entity Class:	military_training
SDSFIE Entity Type:	training_area
ESRI Feature	training_area
SDSFIE Table:	mltngtrg
Object Type:	Polygon
Required Attributes: The MLTNGTRG table contains 46 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
TRNG_ID	**Description:** (Primary Key) Unique numeric identifier for each training area polygon. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:**

	Precision: **Scale:**
RNG_STATUS	**Description:** The status of the training area. Valid values are; "Active", "Inactive", "Closed", "Historic", "Unknown", and "Other". Active – The training area is active. Inactive – The training area is inactive. Closed – The training area is closed. Historic – The training area no longer exists, but is not closed. Unknown – The status of the training area is unknown. Other – The status of the training area is not listed. **Data Type:** Character **Length:** 30 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
RESTRCT_STAT	**Description:** The restriction status of the training area. Valid values are; "Not Restricted", "Restricted (Security)", "Restricted (Environmental)", "Restricted (Cultural)", "Restricted (No-Fly)", "Restricted (Other)", and "Unknown". Not Restricted – The training area is not restricted. Restricted (Security) – The training area is restricted for security reasons. Restricted (Environmental) – The training area is restricted for security reasons. Restricted (Cultural) – The training area is restricted for cultural reasons. Restricted (No-Fly) – The training area is restricted as no-fly zone. Restricted (Other) – The training area is restricted for reasons not listed. Unknown – The restriction status of the training area is unknown. RESTRCT_STAT is a custom field, definition: character, 30, appended to the end of the SDSFIE table as the first custom

	field. **Data Type:** Character **Length:** 30 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
AREA_SIZE	**Description:** Area of the training area polygon. **Data Type:** Double Precision **Length:** **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** 38 **Scale:** 8
AREA_U_D	**Description:** Units of measure for AREA_SIZE. Valid values are those included in the SDS domain list which can be found in Appendix D. **Data Type:** Character **Length:** 16 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** d_uomare **Precision:** **Scale:**
FEAT_NAME	**Description:** Name of the training area polygon. **Data Type:** Character **Length:** 30 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**

FACIL_ID	**Description:** (Foreign Key) The unique NFA number for the training area polygon. **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
TYPE_D	**Description:** Subtype – Type of training area. Valid values are those included in the SDS domain list which can be found in Appendix D. The following values will be added to "d_miltra": "Unknown", "Off-Limits" and "Other". Unknown – The type of training is unknown. Off-Limits – The area is off-limits to training. Other – The type of training is not listed. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_miltra **Precision:** **Scale:**
NARRATIVE	**Description:** A description or other unique information concerning the training area. **Data Type:** Character **Length:** 240 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**

3.17.22 military_training_sub_area

3.17.22.1 Description

This description was created by the GEO*Fidelis* Program and differs from SDSFIE 2.600.

A military sub-training area is a land area used for military training which itself is a portion of a larger military training area. This includes military operations in urban terrain (MOUT) areas and MAC areas.

3.17.22.2 Drivers

3.17.22.3 File Name and Attributes

SDSFIE Entity Set:	military_operations
ESRI Feature Dataset:	military_operations
SDSFIE Entity Class:	military_training
SDSFIE Entity Type:	military_training_sub_area
ESRI Feature Class:	military_training_sub_area
SDSFIE Table:	mltngtrg
Object Type:	Polygon

Required Attributes:

The MLTNGTRG table contains 36 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:

TRNG_ID	**Description:** (Primary Key) Unique numeric identifier for each sub-training area polygon. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:**

	Assigned Domain: **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
RNG_STATUS	**Description:** The status of the training area. Valid values are; "Active", "Inactive", "Closed", "Historic", "Unknown", and "Other". Active – The sub-training area is active. Inactive – The sub-training area is inactive. Closed – The sub-training area is closed. Historic – The sub-training area no longer exists, but is not closed. Unknown – The status of the sub-training area is unknown. Other – The status of the sub-training area is not listed. **Data Type:** Character **Length:** 30 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
AREA_SIZE	**Description:** Area of the sub-training area polygon. **Data Type:** Double Precision **Length:** **Allow Null Values:** Yes **Default Value:**

	Assigned Domain: **Precision:** 38 **Scale:** 8
AREA_U_D	**Description:** Units of measure for AREA_SIZE. Valid values are those included in the SDS domain list which can be found in Appendix D. **Data Type:** Character **Length:** 16 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** d_uomare **Precision:** 38 **Scale:** 8
FEAT_NAME	**Description:** Name of the sub-training area polygon. **Data Type:** Character **Length:** 30 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
FACIL_ID	**Description:** (Foreign Key) The unique NFA number for the sub-training area polygon. **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
TYPE_D	**Description:** Type of sub-training area. Valid values are those included in the SDS domain list which can be found in Appendix D. The following values will be added to "d_miltra": "Unknown", "Off-Limits", and "Other". Unknown – The type of training is unknown.

	Off-Limits – The area is off-limits to training. Other – The type of training is not listed. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_miltra **Precision:** **Scale:**
NARRATIVE	**Description:** A description or other unique information concerning the sub-training area. **Data Type:** Character **Length:** 240 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**

3.17.23 military_observation_point

3.17.23.1 Description

This description was created by the GEO*Fidelis* Program and differs from SDSFIE 2.600.

An observation point is a position from which military observations are made, or fire directed and adjusted, and which possesses appropriate communications.

3.17.23.2 Drivers

3.17.23.3 File Name and Attributes

SDSFIE Entity Set:	military_operations
ESRI Feature Dataset:	military_operations
SDSFIE Entity Class:	military_training

SDSFIE Entity Type:	military_observation_point
ESRI Feature Class:	military_observation_point
SDSFIE Table:	mltngobs
Object Type:	Point

Required Attributes:

The MLTNGOBS table contains 17 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:

MILOBS_ID	**Description:** (Primary Key) Unique numeric identifier for each military observation point. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
OBSPT_NAME	**Description:** Name of the military observation point. **Data Type:** Character **Length:** 40 **Allow Null Values:** Yes

	Default Value: **Assigned Domain:** **Precision:** **Scale:**
RNG_STATUS	**Description:** The status of the training area. Valid values are; "Active", "Inactive", "Closed", "Historic", "Unknown", and "Other". Active – The observation point is active. Inactive – The observation point is inactive. Closed – The observation point is closed. Historic – The observation point no longer exists, but is not closed. Unknown – The status of the observation point is unknown. Other – The status of the observation point is not listed. RNG_STATUS is a custom field, definition: character, 30, appended to the end of the SDSFIE table as the first custom field. **Data Type:** Character **Length:** 30 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**

3.17.24 military_landing_zone_point

3.17.24.1 Description

This entity type is not part of the SDSFIE 2.600 data model and was created by the GEO*Fidelis* Program.

Individual locations within a landing zone area for specific pickup/drop-off activities.

3.17.24.2 Drivers

3.17.24.3 File Name and Attributes

SDSFIE Entity Set:	military_operations

ESRI Feature Dataset:	military_operations
SDSFIE Entity Class:	military_training
SDSFIE Entity Type:	military_landing_zone_point
ESRI Feature Class:	military_landing_zone_point
SDSFIE Table:	mltnglzn
Object Type:	Point

Required Attributes:

The MLTNGLZN table contains 23 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:

AIRSAF_ID	**Description:** (Primary Key) Unique numeric identifier for each military landing zone point. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
FEAT_NAME	**Description:** The name of the land zone point. FEAT_NAME is a custom field, definition: character, 30,

	appended to the end of the SDSFIE table as the first custom field. **Data Type:** Character **Length:** 30 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
RNG_STATUS	**Description:** The status of the training area. Valid values are; "Active", "Inactive", "Closed", "Historic", "Unknown", and "Other". Active – The landing zone is active. Inactive – The landing zone is inactive. Closed – The landing zone is closed. Historic – The landing zone no longer exists, but is not closed. Unknown – The status of the landing zone is unknown. Other – The status of the landing zone is not listed. RNG_STATUS is a custom field, definition: character, 30, appended to the end of the SDSFIE table as the second custom field. **Data Type:** Character **Length:** 30 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**

3.17.25 military_control_point

3.17.25.1 Description

This description was created by the GEO*Fidelis* Program and differs from SDSFIE 2.600.

A military control point is a point at which the flyer or ground based personnel should verify their location. It can be a well-defined point, easily

distinguishable visually and/or electronically, used as a starting point for a bomb run to a target.

3.17.25.2 Drivers

3.17.25.3 File Name and Attributes

SDSFIE Entity Set:	military_operations
ESRI Feature Dataset:	military_operations
SDSFIE Entity Class:	military_training
SDSFIE Entity Type:	military_control_point
ESRI Feature Class:	military_control_point
SDSFIE Table:	mltngctp
Object Type:	Point
Required Attributes: The MLTNGCTP table contains 14 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
MLCTRL_ID	**Description:** (Primary Key) Unique numeric identifier for each military control point. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character

	Length: 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
COORD_X	**Description:** The x component of individual coordinate point. **Data Type:** Double Precision **Length:** **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** 38 **Scale:** 8
COORD_Y	**Description:** The y component of individual coordinate point. **Data Type:** Double Precision **Length:** **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** 38 **Scale:** 8
COORD_Z	**Description:** The z component of individual coordinate point. **Data Type:** Double Precision **Length:** **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** 38 **Scale:** 8
CTRL_TYP_D	**Description:** The type of control point, fixed, rotary or ground. Valid values are those included in the SDS domain list which can be found in Appendix D. The following values will be added to “d_cpttyp”: “Unknown”, “Initial”, and “Other”.

	Unknown – The type of control point is unknown. Other – The type of control point is not listed. Initial – A well-defined point, easily distinguishable visually and/or electronically, used as a starting point for a bomb run to a target. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_cpttyp **Precision:** **Scale:**

3.18 SOIL

3.18.1 soil_map_unit_area

3.18.1.1 Description

This description was created by the GEO*Fidelis* Program and differs from SDSFIE 2.600.

A soil map unit area is an area with similar soil characteristics. The size of the units used for an installation will depend on the mapping done by the Natural Resources Conservation Service (NRCS).

3.18.1.2 Drivers

- HQMC LFL – Planning Level Surveys (PLSs)
- Range Environmental Vulnerability Assessment (REVA)

3.18.1.3 File Name and Attributes

SDSFIE Entity Set:	soil
ESRI Feature Dataset:	soil
SDSFIE Entity Class:	soil_general
SDSFIE Entity Type:	soil_map_unit_area
ESRI Feature Class:	soil_map_unit_area

SDSFIE Table:	sogenunt
Object Type:	Polygon
Required Attributes: The SOGENUNT table contains 88 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
SOIL_ID	**Description:** (Primary Key) Unique numeric identifier for each soil map unit area polygon. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
UNIT_NAME	**Description:** Soil Survey Geographic (SSURGO) – Correlated name of the map unit (recommended name or field name for surveys in progress). **Data Type:** Character **Length:** 30 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:**

	Precision: **Scale:**
UNIT_LABEL	**Description:** The code used to identify the soil type on a map. This is usually a concatenation of the Soil Series, Slope, and Erosion. **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
AREA_SIZE	**Description:** Area of the soil map unit area polygon. **Data Type:** Double Precision **Length:** **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** 38 **Scale:** 8
AREA_U_D	**Description:** Units of measure for AREA_SIZE. Valid values are those included in the SDS domain list which can be found in Appendix D. **Data Type:** Character **Length:** 16 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** d_uomare **Precision:** **Scale:**

3.19 TRANSPORTATION

3.19.1 air_accident_zone_area

3.19.1.1 Description

Air accident zones are areas at the end of runways or beneath approach and departure flight paths where there is a higher potential for aircraft accidents. These areas include clear zones, and accident potential zones (APZ) I and II.

- **Clear Zone** (CZ) – Areas immediately beyond the end of the runway, or directly centered on the helipad; an area that possesses a high potential for accidents, and has traditionally been acquired by the Government in fee and kept clear of obstructions to flight. No buildings are allowed in the CZ.
- **Accident Potential Zone I** (APZ I) – The area beyond the Clear Zone that possesses a significant potential for accidents. Land use within APZ I are limited to industrial, manufacturing, open space and agricultural uses, transportation, etc.
- **Accident Potential Zone II** (APZ II) – The area beyond APZ I having a measurable potential for accidents. Additional land uses are permitted, but are generally limited to low density activities.

3.19.1.2 Drivers

3.19.1.3 File Name and Attributes

SDSFIE Entity Set:	transportation
ESRI Feature Dataset:	transportation_air
SDSFIE Entity Class:	transportation_air
SDSFIE Entity Type:	air_accident_zone_area
ESRI Feature Class:	air_accident_zone_area
SDSFIE Table:	trairapz
Object Type:	Polygon
Required Attributes: The TRAIRAPZ table contains 24 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
ZONE_ID	**Description:** (Primary Key) Unique numeric identifier for each air accident zone area polygon. This unique ID may be generated in any fashion such that each map feature retains a

	unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
ZONE_NAME	**Description:** A commonly used name for the air accident zone area polygon, entered in upper-case. Valid values include "CZ", "APZ I", and APZ II". CZ – Clear Zone APZ I – Accident Potential Zone I APZ II – Accident Potential Zone II **Data Type:** Character **Length:** 30 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**

3.19.2 airfield_surface_area

3.19.2.1 Description

Airfield surface areas are areas that aircraft utilize. These include runways, taxiways, parking ramps, landing strips, helipads which may be components of airport and heliport facilities.

- **Runway** – The major takeoff and landing surfaces of an airfield also includes paved landing strips. May also be called an aerodrome.
- **Taxiways** – Surfaces on which the aircraft move to and from runway surfaces

- **Parking Ramps** – Surfaces on which aircraft are parked or staged.
- **Landing Strips** – An unpaved landing area with limited or no refueling facilities.
- **Helipads** – Surfaces on which helicopters takeoff and land.

3.19.2.2 Drivers

- GEO*Fidelis* Common Installation Picture (CIP)
- internet Navy Facilities Assets Data Store (iNFADS)
- United States Marine Corps Enterprise MAXIMO Facilities Management Program (USMCMax)
- Naval Facilities Engineering Services Command (NFESC) – Explosive Safety Siting (ESS)
- Naval Treaty Implementation Program (NTIP)

3.19.2.3 File Name and Attributes

SDSFIE Entity Set:	transportation
ESRI Feature Dataset:	transportation_air
SDSFIE Entity Class:	transportation_air
SDSFIE Entity Type:	airfield_surface_area
ESRI Feature Class:	airfield_surface_area
SDSFIE Table:	trairsur
Object Type:	Polygon
Required Attributes: The TRAIRSUR table contains 83 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
AIR_SUR_ID	**Description:** (Primary Key) Unique identifier for each airfield surface area polygon. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character

	Length: 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
RUN_STT_D	**Description:** The predominant status of the airfield surface facility area. Valid values are those included in the SDS domain list which can be found in Appendix D. The following values will be added to "d_airstt": "Unknown", and "Other". Unknown – The status of the airfield is unknown. Other – The status of the airfield is not listed. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_airstt **Precision:** **Scale:**
SUR_USE_D	**Description:** Subtype – The primary purpose of the surface of the airfield. Valid values are those included in the SDS domain list which can be found in Appendix D. The following values will be added to "d_suruse": "Unknown", and "Other". Unknown – The use of the surface is unknown. Other – The use of the surface is not listed. **Data Type:** Character

	Length: 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_suruse **Precision:** **Scale:**
FACIL_ID	**Description:** (Foreign Key) The unique NFA number for the airfield surface area polygon. **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
PAVED_D	**Description:** The paving status of the airfield surface area polygon. Valid values are those included in the SDS domain list which can be found in Appendix D. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_boolen **Precision:** **Scale:**

3.19.3 footbridge_area

3.19.3.1 Description

A footbridge is an elevated pedestrian walkway.

3.19.3.2 Drivers

- GEO*Fidelis* Common Installation Picture (CIP)
- Internet Navy Facilities Assets Data Store (iNFADS)
- United States Marine Corps Enterprise MAXIMO Facilities Management Program (USMCMax)

- Naval Treaty Implementation Program (NTIP)

3.19.3.3 File Name and Attributes

SDSFIE Entity Set:	transportation
ESRI Feature Dataset:	transportation_pedestrian
SDSFIE Entity Class:	transportation_pedestrian
SDSFIE Entity Type:	footbridge_area
ESRI Feature Class:	footbridge_area
SDSFIE Table:	trpedbrg
Object Type:	Polygon
Required Attributes: The TRPEDBRG table contains 39 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
FOOTBRG_ID	**Description:** (Primary Key) Unique identifier for each footbridge polygon. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:**

	Assigned Domain: **Precision:** **Scale:**
STATUS_D	**Description:** Subtype – The current operational status of the footbridge. Valid values are those included in the SDS domain list which can be found in Appendix D. The following value will be added to "d_usetyp": "Other". Other – The status is not listed. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_usetyp **Precision:** **Scale:**
BRDG_TY_D	**Description:** The type of footbridge. Valid values are those included in the SDS domain list which can be found in Appendix D. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_brgtyp **Precision:** **Scale:**
FACIL_ID	**Description:** (Foreign Key) The unique NFA number for the footbridge area. **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**

3.19.4 pedestrian_sidewalk_area

3.19.4.1 Description

A sidewalk is a paved or concrete pad used as a pedestrian walkway.

3.19.4.2 Drivers

- GEO*Fidelis* Common Installation Picture (CIP)
- Internet Navy Facilities Assets Data Store (iNFADS)
- United States Marine Corps Enterprise MAXIMO Facilities Management Program (USMCMax)
- Range Environmental Vulnerability Assessment (REVA)
- Naval Treaty Implementation Program (NTIP)

3.19.4.3 File Name and Attributes

SDSFIE Entity Set:	transportation
ESRI Feature Dataset:	transportation_pedestrian
SDSFIE Entity Class:	transportation_pedestrian
SDSFIE Entity Type:	pedestrian_sidewalk_area
ESRI Feature Class:	pedestrian_sidewalk_area
SDSFIE Entity Class:	trpedwlk
Object Type:	Polygon
Required Attributes: The TRPEDWLK table contains 54 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
WALK_ID	**Description:** (Primary Key) Unique identifier for each pedestrian sidewalk area polygon. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No

	Default Value: **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
STATUS_D	**Description:** Subtype – The operational status of the pedestrian sidewalk area polygon. Valid values are those included in the SDS domain list which can be found in Appendix D. The following value will be added to "d_usetyp": "Other". Other – The status is not listed. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_usetyp **Precision:** **Scale:**
WALK_MAT_D	**Description:** The material that the pedestrian sidewalk area polygon is made of. Valid values are those included in the SDS domain list which can be found in Appendix D. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_strmat **Precision:**

	Scale:
FACIL_ID	**Description:** (Foreign Key) The unique NFA number for the pedestrian sidewalk area polygon. **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**

3.19.5 mooring_facility_area

3.19.5.1 Description

A mooring facility is any fixed structure which can be used to moor or tie-up vessels such as a pier, dock, or wharf.

3.19.5.2 Drivers

- GEO*Fidelis* Common Installation Picture (CIP)
- Internet Navy Facilities Assets Data Store (iNFADS)
- Naval Facilities Engineering Services Command (NFESC) – Explosive Safety Siting (ESS)
- Naval Treaty Implementation Program (NTIP)

3.19.5.3 File Name and Attributes

SDSFIE Entity Set:	transportation
ESRI Feature Dataset:	transportation_water
SDSFIE Entity Class:	transportation_ports_and_harbors
SDSFIE Entity Type:	mooring_facility_area
ESRI Feature Class:	mooring_facility_area
SDSFIE Table:	trhrbmor
Object Type:	Polygon
Required Attributes:	

The TRHRBMOR table contains 43 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
FACILTY_ID	**Description:** (Primary Key) Unique identifier for each mooring facility area polygon. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
FAC_TYPE_D	**Description:** Subtype – The type of mooring. Valid values are those included in the SDS domain list which can be found in Appendix D. The following values will be added to "d_morfac": "Unknown", and "Other". Unknown – The type of mooring is unknown. Other – The type of mooring is not listed. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_morfac **Precision:**

	Scale:
FEAT_NAME	**Description:** Name or number of the mooring facility area polygon. **Data Type:** Character **Length:** 30 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
FACIL_ID	**Description:** (Foreign Key) The unique NFA number for the mooring facility area polygon. **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
PRI_MATL_D	**Description:** The material that the mooring facility area polygon is comprised of. Valid values are those included in the SDS domain list which can be found in Appendix D. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_strmat **Precision:** **Scale:**

3.19.6 railroad_bridge_area

3.19.6.1 Description

A railroad bridge is a structure used by a railroad that allows passage over an obstacle such as a river, chasm, mountain, or road.

3.19.6.2 Drivers

- GEO*Fidelis* Common Installation Picture (CIP)
- Internet Navy Facilities Assets Data Store (iNFADS)
- Naval Treaty Implementation Program (NTIP)

3.19.6.3 File Name and Attributes

SDSFIE Entity Set:	transportation
ESRI Feature Dataset:	transportation_rroad
SDSFIE Entity Class:	transportation_railroad
SDSFIE Entity Type:	railroad_bridge_area
ESRI Feature Class:	railroad_bridge_area
SDSFIE Table:	trrrdbrg
Object Type:	Polygon
Required Attributes: The TRRRDBRG table contains 77 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
RRBRIDG_ID	**Description:** (Primary Key) Unique identifier for each railroad bridge area polygon. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s).

	Data Type: Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
STRUCT_NUM	**Description:** A locally assigned structure number for the bridge. **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
FACIL_ID	**Description:** (Foreign Key) The unique NFA number for the railroad bridge area polygon. **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
BRIG_TY_D	**Description:** Subtype – The type of railroad bridge. Valid values are those included in the SDS domain list which can be found in Appendix D. The following value will be added to "d_brgdis": "Unknown". Unknown – The type of bridge is unknown. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_brgdis

	Precision: **Scale:**
DISPOSTN_D	**Description:** The current operational status of the railroad bridge. Valid values are those included in the SDS domain list which can be found in Appendix D. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_dpobj **Precision:** **Scale:**

3.19.7 railroad_centerline

3.19.7.1 Description

A railroad centerline is the center of a railway as measured from the outside edge of the rails. The centerline will be comprised of segments that represent rail portions with similar characteristics such as the number of tracks or the segment between two switches.

3.19.7.2 Drivers

- GEO*Fidelis* Common Installation Picture (CIP)
- internet Navy Facilities Assets Data Store (iNFADS)
- United States Marine Corps Enterprise MAXIMO Facilities Management Program (USMCMax)
- Naval Facilities Engineering Services Command (NFESC) – Explosive Safety Siting (ESS)
- Naval Treaty Implementation Program (NTIP)

3.19.7.3 File Name and Attributes

SDSFIE Entity Set:	transportation
ESRI Feature Dataset:	transportation_rroad
SDSFIE Entity Class:	transportation_railroad
SDSFIE Entity	railroad_centerline

Type:	
ESRI Feature Class:	railroad_centerline
SDSFIE Table:	trrrdcrl
Object Type:	Polyline
Required Attributes: The TRRRDCRL table contains 42 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
RAILRD_ID	**Description:** (Primary Key) Unique identifier for each railroad centerline segment. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
LINE_STT_D	**Description:** Subtype – The current operational status of the railroad centerline segment. Valid values are those included in the SDS domain list which can be found in Appendix D. The following value will be added to "d_usetyp": "Other". Other – The status is not listed.

	Data Type: Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_rsttyp **Precision:** **Scale:**
FACIL_ID	**Description:** (Foreign Key) The unique NFA number for the railroad centerline segment. **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
FEAT_NAME	**Description:** Name of the railroad line. **Data Type:** Character **Length:** 30 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
TRAF_VOL_D	**Description:** Traffic volume for this segment. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_rrvol **Precision:** **Scale:**

3.19.8 railroad_yard_area

3.19.8.1 Description

A railroad yard is an area containing a system of tracks for storage and maintenance of cars and the making-up of trains.

3.19.8.2 Drivers

- Naval Facilities Engineering Services Command (NFESC) – Explosive Safety Siting (ESS)

3.19.8.3 File Name and Attributes

SDSFIE Entity Set:	transportation
ESRI Feature Dataset:	transportation_rroad
SDSFIE Entity Class:	transportation_railroad
SDSFIE Entity Type:	railroad_yard_area
ESRI Feature Class:	railroad_yard_area
SDSFIE Table:	trrrdyrd
Object Type:	Polygon
Required Attributes: The TRRRDYRD table contains 24 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
RRYARD_ID	**Description:** (Primary Key) Unique identifier for each railroad yard area polygon. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:**

	Scale:
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
FACIL_ID	**Description:** (Foreign Key) The unique NFA number for the railroad yard area polygon. **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
YARD_NAME	**Description:** A name that represent the railroad yard. **Data Type:** Character **Length:** 60 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
FEAT_DESC	**Description:** A brief description of the railroad yard. **Data Type:** Character **Length:** 60 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:**

	Scale:

3.19.9 curb_line

3.19.9.1 Description

A curb is a rim of concrete or joined stones that forms the edge of the roadway and beginning of a sidewalk, if present, or a dividing barrier.

3.19.9.2 Drivers

- Naval Treaty Implementation Program (NTIP)

3.19.9.3 File Name and Attributes

SDSFIE Entity Set:	transportation
ESRI Feature Dataset:	transportation_vehicle
SDSFIE Entity Class:	transportation_vehicle
SDSFIE Entity Type:	curb_line
ESRI Feature Class:	curb_line
SDSFIE Table:	trvehcrb
Object Type:	Polyline
Required Attributes: The TRVEHCRB table contains 46 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
CURB_ID	**Description:** (Primary Key) Unique identifier for each curb line segment. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**

META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
CURB_DESC	**Description:** A description of special characteristics of the curb or divider. **Data Type:** Character **Length:** 60 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
CURB_MAT_D	**Description:** Type of material the curb is made of. Valid values are those included in the SDS domain list which can be found in Appendix D. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_strmat **Precision:** **Scale:**

3.19.10 road_bridge_area

3.19.10.1 Description

A road bridge is a structure used by vehicles that allows passage over or under an obstacle such as a river, chasm, mountain, road or railroad.

3.19.10.2 Drivers

- GEO*Fidelis* Common Installation Picture (CIP)

- Internet Navy Facilities Assets Data Store (iNFADS)
- Naval Treaty Implementation Program (NTIP)

3.19.10.3 File Name and Attributes

SDSFIE Entity Set:	transportation
ESRI Feature Dataset:	transportation_vehicle
SDSFIE Entity Class:	transportation_vehicle
SDSFIE Entity Type:	road_bridge_area
ESRI Feature Class:	road_bridge_area
SDSFIE Table:	trvehbrg
Object Type:	Polygon
Required Attributes: The TRVEHBRG table contains 95 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
BRIDGE_ID	**Description:** (Primary Key) Unique identifier for each road bridge area polygon. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes

	Default Value: **Assigned Domain:** **Precision:** **Scale:**
RD_SEG_ID	**Description:** (Foreign Key) Used to link the record to a road segment. **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
STRUCT_NUM	**Description:** A locally assigned structure number for the bridge. **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
FACIL_ID	**Description:** (Foreign Key) The unique NFA number for the road bridge polygon. **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
FEAT_NAME	**Description:** Common name for the road bridge. **Data Type:** Character **Length:** 30

	Allow Null Values: Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
BRDG_STT_D	**Description:** The current operational status of the road bridge. Valid values are those included in the SDS domain list which can be found in Appendix D. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_dpobj **Precision:** **Scale:**
BRIG_TY_D	**Description:** Subtype – The type of road bridge. Valid values are those included in the SDS domain list which can be found in Appendix D. The following values will be added to "d_brgdis": "Unknown". Unknown – The type of bridge is unknown. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_brgdis **Precision:** **Scale:**

3.19.11 road_centerline

3.19.11.1 Description

A road centerline is the center of the roadway as measured from the edge of the paved surface. The segments of a road centerline will coincide with the road segments in order to have similar characteristics.

3.19.11.2 Drivers

- GEO*Fidelis* Common Installation Picture (CIP)

- Internet Navy Facilities Assets Data Store (iNFADS)
- United States Marine Corps Enterprise MAXIMO Facilities Management Program (USMCMax)
- Naval Facilities Engineering Services Command (NFESC) – Explosive Safety Siting (ESS)
- Range Environmental Vulnerability Assessment (REVA)
- Naval Treaty Implementation Program (NTIP)

3.19.11.3 File Name and Attributes

SDSFIE Entity Set:	transportation
ESRI Feature Dataset:	transportation_vehicle
SDSFIE Entity Class:	transportation_vehicle
SDSFIE Entity Type:	road_centerline
ESRI Feature Class:	road_centerline
SDSFIE Table:	trvehrcl
Object Type:	Polyline
Required Attributes: The TRVEHRCL table contains 55 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
CLINE_ID	**Description:** (Primary Key) Unique identifier for each road centerline segment. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s).

	Data Type: Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
CATETORY_D	**Description:** Subtype – The importance of the road centerline. Valid values are those included in the SDS domain list which can be found in Appendix D. The following values will be added to "d_rodtyp": "Unknown", and "Other". Unknown – The priority is unknown. Other – The priority is not listed. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_rodtyp **Precision:** **Scale:**
NUM_LANES	**Description:** The total number of lanes of traffic, counting both directions, not including turning lanes. **Data Type:** Short Integer **Length:** **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** 10 **Scale:**
FACIL_ID	**Description:** (Foreign Key) The unique NFA number for the road centerline segment. **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes

	Default Value: **Assigned Domain:** **Precision:** **Scale:**
USE_TYP_D	**Description:** Indicates if the road centerline segment is active or not. Valid values are those included in the SDS domain list which can be found in Appendix D. The following value will be added to "d_usetyp": "Other". Other – The status is not listed. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_usetyp **Precision:** **Scale:**
ROAD_NAME	**Description:** Name of the road. **Data Type:** Character **Length:** 64 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
RAMP_D	**Description:** If the road is a ramp or not. Valid values are those included in the SDS domain list which can be found in Appendix D. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_boolen **Precision:** **Scale:**

3.19.12 road_feature_point

3.19.12.1 Description

A road feature is a feature associated with a road such as road signs, and traffic lights.

3.19.12.2 Drivers

- Naval Treaty Implementation Program (NTIP)

3.19.12.3 File Name and Attributes

SDSFIE Entity Set:	transportation
ESRI Feature Dataset:	transportation_vehicle
SDSFIE Entity Class:	transportation_vehicle
SDSFIE Entity Type:	road_feature_point
ESRI Feature Class:	road_feature_point
SDSFIE Table:	trvehfet
Object Type:	Point
Required Attributes: The TRVEHFET table contains 32 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
RD_FET_ID	**Description:** (Primary Key) Unique identifier for each road feature point. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s).

	Data Type: Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
FEAT_TYP_D	**Description:** Subtype – Type of road feature point. Valid values are those included in the SDS domain list which can be found in Appendix D. The following values will be added to "d_drdfet": "Unknown", and "Other". Unknown – The type of feature is unknown. Other – The type of feature is not listed. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_drdfet **Precision:** **Scale:**
FEAT_LOC	**Description:** A description of the features location with respect to the road; i.e. suspended overhead. **Data Type:** Character **Length:** 30 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
FEAT_DESC	**Description:** A general description of the road feature itself. **Data Type:** Character **Length:** 60 **Allow Null Values:** Yes **Default Value:**

	Assigned Domain: **Precision:** **Scale:**
RD_SEG_ID	**Description:** (Foreign Key) Used to link the record to a road segment. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
FACIL_ID	**Description:** (Foreign Key) The unique NFA number for the road feature point. **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**

3.19.13 road_area

3.19.13.1 Description

This description was created by the GEO*Fidelis* Program and differs from SDSFIE 2.600.

A road area is an open, generally public way for the passage of vehicles with similar characteristics such as the number of lanes or surface type.

3.19.13.2 Drivers

- GEO*Fidelis* Common Installation Picture (CIP)
- Internet Navy Facilities Assets Data Store (iNFADS)
- United States Marine Corps Enterprise MAXIMO Facilities Management Program (USMCMax)
- Naval Facilities Engineering Services Command (NFESC) – Explosive Safety Siting (ESS)

- Range Environmental Vulnerability Assessment (REVA)
- Naval Treaty Implementation Program (NTIP)

3.19.13.3 File Name and Attributes

SDSFIE Entity Set:	transportation
ESRI Feature Dataset:	transportation_vehicle
SDSFIE Entity Class:	transportation_vehicle
SDSFIE Entity Type:	road_area
ESRI Feature Class:	road_area
SDSFIE Table:	trvehrds
Object Type:	Polygon
Required Attributes: The TRVEHRDS table contains 80 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
RD_SEG_ID	**Description:** (Primary Key) Unique identifier for each road area polygon. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:**

	Precision: **Scale:**
PAVED_D	**Description:** Subtype – The paving status of the road area polygon. Valid values are those included in the SDS domain list which can be found in Appendix D. The following values will be added to "d_pavstt": "Unknown", and "Other". Unknown – The paving status is unknown. Other – The paving status is not listed. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_pavstt **Precision:** **Scale:**
NUM_LANES	**Description:** The total number of lanes of traffic, counting both directions, not including turning lanes. **Data Type:** Short Integer **Length:** **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** 10 **Scale:**
SEG_TYP_D	**Description:** The importance of the road area polygon. Valid values are those included in the SDS domain list which can be found in Appendix D. The following values will be added to "d_rodtyp": "Unknown", and "Other". Unknown – The priority is unknown. Other – The priority is not listed. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:**

	Assigned Domain: d_rodtyp **Precision:** **Scale:**
FACIL_ID	**Description:** (Foreign Key) The unique NFA number for the road area polygon. **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
SRF_TYP_D	**Description:** The type of material that makes up the road area polygon. Valid values are those included in the SDS domain list which can be found in Appendix D. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_trnmat **Precision:** **Scale:**
ROAD_NAME	**Description:** Name of the road. **Data Type:** Character **Length:** 30 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
RAMP_D	**Description:** If the road is a ramp or not. Valid values are those included in the SDS domain list which can be found in Appendix D. **Data Type:** Character

	Length: 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_boolen **Precision:** **Scale:**

3.19.14 vehicle_accident_point

3.19.14.1 Description

A vehicle accident point is the location of a vehicular accident.

3.19.14.2 Drivers

3.19.14.3 File Name and Attributes

SDSFIE Entity Set:	transportation
ESRI Feature Dataset:	transportation_vehicle
SDSFIE Entity Class:	transportation_vehicle
SDSFIE Entity Type:	vehicle_accident_point
ESRI Feature Class:	vehicle_accident_point
SDSFIE Table:	trvehacc
Object Type:	Point
Required Attributes: The TRVEHACC table contains 26 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
VEHACCD_ID	**Description:** (Primary Key) Unique identifier for each vehicle accident point. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No

	Default Value: **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
ACC_TYPE	**Description:** A description of the vehicle accident. **Data Type:** Character **Length:** 25 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
INJURIES_D	**Description:** A Boolean indicating the presence of injuries. Valid values are those included in the SDS domain list which can be found in Appendix D. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_boolen **Precision:** **Scale:**
WEATHER_D	**Description:** The code that represents a description of the weather at the time of the event. Valid values are those included in the SDS domain list which can be found in Appendix D. The following value will be added to

	"d_weathr": "Unknown", and "Other". Unknown – The type of weather is unknown. Other – The type of weather is not listed. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_weathr **Precision:** **Scale:**
PARKING_ID	**Description:** (Foreign Key) Links the record to TRVEHPRK through primary key PARKING_ID. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
BRIDGE_ID	**Description:** (Foreign Key) Links the record to TRVEHBRG through primary key BRIDGE_ID. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
RD_SEG_ID	**Description:** (Foreign Key) Links the record to TRVEHRDS through primary key RD_SEG_ID. RD_SEG_ID is a custom field, definition: character, 16, appended to the end of the SDSFIE table as the first custom field. **Data Type:** Character **Length:** 16

	Allow Null Values: Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**

3.19.15 vehicle_driveway_area

3.19.15.1 Description

A vehicle driveway is an access to a residence or other vehicle parking lot or storage area.

3.19.15.2 Drivers

- GEO*Fidelis* Common Installation Picture (CIP)
- Internet Navy Facilities Assets Data Store (iNFADS)
- United States Marine Corps Enterprise MAXIMO Facilities Management Program (USMCMax)
- Range Environmental Vulnerability Assessment (REVA)
- Naval Treaty Implementation Program (NTIP)

3.19.15.3 File Name and Attributes

SDSFIE Entity Set:	transportation
SDSFIE Entity Class:	transportation_vehicle
ESRI Feature Dataset:	transportation_vehicle
SDSFIE Entity Type:	vehicle_driveway_area
ESRI Feature Class:	vehicle_driveway_area
SDSFIE Table:	trvehdrv
Object Type:	Polygon
Required Attributes: The TRVEHDRV table contains 23 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	

DRVWAY_ID	**Description:** (Primary Key) Unique identifier for each vehicle driveway area polygon. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
PAVED_D	**Description:** Subtype – The paving status of the vehicle driveway area polygon. Valid values are those included in the SDS domain list which can be found in Appendix D. The following values will be added to "d_pavstt": "Unknown", and "Other". Unknown – The paving status is unknown. Other – The paving status is not listed. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_pavstt **Precision:** **Scale:**
SURF_MAT_D	**Description:** The material that makes up the vehicle driveway area. Valid values are those included in the SDS domain list

	which can be found in Appendix D. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_trnmat **Precision:** **Scale:**
FACIL_ID	**Description:** (Foreign Key) The unique NFA number for the vehicle driveway area polygon. **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**

3.19.16 vehicle_parking_area

3.19.16.1 Description

A vehicle parking area is an area used for parking vehicles not including residential streets and driveways.

3.19.16.2 Drivers

- GEO*Fidelis* Common Installation Picture (CIP)
- Internet Navy Facilities Assets Data Store (iNFADS)
- United States Marine Corps Enterprise MAXIMO Facilities Management Program (USMCMax)
- Naval Facilities Engineering Services Command (NFESC) – Explosive Safety Siting (ESS)
- Range Environmental Vulnerability Assessment (REVA)
- Naval Treaty Implementation Program (NTIP)

3.19.16.3 File Name and Attributes

SDSFIE Entity Set:	transportation

ESRI Feature Dataset:	transportation_vehicle
SDSFIE Entity Class:	transportation_vehicle
SDSFIE Entity Type:	vehicle_parking_area
ESRI Feature Class:	vehicle_parking_area
SDSFIE Table:	trvehprk
Object Type:	Polygon

Required Attributes:

The TRVEHPRK table contains 43 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:

PARKING_ID	**Description:** (Primary Key) Unique identifier for each vehicle parking area polygon. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**

TOT_SPACES	**Description:** The total parking spaces available in the area including handicapped or reserved spaces. **Data Type:** Integer **Length:** **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** 10 **Scale:**
PAVED_D	**Description:** Subtype – The paving status of the vehicle parking lot. Valid values are those included in the SDS domain list which can be found in Appendix D. The following values will be added to "d_pavstt": "Unknown", and "Other". Unknown – The paving status is unknown. Other – The paving status is not listed. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_pavstt **Precision:** **Scale:**
FACIL_ID	**Description:** (Foreign Key) The unique NFA number for the vehicle driveway area polygon. **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
FEAT_DESC	**Description:** A description of the vehicle parking area. **Data Type:** Character **Length:** 60

	Allow Null Values: Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
SRF_TYPE_D	**Description:** Type of materials used to construct the surface of the vehicle parking area. Valid values are those included in the SDS domain list which can be found in Appendix D. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_trnmat **Precision:** **Scale:**
VEH_DAY	**Description:** Average number of vehicles per day for the vehicle parking area. **Data Type:** Integer **Length:** **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** 10 **Scale:**
PARK_USE_D	**Description:** Primary use of the vehicle parking area. Valid values are those included in the SDS domain list which can be found in Appendix D. The following values will be added to "d_prkuse": "Other". Other – The use is not listed. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_prkuse **Precision:**

	Scale:
FEAT_NAME	**Description:** Name for the parking area. **Data Type:** Character **Length:** 30 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
STRIPING_D	**Description:** If the vehicle parking area is striped or not. Valid values are those included in the SDS domain list which can be found in Appendix D. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_boolen **Precision:** **Scale:**
LIGHTING_D	**Description:** If the vehicle parking area includes lighting or not. Valid values are those included in the SDS domain list which can be found in Appendix D. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_boolen **Precision:** **Scale:**
VEHTYPE_D	**Description:** The type of vehicles located in the parking area. Valid values are those included in the SDS domain list which can be found in Appendix D. The following values will be added to "d_vehtyp": "Other", and "Unknown". Other – The type of vehicle is not listed. Unknown – The type of vehicle is unknown.

	Data Type: Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_vehtyp **Precision:** **Scale:**

3.20 UTILITIES

3.20.1 compressed_air_pipe_line

3.20.1.1 Description

A compressed air pipe line is a pipe used to carry compressed air from location to location.

3.20.1.2 Drivers

- Naval Facilities Engineering Services Command (NFESC) – Explosive Safety Siting (ESS)

3.20.1.3 File Name and Attributes

SDSFIE Entity Set:	utilities
ESRI Feature Dataset:	utilities_air
SDSFIE Entity Class:	utilities_compressed_air_system
SDSFIE Entity Type:	compressed_air_pipe_line
ESRI Feature Class:	compressed_air_pipe_line
SDSFIE Table	utairpip
Object Type:	Polyline
Required Attributes: The UTAIRPIP table contains 21 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
AIRPIPE_ID	**Description:** (Primary Key) Unique identifier for each compressed air line segment. This unique ID may be generated

	in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**

3.20.2 electrical_cable_line

3.20.2.1 Description

An electrical cable line is a group of conductors used to carry electrical energy from point to point.

3.20.2.2 Drivers

- Naval Facilities Engineering Services Command (NFESC) – Explosive Safety Siting (ESS)

3.20.2.3 File Name and Attributes

SDSFIE Entity Set:	utilities
ESRI Feature Dataset:	utilities_electrical
SDSFIE Entity Class:	utilities_electrical_system
SDSFIE Entity Type:	electrical_cable_line
ESRI Feature Class:	electrical_cable_line
SDSFIE Table	utelecgp

Object Type:	Polyline
Required Attributes: The UTELECGP table contains 50 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
CBLGRP_ID	**Description:** (Primary Key) Unique identifier for each electrical cable line segment. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
INSTL_TY_D	**Description:** Subtype – The type of electrical cable line. Valid values are those included in the SDS domain list which can be found in Appendix D. The following values will be added to "d_dcbl": "Other". Other – The type of electrical cable line is not listed. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_dcbl **Precision:** **Scale:**

3.20.3 electrical_junction_point

3.20.3.1 Description

An electrical junction point is a box or small vault (usually concrete, brick, or metal) typically located below grade with above grade access in which cables intersect, connect, or pass through.

3.20.3.2 Drivers

3.20.3.3 File Name and Attributes

SDSFIE Entity Set:	utilities
ESRI Feature Dataset:	utilities_electrical
SDSFIE Entity Class:	utilities_electrical_system
SDSFIE Entity Type:	electrical_junction_point
ESRI Feature Class:	electrical_junction_point
SDSFIE Table	utelemh
Object Type:	Point
Required Attributes: The UTELEMH table contains 34 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
ELEMNHL_ID	**Description:** (Primary Key) Unique identifier for each electrical junction point. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes

	Default Value: **Assigned Domain:** **Precision:** **Scale:**
USE_D	**Description:** Subtype – The type of electrical junction point. Valid values are those included in the SDS domain list which can be found in Appendix D. The following values will be added to "d_delemh": "Unknown", and "Other". Unknown – The type of electrical junction is unknown. Other – The type of electrical junction is not listed. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_delemh **Precision:** **Scale:**

3.20.4 electrical_transformer_bank_point

3.20.4.1 Description

An electrical transformer bank point is a location containing one or more transformers.

3.20.4.2 Drivers

3.20.4.3 File Name and Attributes

SDSFIE Entity Set:	utilities
ESRI Feature Dataset:	utilities_electrical
SDSFIE Entity Class:	utilities_electrical_system
SDSFIE Entity Type:	electrical_transformer_bank_point
ESRI Feature Class:	elect_transformr_bank_point
SDSFIE Table	uteletbk
Object Type:	Point
Required Attributes:	

The UTELETBK table contains 39 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
TRANBNK_ID	**Description:** (Primary Key) Unique identifier for each electrical transformer bank point. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
MOUNT_D	**Description:** Subtype – The type of mounting for the electrical transformer bank point. Valid values are those included in the SDS domain list which can be found in Appendix D. The following values will be added to "d_dtbkmt": "Unknown", and "Other". Unknown – The type of mounting is unknown. Other – The type of mounting is not listed. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_dtbkmt **Precision:** **Scale:**

3.20.5 fuel_line

3.20.5.1 Description

A fuel line is a pipe used to carry fuel from location to location (main line, service line, vent line, etc).

3.20.5.2 Drivers

- Naval Facilities Engineering Services Command (NFESC) – Explosive Safety Siting (ESS)
- Naval Treaty Implementation Program (NTIP)

3.20.5.3 File Name and Attributes

SDSFIE Entity Set:	utilities
ESRI Feature Dataset:	utilities_fuel
SDSFIE Entity Class:	utilities_fuel_system
SDSFIE Entity Type:	fuel_line
ESRI Feature Class:	fuel_line
SDSFIE Table	utfulpip
Object Type:	Point
Required Attributes: The UTFULPIP table contains 52 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
FULPIPE_ID	**Description:** (Primary Key) Unique identifier for each fuel line segment. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**

META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
USE_D	**Description:** Subtype – The type of fuel line. Valid values are those included in the SDS domain list which can be found in Appendix D. The following values will be added to "d_fulpip": "Unknown", and "Other". Unknown – The type of fuel line is unknown. Other – The type of fuel line is not listed. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_fulpip **Precision:** **Scale:**

3.20.6 natural_gas_line

3.20.6.1 Description

A natural gas line is a pipe used to carry natural gas from location to location (main line, service line, vent line, etc).

3.20.6.2 Drivers

- Naval Facilities Engineering Services Command (NFESC) – Explosive Safety Siting (ESS)

3.20.6.3 File Name and Attributes

SDSFIE Entity Set:	utilities
ESRI Feature Dataset:	utilities_gas
SDSFIE Entity Class:	utilities_natural_gas_system
SDSFIE Entity Type:	natural_gas_line

ESRI Feature Class:	natural_gas_line
SDSFIE Table	utgaspip
Object Type:	Polyline
Required Attributes: The UTGASPIP table contains 52 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
GASPIPE_ID	**Description:** (Primary Key) Unique identifier for each natural gas line segment. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
USE_D	**Description:** Subtype – The type of natural gas line. Valid values are those included in the SDS domain list which can be found in Appendix D. The following values will be added to "d_gaspip": "Unknown", and "Other". Unknown – The type of natural gas line is unknown. Other – The type of natural gas line is not listed. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_gaspip **Precision:**

	Scale:

3.20.7 natural_gas_valve_point

3.20.7.1 Description

A natural gas valve is a fitting or device used for shutting or throttling flow through a natural gas line.

3.20.7.2 Drivers

3.20.7.3 File Name and Attributes

SDSFIE Entity Set:	utilities
ESRI Feature Dataset:	utilities_gas
SDSFIE Entity Class:	utilities_natural_gas_system
SDSFIE Entity Type:	natural_gas_valve_point
ESRI Feature Class:	natural_gas_valve_point
SDSFIE Table	utgasvlv
Object Type:	Point
Required Attributes: The UTGASVLV table contains 31 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
GASVLV_ID	**Description:** (Primary Key) Unique identifier for each natural gas valve point. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character

	Length: 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
USE_D	**Description:** Subtype – The type of natural gas valve point. Valid values are those included in the SDS domain list which can be found in Appendix D. The following values will be added to "d_dgasvl": "Unknown", and "Other". Unknown – The type of natural gas valve is unknown. Other – The type of natural gas valve is not listed. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_dgasvl **Precision:** **Scale:**

3.20.8 natural_gas_junction_point

3.20.8.1 Description

A natural gas junction is a box or small vault (usually concrete, brick, or cast iron) in natural gas systems located below grade with above grade access where pipes intersect. The manhole also houses associated fittings, valves, meters, etc.

3.20.8.2 Drivers

3.20.8.3 File Name and Attributes

SDSFIE Entity Set:	utilities
ESRI Feature Dataset:	utilities_gas
SDSFIE Entity Class:	utilities_natural_gas_system
SDSFIE Entity Type:	natural_gas_junction_point
ESRI Feature Class:	natural_gas_junction_point
SDSFIE Table	utgasmh

Object Type:	Point
Required Attributes: The UTGASMH table contains 36 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
GASMNHL_ID	**Description:** (Primary Key) Unique identifier for each natural gas junction point. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
USE_D	**Description:** Subtype – The type of natural gas junction point. Valid values are those included in the SDS domain list which can be found in Appendix D. The following values will be added to "d_dgasmh": "Unknown", and "Other". Unknown – The type of junction is unknown. Other – The type of natural gas line is not listed. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_dgasmh **Precision:** **Scale:**

3.20.9 utility_pole_tower_point

3.20.9.1 Description

A utility pole is a structure used to elevate wires, cables, or other lines above the ground surface.

3.20.9.2 Drivers

- Naval Facilities Engineering Services Command (NFESC) – Explosive Safety Siting (ESS)
- Naval Treaty Implementation Program (NTIP)

3.20.9.3 File Name and Attributes

SDSFIE Entity Set:	utilities
ESRI Feature Dataset:	utilities_general
SDSFIE Entity Class:	utilities_general
SDSFIE Entity Type:	utility_pole_tower_point
ESRI Feature Class:	utility_pole_tower_point
SDSFIE Table	utgenpol
Object Type:	Point
Required Attributes: The UTGENPOL table contains 35 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
POLE_ID	**Description:** (Primary Key) Unique identifier for each utility pole point. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**

META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
TYPE_D	**Description:** Subtype – The type of utility pole point. Valid values are those included in the SDS domain list which can be found in Appendix D. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_polety **Precision:** **Scale:**

3.20.10 conduit_centerline

3.20.10.1 Description

A conduit line is a pipe, structure, tube, or tile used to house or protect piping, cables, or wires for various utilities.

3.20.10.2 Drivers

- Naval Facilities Engineering Services Command (NFESC) – Explosive Safety Siting (ESS)

3.20.10.3 File Name and Attributes

SDSFIE Entity Set:	utilities
ESRI Feature Dataset:	utilities_general
SDSFIE Entity Class:	utilities_general
SDSFIE Entity Type:	conduit_centerline
ESRI Feature Class:	conduit_centerline

SDSFIE Table	utgencon
Object Type:	Polyline
Required Attributes: The UTGENCON table contains 50 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
UTCOND_ID	**Description:** (Primary Key) Unique identifier for each conduit line segment. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**

3.20.11 saltwater_line

3.20.11.1 Description

A saltwater line is a pipe used to carry saltwater from location to location.

3.20.11.2 Drivers

- Naval Facilities Engineering Services Command (NFESC) – Explosive Safety Siting (ESS)

3.20.11.3 File Name and Attributes

SDSFIE Entity Set:	utilities
ESRI Feature	utilities_saltwater

Dataset:	
SDSFIE Entity Class:	utilities_saltwater_system
SDSFIE Entity Type:	saltwater_line
ESRI Feature Class:	saltwater_line
SDSFIE Table	utswtpip
Object Type:	Polyline
Required Attributes: The UTSWTPIP table contains 19 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
SWTLINE_ID	**Description:** (Primary Key) Unique identifier for each saltwater line segment. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**

3.20.12 storm_sewer_culvert_line

3.20.12.1 Description

A culvert intercepts and removes ground water or surface water.

3.20.12.2 Drivers

- Naval Treaty Implementation Program (NTIP)

3.20.12.3 File Name and Attributes

SDSFIE Entity Set:	utilities
ESRI Feature Dataset:	utilities_storm
SDSFIE Entity Class:	utilities_storm_system
SDSFIE Entity Type:	storm_sewer_culvert_line
ESRI Feature Class:	storm_sewer_culvert_line
SDSFIE Table	utstoclv
Object Type:	Polyline
Required Attributes: The UTSTOCLV table contains 51 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
CULVERT_ID	**Description:** (Primary Key) Unique identifier for each storm sewer culvert line segment. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:**

	Scale:
GAT_TYPE_D	**Description:** Subtype – The type of gate for the storm sewer culvert line segment. Valid values are those included in the SDS domain list which can be found in Appendix D. The following values will be added to "d_isgate": "Unknown", and "Other". Unknown – The type of gate is unknown. Other – The type of gate is not listed. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_isgate **Precision:** **Scale:**

3.20.13 storm_sewer_line

3.20.13.1 Description

A storm sewer line is a pipe used to carry storm sewer water from location to location (main line, service line, vent line, etc).

3.20.13.2 Drivers

- Naval Facilities Engineering Services Command (NFESC) – Explosive Safety Siting (ESS)
- Range Environmental Vulnerability Assessment (REVA)
- Naval Treaty Implementation Program (NTIP)

3.20.13.3 File Name and Attributes

SDSFIE Entity Set:	utilities
ESRI Feature Dataset:	utilities_storm
SDSFIE Entity Class:	utilities_storm_system
SDSFIE Entity Type:	storm_sewer_line
ESRI Feature Class:	storm_sewer_line
SDSFIE Table	utstopip
Object Type:	Polyline

Required Attributes: The UTSTOPIP table contains 57 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
STOPIPE_ID	**Description:** (Primary Key) Unique identifier for each storm sewer line segment. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
USE_D	**Description:** Subtype – The type of storm sewer line. Valid values are those included in the SDS domain list which can be found in Appendix D. The following values will be added to "d_dpipe": "Unknown", and "Other". Unknown – The type of storm sewer line is unknown. Other – The type of storm sewer line is not listed. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_dpipe **Precision:** **Scale:**

3.20.14 storm_sewer_junction_point

3.20.14.1 Description

A storm sewer junction is a box or small vault (usually concrete, brick, or cast iron) in storm sewer systems located below grade with above grade access where pipes intersect. The manhole also houses associated fittings, valves, meters, etc.

3.20.14.2 Drivers

3.20.14.3 File Name and Attributes

SDSFIE Entity Set:	utilities
ESRI Feature Dataset:	utilities_storm
SDSFIE Entity Class:	utilities_storm_system
SDSFIE Entity Type:	storm_sewer_junction_point
ESRI Feature Class:	storm_sewer_junction_point
SDSFIE Table	utstomh
Object Type:	Point
Required Attributes: The UTSTOMH table contains 34 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
MANHOLE_ID	**Description:** (Primary Key) Unique identifier for each storm sewer junction point. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s).

	Data Type: Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
USE_D	**Description:** Subtype – The type of storm sewer junction point. Valid values are those included in the SDS domain list which can be found in Appendix D. The following values will be added to "d_dstomh": "Unknown", and "Other". Unknown – The type of junction is unknown. Other – The type of junction is not listed. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_dstomh **Precision:** **Scale:**

3.20.15 storm_sewer_valve_point

3.20.15.1 Description

A storm sewer valve is a fitting or device used for shutting or throttling flow through a storm sewer line.

3.20.15.2 Drivers

3.20.15.3 File Name and Attributes

SDSFIE Entity Set:	utilities
ESRI Feature Dataset:	utilities_storm
SDSFIE Entity Class:	utilities_storm_system
SDSFIE Entity Type:	storm_sewer_valve_point
ESRI Feature Class:	storm_sewer_valve_point
SDSFIE Table	utstovlv
Object Type:	Point

Required Attributes: The UTSTOVLV table contains 29 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
STOVLV_ID	**Description:** (Primary Key) Unique identifier for each storm sewer valve point. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**

3.20.16 storm_sewer_drainage_basin_area

3.20.16.1 Description

A storm sewer drainage basin is an area where storm sewer water drains to a point of interest.

3.20.16.2 Drivers

- Range Environmental Vulnerability Assessment (REVA)

3.20.16.3 File Name and Attributes

SDSFIE Entity Set:	utilities
ESRI Feature Dataset:	utilities_storm
SDSFIE Entity	utilities_storm_system

Class:	
SDSFIE Entity Type:	storm_sewer_drainage_basin_area
ESRI Feature Class:	stmswr_drainage_basin_area
SDSFIE Table	utstodbn
Object Type:	Polygon
Required Attributes: The UTSTODBN table contains 27 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
BASIN_ID	**Description:** (Primary Key) Unique identifier for each storm sewer drainage basin area feature. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
AREA_SIZE	**Description:** Area of the storm sewer discharge area polygon.

	Data Type: Double Precision **Length:** **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** 38 **Scale:** 8
AREA_U_D	**Description:** Units of measure for AREA_SIZE. Valid values are those included in the SDS domain list which can be found in Appendix D. **Data Type:** Character **Length:** 16 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** d_uomare **Precision:** **Scale:**
NARRATIVE	**Description:** A description or other unique information concerning the storm sewer drainage basins. **Data Type:** Character **Length:** 240 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**

3.20.17 storm_sewer_discharge_point

3.20.17.1 Description

A storm sewer outfall is a point where runoff discharges from a sewer pipe, ditch, or other conveyance to a receiving body of water.

3.20.17.2 Drivers

- Range Environmental Vulnerability Assessment (REVA)

3.20.17.3 File Name and Attributes

SDSFIE Entity Set:	utilities
ESRI Feature Dataset:	utilities_storm
SDSFIE Entity Class:	utilities_storm_system
SDSFIE Entity Type:	storm_sewer_discharge_point
ESRI Feature Class:	storm_sewer_discharge_point
SDSFIE Table	utstodcg
Object Type:	Point

Required Attributes:

The UTSTODCG table contains 23 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:

STODCRG_ID	**Description:** (Primary Key) Unique identifier for each storm sewer outfall. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes

	Default Value: **Assigned Domain:** **Precision:** **Scale:**
TYPE_D	**Description:** The type of discharge point. Valid values are those included in the SDS domain list which can be found in Appendix D. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_efdchg **Precision:** **Scale:**

3.20.18 heat_cool_line

3.20.18.1 Description

A heating and cooling line is a pipe used to carry heating/cooling substances from location to location (main line, service line, vent line, etc).

3.20.18.2 Drivers

- Naval Facilities Engineering Services Command (NFESC) – Explosive Safety Siting (ESS)

3.20.18.3 File Name and Attributes

SDSFIE Entity Set:	utilities
ESRI Feature Dataset:	utilities_hcs
SDSFIE Entity Class:	utilities_heat_cool_system
SDSFIE Entity Type:	heat_cool_line
ESRI Feature Class:	heat_cool_line
SDSFIE Table	utcspip
Object Type:	Polyline
Required	

Attributes:	
The UTCSPIP table contains 53 attribute fields, all of which must be included in but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
HCSPIPE_ID	**Description:** (Primary Key) Unique identifier for each heating and cooling line segment. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
USE_D	**Description:** Subtype – The use of the heating and cooling line. Valid values are those included in the SDS domain list which can be found in Appendix D. The following values will be added to "d_dhcpip": "Unknown", and "Other". Unknown – The use is unknown. Other – The use is not listed. **Data Type:** Character **Length:** 16 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** d_dhcpip **Precision:** **Scale:**

3.20.19 industrial_waste_line

3.20.19.1 Description

An industrial waste line is a pipe used to carry industrial waste material from location to location (main line, service line, force main line, etc).

3.20.19.2 Drivers

- Naval Facilities Engineering Services Command (NFESC) – Explosive Safety Siting (ESS)

3.20.19.3 File Name and Attributes

SDSFIE Entity Set:	utilities
ESRI Feature Dataset:	utilities_industrial
SDSFIE Entity Class:	utilities_industrial_system
SDSFIE Entity Type:	industrial_waste_line
ESRI Feature Class:	industrial_waste_line
SDSFIE Table	utinwpip
Object Type:	Polyline
Required Attributes: The UTINWPIP table contains 53 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
INWPIPE_ID	**Description:** (Primary Key) Unique identifier for each industrial waste line segment. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**

META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
USE_D	**Description:** Subtype – The type of industrial waste line. Valid values are those included in the SDS domain list which can be found in Appendix D. The following values will be added to "d_dwwtln": "Unknown", and "Other". Unknown – The type of line is unknown. Other – The type of line is not listed. **Data Type:** Character **Length:** 16 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** d_dwwtln **Precision:** **Scale:**

3.20.20 industrial_waste_oil_water_separator_point

3.20.20.1 Description

An industrial waste oil and water separator is a device or structure placed in the industrial waste stream to separate water from oil products.

3.20.20.2 Drivers

- Naval Facilities Engineering Services Command (NFESC) – Explosive Safety Siting (ESS)

3.20.20.3 File Name and Attributes

SDSFIE Entity Set:	utilities
ESRI Feature Dataset:	utilities_industrial
SDSFIE Entity Class:	utilities_industrial_system
SDSFIE Entity Type:	industrial_waste_oil_water_separator_point

ESRI Feature Class:	ind_wste_oil_wat_sep_point
SDSFIE Table	utinwsep
Object Type:	Point
Required Attributes: The UTINWSEP table contains 55 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
INWSEP_ID	**Description:** (Primary Key) Unique identifier for each industrial waste oil and water separator point. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**

3.20.21 pipeline_line

3.20.21.1 Description

A pipeline is an interstate or intrastate transmission line through which gas, oil, or hazardous liquid is transported for the purpose of supplying a local utility.

3.20.21.2 Drivers

- Naval Facilities Engineering Services Command (NFESC) – Explosive Safety Siting (ESS)

- Naval Treaty Implementation Program (NTIP)

3.20.21.3 File Name and Attributes

SDSFIE Entity Set:	utilities
ESRI Feature Dataset:	utilities_transmission
SDSFIE Entity Class:	utilities_transmission_system
SDSFIE Entity Type:	pipeline_line
ESRI Feature Class:	pipe_line
SDSFIE Table	uttxspip
Object Type:	Line
Required Attributes: The UTTXSPIP table contains 53 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
TXPIP_ID	**Description:** (Primary Key) Unique identifier for each pipeline segment. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**

PIPROD_D	**Description:** Subtype – The type of pipeline. Valid values are those included in the SDS domain list which can be found in Appendix D. The following values will be added to "d_piprod": "Unknown", and "Other". Unknown – The type of pipeline is unknown. Other – The type of pipeline is not listed. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_piprod **Precision:** **Scale:**

3.20.22 wastewater_line

3.20.22.1 Description

A wastewater line is a pipe used to carry waste water from location to location (main line, service line, force main line, etc).

3.20.22.2 Drivers

- Naval Facilities Engineering Services Command (NFESC) – Explosive Safety Siting (ESS)

3.20.22.3 File Name and Attributes

SDSFIE Entity Set:	utilities
ESRI Feature Dataset:	utilities_wastewater
SDSFIE Entity Class:	utilities_wastewater_system
SDSFIE Entity Type:	wastewater_line
ESRI Feature Class:	wastewater_line
SDSFIE Table	utwwtpip
Object Type:	Polyline
Required Attributes:	

The UTWWTPIP table contains 59 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
PIPE_ID	**Description:** (Primary Key) Unique identifier for each wastewater line segment. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
USE_D	**Description:** Subtype – The type of wastewater line. Valid values are those included in the SDS domain list which can be found in Appendix D. The following values will be added to "d_dwwtln": "Unknown", and "Other". Unknown – The type of line is unknown. Other – The type of line is not listed. **Data Type:** Character **Length:** 16 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** d_dwwtln **Precision:** **Scale:**

3.20.23 wastewater_valve_point

3.20.23.1 Description

A wastewater valve is a fitting or device used for shutting or throttling flow through a wastewater line.

3.20.23.2 Drivers

3.20.23.3 File Name and Attributes

SDSFIE Entity Set:	utilities
ESRI Feature Dataset:	utilities_wastewater
SDSFIE Entity Class:	utilities_wastewater_system
SDSFIE Entity Type:	wastewater_valve_point
ESRI Feature Class:	wastewater_valve_point
SDSFIE Table	utwwtvlv
Object Type:	Point
Required Attributes: The UTWWTVLV table contains 32 attribute fields, all of which must be but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
WWTVLV_ID	**Description:** (Primary Key) Unique identifier for each wastewater valve point. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20

	Allow Null Values: Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**

3.20.24 wastewater_junction_point

3.20.24.1 Description

A wastewater junction is a box or small vault (usually concrete, brick, or cast iron) in wastewater systems located below grade with above grade access where pipes intersect. The manhole also houses associated fittings, valves, meters, etc.

3.20.24.2 Drivers

3.20.24.3 File Name and Attributes

SDSFIE Entity Set:	utilities
ESRI Feature Dataset:	utilities_wastewater
SDSFIE Entity Class:	utilities_wastewater_system
SDSFIE Entity Type:	wastewater_junction_point
ESRI Feature Class:	wastewater_junction_point
SDSFIE Table	utwwtmh
Object Type:	Point
Required Attributes: The UTWWTMH table contains 43 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
WWTMNHL_ID	**Description:** (Primary Key) Unique identifier for each wastewater junction point. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:**

	Assigned Domain: **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
USE_D	**Description:** Subtype – The type of wastewater junction point. Valid values are those included in the SDS domain list which can be found in Appendix D. The following values will be added to "d_dwwtmh": "Unknown", and "Other". Unknown – The type of junction is unknown. Other – The type of junction is not listed. **Data Type:** Character **Length:** 16 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** d_dwwtmh **Precision:** **Scale:**

3.20.25 water_line

3.20.25.1 Description

A water line is a pipe used to carry water from location to location (main line, service line, vent line, etc).

3.20.25.2 Drivers

- Naval Facilities Engineering Services Command (NFESC) – Explosive Safety Siting (ESS)
- Naval Treaty Implementation Program (NTIP)

3.20.25.3 File Name and Attributes

SDSFIE Entity Set:	utilities
ESRI Feature Dataset:	utilities_water

SDSFIE Entity Class:	utilities_water_system
SDSFIE Entity Type:	water_line
ESRI Feature Class:	water_line
SDSFIE Table	utwatpip
Object Type:	Polyline
Required Attributes: The UTWATPIP table contains 57 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
WATPIPE_ID	**Description:** (Primary Key) Unique identifier for each water line segment. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
USE_D	**Description:** Subtype – The type of water line. Valid values are those included in the SDS domain list which can be found in Appendix D. The following values will be added to "d_watpip": "Unknown", and "Other". Unknown – The type of water line is unknown. Other – The type of water line is not listed. **Data Type:** Character

	Length: 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_watpip **Precision:** **Scale:**

3.20.26 water_valve_point

3.20.26.1 Description

A water valve is a fitting or device used for shutting or throttling flow through a water line.

3.20.26.2 Drivers

3.20.26.3 File Name and Attributes

SDSFIE Entity Set:	utilities
ESRI Feature Dataset:	utilities_water
SDSFIE Entity Class:	utilities_water_system
SDSFIE Entity Type:	water_valve_point
ESRI Feature Class:	water_valve_point
SDSFIE Table	utwatvlv
Object Type:	Point
Required Attributes: The UTWATVLV table contains 33 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
WATVLV_ID	**Description:** (Primary Key) Unique identifier for each water valve point. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:**

	Scale:
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
USE_D	**Description:** Subtype – The type of water valve point. Valid values are those included in the SDS domain list which can be found in Appendix D. The following values will be added to "d_dvlv": "Unknown", and "Other". Unknown – The type of valve is unknown. Other – The type of valve is not listed. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_dvlv **Precision:** **Scale:**

3.20.27 water_junction_point

3.20.27.1 Description

A water junction is a box or small vault (usually concrete, brick, or cast iron) in water systems located below grade with above grade access where pipes intersect. The manhole also houses associated fittings, valves, meters, etc.

3.20.27.2 Drivers

3.20.27.3 File Name and Attributes

SDSFIE Entity Set:	utilities
ESRI Feature Dataset:	utilities_water
SDSFIE Entity Class:	utilities_water_system
SDSFIE Entity Type:	water_junction_point
ESRI Feature	water_junction_point

Class:	
SDSFIE Table	utwatmh
Object Type:	Point
Required Attributes: The UTWATMH table contains 37 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
WATMNHL_ID	**Description:** (Primary Key) Unique identifier for each water junction point. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
USE_D	**Description:** Subtype – The type of water junction point. Valid values are those included in the SDS domain list which can be found in Appendix D. The following values will be added to "d_dwatmh": "Unknown", and "Other". Unknown – The type of junction is unknown. Other – The type of junction is not listed. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_dwatmh **Precision:** **Scale:**

3.20.28 water_hydrant_point

3.20.28.1 Description

A fire hydrant is an apparatus which dispenses fluids.

3.20.28.2 Drivers

3.20.28.3 File Name and Attributes

SDSFIE Entity Set:	utilities
ESRI Feature Dataset:	utilities_water
SDSFIE Entity Class:	utilities_water_system
SDSFIE Entity Type:	water_hydrant_point
ESRI Feature Class:	water_hydrant_point
SDSFIE Table	utwathyd
Object Type:	Point
Required Attributes: The UTWAYHYD table contains 47 attribute fields, all of which must be included but not necessarily populated. Attribute names that are in bold, are required. All other defined attributes are recommended, and all other fields (not listed) may remain empty/null:	
WATHYDR_ID	**Description:** (Primary Key) Unique identifier for each water hydrant point. This unique ID may be generated in any fashion such that each map feature retains a unique value. **Data Type:** Character **Length:** 20 **Allow Null Values:** No **Default Value:** **Assigned Domain:** **Precision:** **Scale:**
META_ID	**Description:** (Foreign Key) Used to link the record to the applicable feature level metadata record(s). **Data Type:** Character **Length:** 20 **Allow Null Values:** Yes

	Default Value: **Assigned Domain:** **Precision:** **Scale:**
DESIGN_D	**Description:** Subtype – The type of water hydrant point. Valid values are those included in the SDS domain list which can be found in Appendix D. The following values will be added to "d_dhydnt": "Unknown", and "Other". Unknown – The type of water hydrant is unknown. Other – The type of water hydrant is not listed. **Data Type:** Character **Length:** 16 **Allow Null Values:** No **Default Value:** **Assigned Domain:** d_dhydnt **Precision:** **Scale:**

Appendix A – GEO*Fidelis* Common Installation Picture Definitions

Common Installation Picture	
Buildings	
structure_existing_area	This entity type will illustrate the location of buildings and certain structures for on USMC installations. A building is defined as an existing structure created by humans for occupation, storage, or to facilitate an activity. The following types of structures will be included in this layer as well; sheds, towers, canopies, carports, bleachers, and magazines.
Cadastre	
dod_rpi_site_area	Represents the geographic extent of all contiguous land parcels in which the DoD has legal interest. This includes owned lands (such as DoD holds fee-simple title to the land), and "non-owned" lands including leased land and other less-than-fee surface rights and interests currently held by DoD.
Environmental_Hazards	
regulated_aboveground_storage_tank_point	A receptacle or chamber used for storage of which 90 percent or more is located above the surface of the ground.
regulated_underground_storage_tank_point	A receptacle or chamber used for storage of which 10 percent or more is located below the surface of the ground.
Future_Projects	
future_projects_area	A future project area is an area feature within a potential future construction project or activity. An example of a feature that would belong in future project area is a proposed building.

future_projects_point	A future project point is a point feature within a potential future construction project or activity. An example of a feature that would belong in future project point is a manhole.
future_projects_line	A future project line is a line feature within a potential future construction project or activity. An example of a feature that would belong in future project line is a proposed fence.
Hydrography	
shoreline	A shoreline is the boundary where land meets the edge of the ocean.
surface_water_body_area	A lake and pond is a standing body of water that can be natural or man-made. Not including swimming pools or oceans.
surface_water_course_area	A river or stream is a flowing course of water.
Improvement	
athletic_court_area	An athletic court is a paved or other specially prepared surface which is used for recreational activities (basketball, tennis, volleyball, handball, etc.).
athletic_field_area	An athletic field is a field of grass or dirt which is specifically allocated for athletic events (baseball, football, soccer, etc).
golf_course_area	A golf course area is an area which comprises a golf course, including fairways, tees, greens, practice areas, and club houses. These specific features may be included as separate entity types but are not required.
swimming_pool_area	A swimming pool is a built structure placed on top of the ground or hollowed into the ground, filled with water, and used for athletic swimming and/or diving.
fence_line	A fence is a structure serving as an enclosure, a barrier, or a boundary, usually

	made of posts or stakes joined together by boards, wire, or rails.
gate_point	A gate point is an access point is the location of the main gate, and military access points.
miscellaneous_recreation_area	A miscellaneous outdoor recreation area is an area set aside for use in general recreation activities. The following features will be collected with this entity type; campgrounds, day use areas, drive-in theatres, fishing sites, playgrounds, picnic areas, recreational parks, swimming sites, and any other outdoor recreational area that is not list or collected with another entity type that is defined in the GEO*Fidelis* Foundation Layers.
recreation_trail_centerline	A recreational trail is a trail that is used for recreational activities (running/walking, biking, and hiking).
Land_Status	
land_management_zone_area	A land management zone is used to divide a land area into management zones. This can be used to define service areas, architectural style zones, or just some arbitrary division of the land.
Military_Operations	
military_range_area	A military range is a designated land or water area set aside, managed, and used to conduct research on, develop, test, and evaluate military munitions and explosives, other ordnance, or weapon systems, or to train military personnel in their use and handling. Ranges include firing lines and positions, maneuver areas, firing lanes, test pads, detonation pads, impact areas, and buffer zones with restricted access and exclusionary areas.

Transportation	
airfield_surface_area	Airfield surface areas are areas that aircraft utilize. These include runways, taxiways, parking ramps, landing strips, helipads which may be components of airport and heliport facilities.
footbridge_area	A footbridge is an elevated pedestrian walkway.
pedestrian_sidewalk_area	A sidewalk is a paved or concrete pad used as a pedestrian walkway.
mooring_facility_area	A mooring facility is any fixed structure which can be used to moor or tie-up vessels such as a pier, dock, or wharf.
railroad_bridge_area	A railroad bridge is a structure used by a railroad that allows passage over an obstacle such as a river, chasm, mountain, or road.
railroad_centerline	A railroad centerline is the center of a railway as measured from the outside edge of the rails. The centerline will be comprised of segments that represent rail portions with similar characteristics such as the number of tracks or the segment between two switches.
road_bridge_area	A road bridge is a structure used by vehicles that allows passage over or under an obstacle such as a river, chasm, mountain, road or railroad.
road_centerline	A road centerline is the center of the roadway as measured from the edge of the paved surface. The segments of a road centerline will coincide with the road segments in order to have similar characteristics.
voad_area	A road area is an open, generally public way for the passage of vehicles with similar characteristics such as the number of lanes or surface type.
vehicle_driveway_area	A vehicle driveway is an access to a residence or other vehicle parking lot or storage area.

vehicle_parking_area	A vehicle parking area is an area used for parking vehicles not including residential streets and driveways.

Appendix B – Data Layer Definitions

Foundation Layers	
Auditory	
noise_zone_area	Noise zone areas are noise levels that are generated from military and nonmilitary activities. This includes noise generated from fixed wing aircraft flight and rotary wing aircraft flight, associated ground maintenance activities, and large caliber weapons.
Boundary	
political_jurisdication_area	A political jurisdiction area is an area of land and water under the right, power, or authority of various local, state, and national governments.
Buildings	
slab_area	A feature that is generally on the ground, typically composed of concrete, brick, asphalt, or rock that was designed to provide a base for other structures, except for buildings, or to be used as a recreation surface or as a patio.
structure_demolished_area	A demolished structure is structure that no longer exists but at one time was used for occupation, storage, or to facilitate an activity. This includes the following features; sheds, towers, canopies, carports, and bleachers.
structure_existing_area	This entity type will illustrate the location of buildings and certain structures for on USMC installations. A building is defined as an existing structure created by humans for occupation, storage, or to facilitate an activity. The following types of structures will be included in this

	layer as well; sheds, towers, canopies, carports, bleachers, and magazines.
Cadastre	
dod_rpi_site_area	Represents the geographic extent of all contiguous land parcels in which the DoD has legal interest. This includes owned lands (such as DoD holds fee-simple title to the land), and "non-owned" lands including leased land and other less-than-fee surface rights and interests currently held by DoD.
dod_rpi_disposal_area	All activities associated with the final disposition of an asset, including land. It includes, but is not limited to, reassignment to other DoD entities, transfer to another DoD or non-DoD entity, exchange, donation, loss by disaster, demolition, and sale.
dod_rpi_land_parcel_area	Represents the researched boundaries of land in which DoD holds fee-simple title (owned) or has retained certain less-than-fee surface rights and interests (non-owned).
dod_rpi_outgrant_area	Conveys/authorizes the use of a DoD-managed real property item to either a government agency or private entity for a specified consideration. Outgrants temporarily convey use rights and potentially some management responsibilities, but at the end of the terms of the agreement, the property remains with the original land owner.
Communications	
communications_other_type_cable_line	A communication cable line is a physical media used to provide transmission of communications signals.

communications_manhole_point	A communication manhole point is a subsurface chamber, large enough for a person to enter, in the route of one or more duct runs, and affording facilities for placing and maintaining the runs, conductors, cables, and associated apparatus.
communications_antenna_point	A communication antenna point is a metallic apparatus used to send or receive communication signals.
Cultural	
archeological_artifact_point	An archeological artifact is an object of archeological significance which, due to their size or nature, has not been removed from the site.
terrestrial_archeological_area	A terrestrial archeological area is the location of an archeological site that is either on the National Register of Historic Places or determined eligible for inclusion on the National Register. This will included terrestrial and marine archeological sites.
historic_district_area	A historic district area is a group of related buildings or streetscapes that demonstrate the historical development of an area.
historic_feature_area	A historic feature is a historically or culturally significant point of interest. This includes monuments, memorials, landmarks, museums, historic markers, interpretive sites, etc.
cultural_restricted_area	A cultural restricted area is an area that needs to be preserved due to the sensitive nature of the archeological or historic site. The area designated as restricted is intended to prevent access or development that will disturb the site.
cultural_survey_area	A cultural survey area is a site where detailed investigation has been conducted for cultural resources. This

	investigation could involve test pits, excavation areas, surface surveys, etc.
Ecology	
ecology_habitat_area	An ecology habitat area is a location that supports a particular ecological community or population set.
marine_protected_area	A marine protected area is any area of the marine environment that has been reserved by Federal, State, territorial, tribal, or local laws or regulations to provide lasting protection for part or all of the natural and cultural resources therein.
Environmental_Hazards	
air_emissions_source_point	An air emissions source point is a specific point where an air emission originates (e.g., one chimney).
dust_abatement_area	A dust abatement area is a specific area were dust is generated or an area where dust abatement methods are in place.
building_enviromental_concern_point	A building environmental concern point is the site of building or structure which contains one or more building environmental hazards.
air_sample_collection_location_point	An air sample collection location point is the physical location at which an air sample is taken.
groundwater_sample_collection_location_point	A groundwater sample collection location point is the physical location at which a groundwater sample is taken.
soil_sample_collection_location_point	A soil sample collection location point is the physical location at which a soil sample is taken.
surface_water_sample_collection_location_point	A surface water sample collection location point is the physical location at which a surface water sample is

	taken.
pollution_source_point	A pollution release point is the point of origin of a chemical, radioactive, medical, or mixed non-permitted waste discharge, spill, or uncontrolled release which can result in pollution to the environment.
groundwater_pollution_plume_area	A groundwater pollution plume area is an area on either a two or three dimensional plane in the groundwater which represents a constant measured or modeled pollution chemical constituent value (e.g., concentration) considered to dangerous to the environment.
hazardous_materiels_storage_area	A hazardous materiel storage area is a defined area designated for the storage of contained hazardous materials.
hazardous_material_storage_location_point	A hazardous material storage location is the location where hazardous materials are stored.
hazardous_waste_storage_location_point	A hazardous waste storage location is a location points or areas where hazardous waste is stored.
munition_waste_disposal_area	A munitions waste disposal area is a location where munitions waste (conventional, chemical, or biological) has been disposed of (e.g., pit, buried containers, etc.).
ordnance_explosive_waste_area	An ordnance explosive waste area is an area where ordnance and explosive waste residues are present or buried in the water, soil, or sediment.
operable_unit_area	An operable unit area is one or more areas possessing environmental contamination characteristics which are amenable to the same type of remediation, treatment, or management procedure.
regulated_aboveground_storage_tank_point	A receptacle or chamber used for storage of which 90 percent or more is

	located above the surface of the ground.
regulated_underground_storage_tank_point	A receptacle or chamber used for storage of which 10 percent or more is located below the surface of the ground.
environmental_restoration_area	An environmental restoration site is a geographic area where an active environmental study or project is underway to remediate pollutants located in the soil, sediment, surface water, or groundwater.
potential_env_concern_area	A potential environmental concern area is a site of suspected environmental contamination.
solid_waste_landfill_area	A solid waste landfill is a facility or site, permitted by a regulatory authority, which is specifically designed and managed for the land disposal of solid waste.
landfill_gas_collection_well_point	A landfill gas collection well is a shaft drilled in the earth for the purpose of collecting and conveying gas from underneath a landfill to the ground's surface.
Fauna	
species_forage_area	A species forage area is an area where a fauna species or various species of fauna are known to search for food.
nesting_point	A nesting point is a known nesting site of fauna species.
nesting_area	A nesting area is an area that contains one or more known nesting points.
migration_corridor_line	A migration corridor is an area or route along which certain species are known to migrate from one habitat to another.
fauna_management_habitat_buffer_zone_area	A fauna management habitat buffer zone is an area surrounding an identified habitat for one or more

	fauna species.
fauna_special_species_area	A fauna special species area is a site or location where the specific species associated with the habitat require special attention according to law. These are normally threatened, sensitive, or endangered species habitats.
fauna_hazard_area	A fauna hazard area is an area where there are hazards due to wildlife activities. This includes bird aircraft strike hazard (BASH) areas, and deer strike areas.
Flora	
land_vegetation_area	A land vegetation area is a discrete area where land flora has been classified.
flora_special_species_area	A flora special species area is a site or location where there are threatened, endangered, invasive or sensitive floral species.
preserve_area	A preserve area is a vegetated area that is being managed as a special management area due to its unique characteristics such as an old growth area or good species habitat area.
flora_fire_area	A flora fire area is an area where planned or historically recorded fire has occurred. The fires may be wild or man-made prescribed burns.
flora_study_area	A flora study area is a geographic area created for the study of flora.
forest_stand_area	A forest stand is a forest flora community with similar characteristics.
Future_Projects	
future_projects_area	A future project area is an area feature within a potential future construction

	project or activity.
future_projects_point	A future project point is a point feature within a potential future construction project or activity.
future_projects_line	A future project line is a line feature within a potential future construction project or activity.
Geodetic	
control_point	A control point is a permanently monumented survey control point (benchmark) constructed with an original purpose of establishing spatial location in one or more dimensions from a known reference or datum.
Hydrography	
shoreline	A shoreline is the boundary where land meets the edge of the ocean.
flood_zone_area	The U.S. Army Corps of Engineers (USACE) defines a “floodplain” as the portion of any river valley that has historically been inundated by a river during floods. The Federal Emergency Management Agency (FEMA) defines a “floodplain” as the relatively flat lowland that borders a river, coastal area, lakeshore, or other low-lying area, usually dry but subject to flooding.
watershed_area	A watershed is the region or area drained by, or to, a particular body of water.
ditch_aqueduct_centerline	An aqueduct centerline is a manmade or improved waterway designed to transport water for irrigation or other use.
surface_water_body_area	A lake and pond is a standing body of water that can be natural or man-made. Not including swimming pools

	or oceans.
surface_water_course_area	A river or stream is a flowing course of water.
surface_water_course_centerline	A river and stream centerline is the center of a flowing course of water, normally measured at a location equidistant opposite shorelines or waterlines.
wetland_area	Wetlands are lands on which water covers the soil or is present either at or near the surface of the soil or within the root zone, all year or for varying periods of time during the year. The recurrent or prolonged presence of water (hydrology) at or near the soil surface is the dominant factor determining the nature of soil development and the types of plant and animal communities living in the soil and on its surface.
Improvement	
athletic_court_area	An athletic court is a paved or other specially prepared surface which is used for recreational activities (basketball, tennis, volleyball, handball, etc.).
athletic_field_area	An athletic field is a field of grass or dirt which is specifically allocated for athletic events (baseball, football, soccer, etc).
golf_course_area	A golf course area is an area which comprises a golf course, including fairways, tees, greens, practice areas, and club houses. These specific features may be included as separate entity types but are not required.
swimming_pool_area	A swimming pool is a built structure placed on top of the ground or hollowed into the ground, filled with water, and used for athletic swimming and/or diving.

fence_line	A fence is a structure serving as an enclosure, a barrier, or a boundary, usually made of posts or stakes joined together by boards, wire, or rails.
gate_line	A gate is a door-like movable barrier in a fence or wall.
gate_point	A gate point is an access point is the location of the main gate, and military access points.
wall_line	A wall is a continuous structure of masonry or other material forming a rampart.
miscellaneous_feature_area	This layer will illustrate ready service lockers. A ready service locker is a container where ammunition is store for near term tactical or training use.
security_perimeter_line	This layer will illustrate barricades. A barricade is a structure set up across a route of access to obstruct passage.
miscellaneous_recreation_area	A miscellaneous outdoor recreation area is an area set aside for use in general recreation activities. The following features will be collected with this entity type; campgrounds, day use areas, drive-in theatres, fishing sites, playgrounds, picnic areas, recreational parks, swimming sites, and any other outdoor recreational area that is not list or collected with another entity type that is defined in the GEO*Fidelis* Foundation Layers.
recreation_trail_centerline	A recreational trail is a trail that is used for recreational activities (running/walking, biking, and hiking).
hunting_area	A hunting area is an area specifically designated for the controlled hunting of one or more wildlife species.
dredged_bank_area	A dredged bank area is an area where spoils have been deposited from various dredging operations.

levee_area	A levee is an embankment for controlling the waters of the sea, river or other water bodies.
water_well_point	A water well is an excavation point where the intended use is for location, acquisition, development, or artificial recharge of groundwater.
Land_Status	
land_use_area	Land use describes man's categorization of the use of land and water.
land_restriction_area	Land restriction areas area areas which are subject to local limitations on actions which can be performed on the land.
land_management_zone_area	A land management zone is used to divide a land area into management zones. This can be used to define service areas, architectural style zones, or just some arbitrary division of the land.
Landform	
elevation_contour_line	An elevation contour line is a connecting points on the surface of the earth of equal vertical elevation representing some fixed elevation interval.
Military_Operations	
military_special_use_airspace_area	Special use airspace is a three-dimensional region of airspace for activities which must be confined because of their nature. Limitations may be imposed upon aircraft operations that are not a part of the airspace activities. Special use airspace includes any associated underlying surface and subsurface training areas. The types of SUA are

	Alert Area, Controlled Firing Area, Military Operating Area (MOA), Prohibited Area, Restricted Area, and Warning Area.
military_incident_point	A military incident point is the location of an accident, mishap, or incident which is of interest to the general public.
military_range_area	A military range is a designated land or water area set aside, managed, and used to conduct research on, develop, test, and evaluate military munitions and explosives, other ordnance, or weapon systems, or to train military personnel in their use and handling. Ranges include firing lines and positions, maneuver areas, firing lanes, test pads, detonation pads, impact areas, and buffer zones with restricted access and exclusionary areas.
firing_point	A firing point is the designated point within a firing lane and firing fan where the weapon is discharged or fired – usually the point of convergence of firing fan. This point can be dynamic, in which case, the point can take place anywhere in/on a live fire range. This point can also be stationary and when it is – it is usually a surveyed/registered position.
firing_line	A firing line is a designated hazard line that follows the projected trajectory of a munition.
firing_fan_area	A firing fan is an imaginary surface angled at a degree consistent with the type of weapon discharged, normally 38 degrees emanating from the firing point along the firing line.
military_target_point	A target point is a point designated and numbered for bombing and strafing.
military_target_area	A target area is an area within the

	surface danger zone where targets (static/moving, point/array) are emplaced for weapon system engagement.
firing_area	A firing area is a designated area in which firing points and gun positions may be located.
ammunition_storage_area	An ammunition storage area is an area that may be fenced off where ordnance or other explosive/hazardous devices are stored, loaded, and unloaded.
duded_impact_area	A .uded impact area is an area where munitions impact but do not detonate – leaving a “dud” or unexploded ordnance.
non_dudded_impact_area	A non-duded impact area is a medium risk area where explosive munitions land after firing.
potential_explosive_area	A potential explosive area is an area where an explosion may potentially take place.
electromagnetic_radiation_hazard_area	An electromagnetic radiation hazard area is the hazard area that emanates from electromagnetic radiation sources. The types are hazards of electromagnetic radiation to ordnance (HERO), personnel (HERP), and fuels (HERF). HERO areas are also divided into HERO Susceptible and HERO Unsafe.
historic_impact_area	A historic impact area is an impact area, duded or non-duded, no longer in use which may pose potential risk.
military_surface_danger_zone_area	Surface danger zones are the ground and airspace designated within the training complex (to include associated safety areas) for vertical and lateral containment of projectiles, fragments, debris, and components resulting from the firing, launching, or detonation of weapon systems to

	include explosives and demolitions.
military_quantity_distance_arc_area	An explosive safety quantity distance (ESQD) arc is an area associated with munitions storage. Each of the following ESQD arcs will be collected, if applicable at each installation; HDD, HFD, IBD, ILD, IMD, MFD, PTR.
explosive_conveyance_area	Explosive conveyance areas are areas of potential risk where ammunition is transferred but not stored.
military_landing_and_drop_zone_area	A military landing/drop zone area is an unimproved area where aircraft (typically helicopters) can land to pickup or offload troops and cargo, and where parachute training is conducted.
tank_trail_line	A tank trail is used for driving tanks.
training_area	This entity type includes areas where military training is conducted. May be Restricted Area where access and/or activity is limited due to one or more reasons such as security, safety, environmental, cultural, no-fly, etc.
military_training_sub_area	A military sub-training area is a land area used for military training which itself is a portion of a larger military training area. This includes military operations in urban terrain (MOUT) areas and MAC areas.
military_observation_point	An observation point is a position from which military observations are made, or fire directed and adjusted, and which possesses appropriate communications.
military_landing_zone_point	Individual locations within a landing zone area for specific pickup/drop-off activities.
military_control_point	A military control point is a point at which the flyer or ground based personnel should verify their location. It can be a well-defined point, easily

	distinguishable visually and/or electronically, used as a starting point for a bomb run to a target.
Soil	
soil_map_unit_area	A soil map unit area is an area with similar soil characteristics. The size of the units used for an installation will depend on the mapping done by the Natural Resources Conservation Service (NRCS).
Transportation	
air_accident_zone_area	Air accident zones are areas at the end of runways or beneath approach and departure flight paths where there is a higher potential for aircraft accidents. These areas include clear zones, and accident potential zones (APZ) I and II.
airfield_surface_area	Airfield surface areas are areas that aircraft utilize. These include runways, taxiways, parking ramps, landing strips, helipads which may be components of airport and heliport facilities.
footbridge_area	A footbridge is an elevated pedestrian walkway.
pedestrian_sidewalk_area	A sidewalk is a paved or concrete pad used as a pedestrian walkway.
mooring_facility_area	A mooring facility is any fixed structure which can be used to moor or tie-up vessels such as a pier, dock, or wharf.
railroad_bridge_area	A railroad bridge is a structure used by a railroad that allows passage over an obstacle such as a river, chasm, mountain, or road.
railroad_centerline	A railroad centerline is the center of a railway as measured from the outside edge of the rails. The centerline will

	be comprised of segments that represent rail portions with similar characteristics such as the number of tracks or the segment between two switches.
railroad_yard_area	A railroad yard is an area containing a system of tracks for storage and maintenance of cars and the making-up of trains.
curb_line	A curb is a rim of concrete or joined stones that forms the edge of the roadway and beginning of a sidewalk, if present, or a dividing barrier.
road_bridge_area	A road bridge is a structure used by vehicles that allows passage over or under an obstacle such as a river, chasm, mountain, road or railroad.
road_centerline	A road centerline is the center of the roadway as measured from the edge of the paved surface. The segments of a road centerline will coincide with the road segments in order to have similar characteristics.
road_feature_point	A road feature is a feature associated with a road such as road signs, and traffic lights.
road_area	A road area is an open, generally public way for the passage of vehicles with similar characteristics such as the number of lanes or surface type.
vehicle_accident_point	A vehicle accident point is the location of a vehicular accident.
vehicle_driveway_area	A vehicle driveway is an access to a residence or other vehicle parking lot or storage area.
vehicle_parking_area	A vehicle parking area is an area used for parking vehicles not including residential streets and driveways.
Utilities	

compressed_air_pipe_line	A compressed air pipe line is a pipe used to carry compressed air from location to location.
electrical_cable_line	An electrical cable line is a group of conductors used to carry electrical energy from point to point.
electrical_junction_point	An electrical junction point is a box or small vault (usually concrete, brick, or metal) typically located below grade with above grade access in which cables intersect, connect, or pass through.
electrical_transformer_bank_point	An electrical transformer bank point is a location containing one or more transformers.
fuel_line	A fuel line is a pipe used to carry fuel from location to location (main line, service line, vent line, etc).
natural_gas_line	A natural gas line is a pipe used to carry natural gas from location to location (main line, service line, vent line, etc).
natural_gas_valve_point	A natural gas valve is a fitting or device used for shutting or throttling flow through a natural gas line.
natural_gas_junction_point	A natural gas junction is a box or small vault (usually concrete, brick, or cast iron) in natural gas systems located below grade with above grade access where pipes intersect. The manhole also houses associated fittings, valves, meters, etc.
utility_pole_tower_point	A utility pole is a structure used to elevate wires, cables, or other lines above the ground surface.
conduit_centerline	A conduit line is a pipe, structure, tube, or tile used to house or protect piping, cables, or wires for various utilities.
saltwater_line	A saltwater line is a pipe used to carry saltwater from location to location.

storm_sewer_culvert_line	A culvert intercepts and removes ground water or surface water.
storm_sewer_line	A storm sewer line is a pipe used to carry storm sewer water from location to location (main line, service line, vent line, etc).
storm_sewer_junction_point	A storm sewer junction is a box or small vault (usually concrete, brick, or cast iron) in storm sewer systems located below grade with above grade access where pipes intersect. The manhole also houses associated fittings, valves, meters, etc.
storm_sewer_valve_point	A storm sewer valve is a fitting or device used for shutting or throttling flow through a storm sewer line.
storm_sewer_drainage_basin_area	A storm sewer drainage basin is an area where storm sewer water drains to a point of interest.
storm_sewer_discharge_point	A storm sewer outfall is a point where runoff discharges from a sewer pipe, ditch, or other conveyance to a receiving body of water.
heat_cool_line	A heating and cooling line is a pipe used to carry heating/cooling substances from location to location (main line, service line, vent line, etc).
industrial_waste_line	An industrial waste line is a pipe used to carry industrial waste material from location to location (main line, service line, force main line, etc).
industrial_waste_oil_water_separator_point	An industrial waste oil and water separator is a device or structure placed in the industrial waste stream to separate water from oil products.
pipeline_line	A pipeline is an interstate or intrastate transmission line through which gas, oil, or hazardous liquid is transported for the purpose of supplying a local utility.
wastewater_line	A wastewater line is a pipe used to carry waste water from location to

	location (main line, service line, force main line, etc).
wastewater_valve_point	A wastewater valve is a fitting or device used for shutting or throttling flow through a wastewater line.
wastewater_junction_point	A wastewater junction is a box or small vault (usually concrete, brick, or cast iron) in wastewater systems located below grade with above grade access where pipes intersect. The manhole also houses associated fittings, valves, meters, etc.
water_line	A water line is a pipe used to carry water from location to location (main line, service line, vent line, etc).
water_valve_point	A water valve is a fitting or device used for shutting or throttling flow through a water line.
water_junction_point	A water junction is a box or small vault (usually concrete, brick, or cast iron) in water systems located below grade with above grade access where pipes intersect. The manhole also houses associated fittings, valves, meters, etc.
water_hydrant_point	A fire hydrant is an apparatus which dispenses fluids.

Appendix C – Facility Installation Codes

Installations Name	Activity UIC	User UIC	Service ID
MCLB Albany	M67004	M67004	AL
MCLB Barstow	M62204	M62204	BA
MCAS Beaufort	M60169	M60169	BE
MCMWTC Bridgeport	M00681	M00681	BP
MCB Camp Smedly D. Butler	M67400	M67400	BU
MCAS Cherry Point	M00146	M00146	CP
MarBks 8th & I	M67029	M67029	EI
MCAS Futenma	M67400	M63026	FU
HQBN Henderson Hall	M67353	M67353	HH
MCB Hawaii	M00318	M00318	HI
MCAS Iwakuni	M62613	M62613	IW
MOBCOM Kansas City	M67386	M67386	KC
MCB Camp Lejeune	M67001	M67001	LE
MCAS Miramar	M67865	M67865	MI
MCAS New River	M67001	M62573	NR
MCAS Camp Pendleton	M67604	M67604	PA
MCB Camp Pendleton	M00681	M00681	PE
MCRD Parris Island	M00263	M00263	PI
MCB Quantico	M00264	M00264	QU
MCRD San Diego	M00243	M00243	SD
MAGTFTC Twentynine Palms	M67399	M67399	TP
MCAS Yuma	M62974	M62974	YU
Blount Island Command	M67004	M67004	BL
MCAF Quantico	M00262	M00146	QA

Appendix D – Domains

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_sammet	Env – sample method	Coded Values
Coded Values		
Code	**Description**	
AC	Air Canister	
AL	Air-Lift Sampler	
AP	Air Lift Pump	
AS	Ashing	
AT	Sampling Train	
AV	Sparge and Vent Pre-Treatment Collection Port.	
B	Bailer	
BL	Undisturbed Bulk Sample	
BP	Gas Operated Bladder Pump	
BR	Brass (California) Ring	
C	Continuous Flight Auger	
CC	Continuous Core Sampler	
CF	Flow Weighted Composite	
CH	Charcoal Sampling Tube	
CL	Clover Leaf Dredge Sampler	
CN	Cone Penetrometer	
CP	Centrifugal Pump	
CR	Cutting Returns	
CS	Composite Sample	
CT	Time Weighted Composite	
CU	Cryogenic Preconcentrator Tube.	
CY	Cyclone Method of Sampling Drill Cuttings	
D	Disturbed Bulk Sample	
DS	Dredge Sampler (Brass, Etc.)	

DT	Driven Tube
E1	Electrical Submersible Pump (Pre-1982)
E2	Electrical Submersible Pump (1982+)
EC	Encore Soil Sampler
EK	Eckman Dredge Sampler
ES	Environmentalists Subsoil Probe.
FC	Cassette Filter
G	Grab
GB	Geoprobe
GD	Electrical Submersible Pump (Gear-Driven)
GP	Gas-operated, Double Precision acting Piston Pump
H	Hollow Stem Auger
HA	Hand Auger
HB	Hand Bucket Auger
HC	Hammer – AMS Core Sampler
HP	Hydropunch
HR	Electrical Submersible Pump (Helical Rotor)
HS	Hand Core Sampler – Shallow Water Usage.
HU	High-Volume Air Sampler with Puf Resin
HV	High Volume Air Sampler
HX	High-Volume Air Sampler with XAD Resin
I	Instantaneous
KS	Kemmerer Sampler
LV	Low Volume Continuous Air Sampler
LY	Lysimeter
NA	Not Applicable
NB	Niskin Bottle
NC	Nickel Coated Brass Bomb Sampler
NQ	NQ Wireline Rock Coring/ASTM-D2113
NS	Non-Submersible Pump.
NX	NX Rock Coring/ASTM-D2113

PI	Piston Pump
PN	Ponar
PP	Peristaltic Pump
PR	Stainless Steel Soil Gas Probe with a Retractable Inlet Sleeve, Active Process.
PS	Passive Soil Gas Sampling Probe
RS	Hollow Glass Sampling Rod
S	Drive Sample – 2 inch/ASTM-D1586
SA	Summa Passivated Air Canister
SC	Scraped From Exposed Surface
SD	Depth integrating sediment sampler.
SI	Simulprobe
SL	Suction Lift Pump
SP	Submersible Pump
SS	Split Spoon
ST	Submersible Turbine Pump
SV	SVE Air permeability system, utilizing stainless steel soil gas sampling canisters.
SY	Syringe
T	Shelby Tube/ASTM-D1587
TP	Tubing for groundwater sampling (e.g., polyethylene tubing).
TS	Thief Sampler and/or Thief Type Sampler
U	Tube Sampler – 3 inch/ASTM-D3550
VF	Emission isolation flux chamber, utilizing stainless steel soil gas canisters.
VS	Van Dorn Sampler
W	Swab Or Wipe
WD	Depth specific groundwater sampler.
WF	Wellhead Faucet (Grab Sample From)
dB(A)	“A” weighted noise contour (aircraft noise)
dB(C)	"C" weighted noise contour (large caliber weapons noise)
UNKNOWN	The type of metric is unknown.

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_bdytyp	Discriminator – Boundary	List Domain
Coded Values		
Code	**Description**	
COUNTRY	national interests or countries	
PREFECTURE	Japanese Political Bounda–y - equivalent to a state in the US.	
TOWNSHIP	A unit of local government having a chief administrator or board, also includes barrios, precincts, districts, or similar unincorporated areas.	
TRIBAL_RESERVE	A tract of public land set aside for use by American Indians.	
STATE	An area depicting one of the fifty states of the Untied States of America.	
COUNTY	An area depicting a county, which is the largest type of administrative district within a state.	

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_strmat	Structure-Material	Coded Values
Coded Values		
Code	**Description**	
AL	Aluminum	
BRICK	brick	
BUILTUP	builtup	
CANVAS	canvas	
CARDBOARD	cardboard	
CEMENT	cement	
CEMENTBLOCK	cement block	
CINDERBLOCK	cinder block	
CIS	Concrete Cast inSitu/Cast in Place	
COMBINATION	combination of materials	
COMPO	Composolite	

CONCRETBLOCK	concrete block
CONCRETE	concrete
CONCRT_AND_STEEL	Concrete and Steel.
CONCRT_AND_WOOD	Concrete and Wood.
CONCRETEPILE	concrete pile
EARTHEN	earthen, dirt
FIBERGLASS	fiberglass
GLASS	glass
GLASS_REIN_PLAS	Glass Reinforced Plastic
GLASSBLOCK	glass block
GRASS	grass
HARD_SURFACED	Hard Surfaced
HIDES	hides
LOGS	logs
LOOSE_BOULDERS	Loose Boulders
MASONRY	MASONRY
MASNRY_AND_STEEL	Masonry and Steel.
MASONRY_AND_WOOD	Masonry and Wood.
METAL	metal
OTHER	other
PAINTED	Painted
PLASTIC	plastic
PRECAST	Pre-Cast Concrete
SHEETMETAL	sheet metal
SNOW	snow
STEEL	steel
STEEL_AND_WOOD	Steel and Wood.
STEELPILE	steel pile
STONE	stone
STYROFOAM	styrofoam
TBD	to be determined

TILE	tile
UNKNOWN	Unknown.
UNSURFACED	Unsurfaced
WOOD	wood
WOODENPILE	wooden pile

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_strcnd	Structure-Condition	Coded Values

Coded Values	
Code	**Description**
BOARDEDUP	boarded up
BROKENNOUSE	broken and unusable
BURNTNOUSE	burnt and not useable
BURNTUSEABLE	burnt but useable
CONDEMNED	condemned
CRACKED	cracked
DAMAGED	damaged
DAMAGEHEVUSE	heavily damage, but useable
DAMAGELITUSE	light damage, but useable
DAMAGEMODUSE	moderate damage, but useable
DAMAGHEVNO	heavy damage, and unusable
DAMAGLITNO	light damage, and unusable
DAMAGMODNO	moderate damage, and unusable
DANGEROUS	dangerous to use
FAIR	Fair or medium condition.
FAIRESTIMATED	Estimated in fair condition.
GOOD	Good condition.
GOODESTIMATED	Estimated in good condition.
GOODNOTNEW	good, but not new
HABITABLE	habitable

HABITABLENO	not habitable
MINORUSE	minor use
NEWLYBUILT	newly built
NEWUNFINISH	newly built, but not yet finished
NOTRESPASSNG	no trespassing
POOR	poor
POORESTIMATED	Estimated in poor condition.
QUARANTINED	quarantined
RADIOACTIVE	radioactive
TBD	to be determined
UNDERCONSTRUCT	Planned or under construction.
UNKNOWN	unknown
UNSERVICEABLE	Unserviceable or not a weight bearing surface.
USEABLE	useable
USEABLENO	not useable
OTHER	The condition is not listed.

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_reason	Structure – Demolition Reason	List Domain
Coded Values		
Code	**Description**	
ABANDONED	Abandoned.	
ECONOMIC_REASON	Economic reasons.	
NEW_CONSTRUCTION	In the way of new construction.	
MANDATED	Mandated.	
NO_LONGER_REQUI	No longer required.	
TEMP_CONSTRUCT	Temporary construction.	
TRAFFIC_FLOW	Traffic flow.	
OTHER	The reason the structure was demolished is not listed.	
UNKNOWN	The reason the structure was demolished is unknown.	

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_strtpe	Type List-Structure	Coded Values
Coded Values		
Code	**Description**	
APARTMENT	apartment building	
AQUATHEATER	Aquatheater	
ARENA	Arena.	
BARN	barn	
BUNKER	Bunker.	
CAPITOL	Capitol.	
CHURCH	church/temple	
CITY HALL	City Hall.	
COMMUNITYCENTER	Community Center.	
CONDO	condominium	
COURT HOUSE	Court House.	
DRY_STO_DOCK	Dry Storage Dock	
DUPLEX	house, duplex	
DWELLING	dwelling	
EMS_STATION	EMS Station.	
FEDERAL_RESERVE	Federal Reserve.	
FIRE_HOUSE	Fire House.	
GARAGE	A structure used for the maintenance, storage, and display of motor vehicles.	
GOVERNORS_HOUSE	Governors House.	
GRAIN_ELEVATOR	Grain Elevator.	
EARTHWORKS	Earthworks.	
HANGAR	Hangar.	
HOSPITAL	Hospital.	
HOUSE	house, single family	
JAIL_OR_PRISON	Jail or Prison.	

LAW_ENFORCEMENT	Law Enforcement.
MEDICAL_CENTER	Medical Center.
MEMORIAL	Memorial.
MOBILE_HOME	Mobile home or trailer
MUSEUM	Museum.
OFFICE	office building
OFSHR_PLTFRM	Offshore Platform.
OTHER	other
POST_OFFICE	Post Office.
POWER_PLANT	A facility used in the production and distribution of electrical power.
POWERGEN_FAC	A facility used in the production and distribution of electrical power.
RADIO_FACILITY	Radio Facility.
RAILROAD_STATION	Railroad Station.
RAIN_SHED	Rain Shed.
SCHOOL	Any building or structure whose primary purpose is education.
SECURITY	Security.
SKYSCRAPER	skyscraper
SUPREME_COURT	Supreme Court.
SURVIVALSHLT	survival shelter
TBD	to be determined
THEATER	Theater.
TOWER	Tower.
TOWN_HALL	Town Hall.
TOWNHOUSE	townhouse
US_MINT	US Mint.
WHITE_HOUSE	White House.
GARAGE	A structure used for the maintenance, storage, and display of motor vehicles.
SHED	An existing structure that was created by man, typically for the storage of equipment, animals or other

	possessions. A shed has an area of 100 square feet or less.
CARPORT	A roofed structure, generally with out wall, used for the purpose of sheltering vehicles.
BLEACHER	A structure consisting of tiered seating where people can sit to watch an event.
HEAT_COOL_PLANT	A building or structure containing boilers, furnaces, chillers, pumps and appurtenant equipment to produce the water temperature/pressure combinations which are distributed to other buildings and facilities.
IND_WASTE_PLANT	A structure containing equipment used to treat and remove unwanted constituents from industrial waste.
MAGAZINE	A structure that stores explosives and/or ammunition.
WASTEWATER_PLANT	A structure containing equipment used to treat and remove unwanted constituents from wastewater.
WATER_PLANT	A water treatment plant and all appurtenant equipment, buildings, and facilities relating to water treatment.
CANOPY	An existing structure that was created, by man, for limited protection from the environment.
WAREHOUSE	An existing structure that was created, by man, typically for the storage of equipment, or other possessions. A warehouse has an area greater than 100 square feet.

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_dstrst	Discriminator-Structure Status	List Domain
Coded Values		
Code	**Description**	
DEMOLISHED	Structure that has been demolished.	
DEMOLITION	Structural definition and status of a building slated for demolition.	
DISPOSAL	Disposal other than demolition	
EXISTING	Existing structure	
INCONCLUSIVE	Inconclusive Analysis.	
NONOPERATIONAL	Non-Operational.	
OPERATIONAL	Operational.	

PERMANENT	Structural definition and status of a permanent building.
PORTABLE	Structural definition and status of a portable building.
SEMI_PERM	Structural definition and status of a semi-permanent building.
TEMPORARY	Structural definition and status of a temporary building.
UNKNOWN	Unknown.

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_commnd	dod - command	List Domain

Coded Values	
Code	**Description**
AETC	Air Education and Training Command.
AEUR	Europe
AF11SW	11th Support Wing.
AFCOMC	Air Combat Command.
AFETC	Air Education and Training Command
AFEUR	US Air Force Europe
AFIP	Air Force Industrial Plant
AFMC	Air Force Materiel Command.
AFMOBC	Air Mobility Command
AFNG	Air National Guard
AFPAC	Pacific Air Forces
AFRC	Air Force Reserve Command.
AFRES	Air Force Reserve
AFSC	Air Force Space Command.
AFSOC	Air Force Special Operations Command.
AFSPC	Air Force Space Command.
AKOR	Korea
AMC	Air Mobility Command.
ANG	Air National Guard.
AREGNE	NY, PA, NJ, MD, VA, DC

AREGNW	WA, UT, CO, KS, WI, IL, MO, MI
AREGSE	KY, NC, SC, AL, GA, PR
AREGSW	CA, AZ, NM, TX, OK, LA, AR
ARPAC	HI, AL, Japan, Kwajalein
MCFORA	US Marine Forces Atlantic
MCKOR	US Marine Forces Korea
MCPAC	US Marine Forces Pacific
NAWC	Naval Air Warfare Center
NDW	Naval District Washington
NREGHI	Hawaii, Midway Island, Kure Island, and the islands of Wake, Johnston, Palmyhra and
NREGJ	Navy Region Japan
NREGNE	Naval Submarine Base New London; Naval Air Station, Brunswick, ME; Portsmouth Naval Shipyard, Kittery, ME; Naval Weapons Station, Earle, NJ; and Naval Station N
NREGNW	WA, OR, ID, and AK (Naval Station Everett, Naval Station Bremerton, Submarine Base Bangor, Naval Air Station Whidbey Island and other U.S. Navy commands.
NREGS	Navy Region South
NREGSE	NAS Jacksonville, FL; NAS Key West, FL; NAS Mayport, FL; NAS Roosevelt Roads, Puerto Rico; NAS Pascagoula, MS; NAS Guantanamo Bay, Cuba; Submarine Base Kings B
NREGSW	California, Arizona and Nevada
NREUR	Navy Region Europe
NRGUAM	Navy Region Guam
NRGULF	NAS Pensacola, NAS Whiting Field, PWC Pensacola, HRO Pensacola, EOD School Eglin AFB, Navy General Library
NRKOR	Navy Region Korea
NRMIDA	Naval Station Norfolk, NAS Oceana, Naval Amphibious Base Little Creek, NWS Yorktown, St Juliens Creek, NSA Mechanicsburg and Phil, Lafayette River Annex
NRMIDW	Navy Region Midwest
NRNCEN	Navy Region North Central
NRSING	Navy Region Singapore

NRSWAS	Navy Region SW Asia
NSWC	Naval Surface Warfare Center
PACAF	Pacific Air Forces.
TBD	to be determined
UNKNOWN	unknown
USAFA	US Air Force Academy.
USAFE	United States Air Forces in Europe.
USAFHQ	Headquarters US Air Force
WHSNCR	Washington Headquarters Services

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_exctyp	rpa – exclusive use	List Domain
Coded Values		
Code	**Description**	
EXCLUSIVE_USE	The DoD retains the right for exclusive use (i.e., DoD retains the right to deny access, trespass, or occupancy by all other parties).	
NON_EXCLUSIVE	Land parcels in which DoD has legal interest (i.e., those parcels that define the extent of RPI Site boundaries), but not exclusive use.	
UNKNOWN	Unknown.	

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_rpatyp	rpa – interest code	List Domain
Coded Values		
Code	**Description**	
EASEMENT	An easement is a real estate interest that grants a Military Department or WHS the right to use a real property asset for a specific purpose.	
JOINT_OWNED	A public-private venture is a mutually beneficial partnership between a Military Department or WHS and a private entity.	

LEASHOLD	Real property asset where the right to use the asset has been assigned to a Military Department by a private entity for a defined time period in return for rent
OTHER	Any other type of interest that is not coverest by one of the other categories.
OWNED	Real property asset where a fee simple ownership interest is held by a Military Department or WHS.
FOREIGN_OWNED	A foreign government holds title to the real property asset but certain rights for use have been granted to a Military Department.
OWNED_BY_OTHER	Other Federal Agency hold title to or interest the real property asset but certain rights for use have been granted to a DoD Component.
PRIVATE_OWNED	Real property facilities on DoD sites that are owned and operated by the private sector (e.g., Burger King, Credit Union).
STATE_LOCAL	A U.S. State or Local Government authority holds title to the real property asset but certain rights for use have been granted to a Military Department or WHS.

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_rpiown	status list – rpi owner	List Domain
Coded Values		
Code	**Description**	
FEE	A parcel that is owned by the Department of Defense.	
LESS_THAN_FEE	A parcel that is not owned by the Department of Defense.	

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_uomdis	Unit of Measure - Distance	List Domain
Coded Values		
Code	**Description**	
ANGSTROM	A unit of length equal to 0.1 nanometer.	
CABLN	Cable lengths - 720 feet.	

CH	Chains - 66 feet or 100 links (Gunter).
CM	Centimeters.
DM	A unit of distance in the metric system equal to 1/10 of a meter.
EM	EMS - 0.166667 inches.
EN	ENS - 0.083333 inches.
FATHOM	Fathoms - 6 feet.
FT	Feet - 0.3048006 meters.
FURLONG	Furlongs - 0.125 miles or 40 rods (Gunter).
HAND	Hands - 4 inches, 10.160 centimeters.
HM	Hectometer.
IN	Inches - 0.126263 links (Gunter)or 2.54 centimeters.
INTERNATIONAL_FT	1 meter = 3.280839895 International Feet.
KM	Kilometers - 0.53961 miles or 3280.8 feet.
KNOT	A single nautical mile or 1.1516 statute miles.
LEAGUE	League - 3 statute miles or 4.8280 kilometers.
LINK	Links - 7.92 inches or 0.04 rods (Gunter)
M	Meters - 1.093614 yards or 39.3701 inches.
MI	Miles - 80 chains (Gunter) or 320 rods.
MIL	MILS - 0.001 inches.
MM	Millimeters - 0.03937 inches.
MYM	Myriameters - 6.21372 miles.
NM	A distance of one billionth of a meter.
NLEAGUE	Nautical leagues - 3 nautical miles or 5.5597 kilometers.
NMI	Nautical miles - 1.1516 statute miles.
PICA	Picas - 0.166666 inches or 12 points.
POINT	point - 0.1384 inches
ROD	Rods - 0.25 chains (Gunter) or 5.5 yards.
UM	Micrometers - 0.00003937 inches.
US_SURVEY_FT	1 meter = 3.28083333 US survey feet.
YD	A unit of distance equal to 3 feet or 0.9144 meter.

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_uomare	Unit of Measure - Area	List Domain
Coded Values		
Code	**Description**	
ACR	Acres – 43,560 sq. feet.	
ARE	Ares - 1 sq. decameter.	
CM2	Square centimeters - 0.115 sq. inches.	
DARE	Deciares - 11.96 sq. yards.	
DM2	Square decimeters - 15.5 sq. inches.	
HA	Hectares - 2.471044 acres.	
KM2	Square kilometers - .3861006 sq. miles.	
M2	Square meters - 10.76387 sq. feet - 1 centare.	
MM2	Square millimeters - 0.00155 sq. inches.	
SFT	Square feet - 144 sq. inches.	
SIN	Square inches - 6.4516258 sq. cm.	
SMI	Square miles - 640 acres.	
SQCH	Square chains (Surveyor) - 4356 sq. feet - 16 sq. rods.	
FT2	An area equal to a square whose edge is one foot.	
IN2	An area equal to a square whose edge is one inch.	
MI2	An area equal to a square whose edge is one mile.	
YD2	An area equal to a square whose edge is one yard.	
SRD	Square rods - 30.25 sq. yards.	
SYD	Square yard - 0.83613 sq. meters.	

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_uomvol	Unit of Measure - Volume	List Domain
Coded Values		
Code	**Description**	
ACR_FT	The volume of water, 43,560 cubic feet, that will cover an	

	area of one acre to a depth of one foot.
AFT	Acre feet.
BBL	A unit of capacity or volume equal to 31.50 gallons, 119.24 liters or 4.21 cubic feet.
BF	Board feet.
CC	Cubic centimeters.
CDFT	Cord-Foot.
CFT	Cubic feet.
CIN	Cubic inches.
CR	Cords.
CM3	A volume equal to a cube whose edge is one centimeter.
FT3	A volume equal to a cube whose edge is one foot.
IN3	A volume equal to a cube whose edge is one inch.
YD3	A volume equal to a cube whose edge is one yard.
CYD	Cubic yards.
DL	A volume equal to one tenth of a liter.
FOZ	A unit of capacity or volume used in liquid measure equal to 1.804 cubic inches, 1/16 of a pint or 29.574 milliliters.
GAL_UK	A unit of volume in the British Imperial System, used in liquid and dry measure, equal to 4.546 liters.
GAL_US	A unit of capacity or volume used in liquid measure equal to 4 quarts or 3.785 liters.
GIL	Gills (U.S. liquid).
HL	Hectoliters.
KGAL	A unit of capacity or volume equal to 1000 gallons.
KL	Kiloliters.
KM3	Cubic kilometers.
L	Liters.
M3	Cubic meters - stere.
MGAL	A unit of capacity or volume equal to one million gallons.
MI3	Cubic miles.
MILLION_GALLONS	Million gallons.

ML	Milliliters.
MM3	Cubic millimeters.
PT	A unit of capacity or volume used in liquid measure equal to 16 fluid ounces or 0.473 liter.
QT	A unit of capacity or volume used in liquid measure equal to 2 pints or 0.946 liter.
TUN	A volume of liquid equal to approximately 254 gallons (954 liters).
UKBBL	Dry barrels (U.K. dry).
UKBUDRY	Bushels (U.K. dry).
UKGAL	Gallons (U.K. liquid).
UKGI	Gills (U.K. liquid).
UKHHD	Hogsheads (U.K. liquid).
UKPK	Peck (U.K. dry).
UKPT	Liquid pints (U.K. liquid).
UKQT	Liquid quarts (U.K. liquid).
USBBL_DRY	Dry barrels (U.S. dry).
USBBL_LIQ	Liquid barrels (U.S. liquid).
USBUDRY	Bushels (U.S. dry).
USGAL	Gallons (U.S. liquid).
USHHD	Hogsheads (U.S. liquid).
USPK	Peck (U.S. dry).
USPT_DRY	Dry pints (U.S. dry).
USPT_LIQ	Liquid pints (U.S. liquid).
USQT_DRY	Dry quarts (U.S. dry).
USQT_LIQ	lLquid quarts (U.S. liquid).

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_uom	Unit of Measure	List Domain
Coded Values		
Code	**Description**	

1	<1%
10	0.09
11	0.1
12	11-15%
13	16-20%
14	21-30%
15	>31%
2	0.01
3	0.02
4	0.03
5	0.04
6	0.05
7	0.06
8	0.07
9	0.08
AQLFPFT3	aquatic life per cubic foot
AQLFPIN3	aquatic life per cubic inch
AQLFPM3	aquatic life per cubic meter
AQLFPMI3	aquatic life per cubic mile
AQLFPYD3	aquatic life per cubic yard
ARTF_M2	artifacts per square meter
ARTF_YD2	artifacts per square yard
ARTIFACTPM3	artifacts per cubic meter
ARTIFACTPYD3	artifacts per cubic yard
BIOM_FT2	biomes per square foot
BIOM_M2	biomes per square meter
BIOM_YD2	biomes per square yard
CD	candela - luminous intensity
CI	curie - radioactivity
CI_D	A radioactivity emission rate equal to one curie in one day.
CI_ML	A radioactivity concentration equal to one curie in a

	milliliter.
DPAS	A unit of viscosity equal to one tenth of a pascal second or one poise.
DOLLARS	dollars
DYN	dyne - force
EACH	each
F_CC	fibers per cubic centimeter (air - asbestos)
FAMILIES	families
FEETBERTH	feet of berthing
FIREPOINT	firing points
FRACTURESPFT	fractures per foot
FREQUENCY	frequency
HALFLIFE	half life
HEADS	heads
JOINTS	joints
JTUS	Jackson Turbidity Units
KW	kilowatt - power
LANES	lanes
LM	The unit of luminous flux equal to luminous flux emitted in a solid angle of one steradian by a uniform point source having an intensity of one candle.
LM_FT2	The illumination of a surface one foot distant from a source of one candela, equal to one foot-candle.
MDSTATIONS	physician stations
UCI	A unit of radioactivity equal to one millionth of a curie.
UCI_ML	A radioactive concentration equal to one millionth of a curie in a millilter.
MINLAT	minutes of latitude
MOL	mole - amount of substance
N	Newton
NOOPERATIONS	number of operations
OPERATEUNITS	operating units
OTHER	other

P_F_	power factor
PCI_L	A radioactive concentration equal to one trillionth of a curie in a liter.
PCT	percent
PERCENT	percent
PH	pH = - log10[H+]
PCI	A unit of radioactivity equal to one trillionth of a curie.
PCI_D	A radioactivity emission rate equal to one trillionth of a curie in one day.
PCI_MG	A radioactive concentration equal to one trillionth of a curie in a milligram.
PCI_ML	A radioactive concentration equal to one trillionth of a curie in a milliliter.
PCI_MIN	A radioactivity emission rate equal to one trillionth of a curie in one minute.
LB_HR_TON	A rate equal to one pound per hour per ton.
LB_MWHR	A rate equal to one pound per megawatt-hour.
LBF	A unit of force equal to a force of one pound acting between two bodies.
PPB	parts per billion
PPL_FT2	people per square foot
PPL_MI2	people per square mile
PPM	parts per million
PPT	parts per trillion
PPTH	parts per thousand
RAIL_TRACKS	railroad tracks
RATIO	ratio
RELHUMIDITY	relative humidity
ROOMS	rooms
ROUNDS	rounds
SEATS	seats
SPACES	spaces
STALLS	stalls

STRUCTURES	structures
TBD	to be determined
TREES_A	trees per acre
UNITS	units
UNKNOWN	unknown
VEHICLES	vehicles
VEHICLSPACES	vehicle parking spaces
WILD_A2	wildlife per acre
WILD_FT2	wildlife per square foot
WILD_IN2	wildlife per square inch
WILD_M2	wildlife per square meter
WILD_MI2	wildlife per square mile
WILD_YD2	wildlife per square yard
XRAYROOMS	x-ray rooms

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_cabuse	Discriminator-Cable Use	Coded Values
Coded Values		
Code	**Description**	
OTHER	other cable	
TBD	to be determined	
TELEGRAPH	Telegraph	
TELEPHONE	telephone cable	
TELEVISION	television cable	
UNKNOWN	unknown use	

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_coant	Discriminator-Comm Antenna	Coded Values
Coded Values		

Code	Description
DIPOLE	dipole antenna
FIELD	field antenna
PARABOLIC	parabolic antenna
PATCH	Directional Patch Antenna.
YAGI	Directional Yagi Antenna.
OTHER	The type of antenna is not listed.
UNKNOWN	The type of antenna is unknown.

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_arttyp	Discriminator-Artifact Type	Coded Values
Coded Values		
Code	**Description**	
FIRE_ROCK	Rocks which are discolored due to ancient fires or which have been used as part of a fire pit.	
GENERAL	A generic artifact which cannot otherwise be removed from the site.	
UNKNOWN	An artifact which has been left in place but has not specifically been identified.	
OTHER	The type artifact found is not listed	

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_dculpd	Discriminator-Cultural Period	Coded Values
Coded Values		
Code	**Description**	
HISTORIC	historic or since recorded history	
PREHISTORIC	prehistoric or prior to recorded history	
UNKNOWN	The time period for the archeological area is not listed.	
OTHER	The time period for the archeological area is not listed.	

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_regstt	Cultural-National Regis Status	Coded Values
Coded Values		
Code	**Description**	
ELIGIBLE	determined eligible (SHPO determination)	
LISTED	listed	
NATLANDMARK	national landmark	
NATUSRELIGN	native American religious site	
NOMINATED	nominated	
NOTELIGIBLE	not eligible (SHPO determination)	
PARTOFNRHP	part of NRHP district	
PENDINGNOMIN	pending nomination	
RECOMMENDNO	recommended ineligible (recorders recommendation)	
RECOMMENDYES	recommended eligible (recorders recommendation)	
REMOVEDELIGB	removed from eligible listing	
REMOVEDNRHP	removed from NRHP, NHL listing	
TBD	to be determined	
UNKNOWN	unknown	
OTHER	The status on the national register is not listed.	

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_culfet	Cultural-Feature Type	Coded Values
Coded Values		
Code	**Description**	
INTERPRETIVE	interpretive sites	
LANDMARKS	landmarks of historical significance	
MARKERS	markers for locations of historic events	
MEMORIALS	memorials to deaths or acts of heroism	
MONUMENT	historical monuments or displays	

MUSEUMS	places where artifacts are kept
TBD	to be determined
UNKNOWN	unknown
OTHER	The type artifact found is not listed.

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_histyp	Type List-Historical Monument	Coded Values
Coded Values		
Code	**Description**	
NATIONAL	National or federal monument	
OTHER	Monument other than National or State	
STATE	State monument	
UNKNOWN	The status of the historic feature is unknown.	
OTHER	The status of the historic feature is not listed.	

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_reglst	Type List-Registry List	List Domain
Coded Values		
Code	**Description**	
FEDERAL	federal	
LOCAL	local (city, town, county)	
NA	not applicable	
NATURECONSRV	nature conservancy	
STATE	state	
TBD	to be determined	
OTHER	The registry is not listed.	
UNKNOWN	The registry is unknown.	

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_sphtyp	Discriminator – Special Habitat	List Domain
Coded Values		
Code	**Description**	
C	Candidate Taxon, Ready for Proposal	
DA	Delisted Taxon, Amendment of the Act	
D3A	Delisted Taxon, Evidently Extinct	
D3B	Delisted Taxon, Invalid Name in Current Scientific Opinion	
DP	Delisted Taxon, Discovered Preiously Unknown Additional Populations and/or Habitats	
DR	Delisted Taxon, original Commercial Data	
DO	Delisted Taxon, Original Commercial Data erroneous	
DM	Delisted Taxon, Recovered, Being Monitored First Five Yeards	
D3C	Delisted Taxon, Recovered	
EME	Emergency Listing, Endangered	
EMT	Emergency Listing, Threatened	
ENDANGERED	endangered	
EXPE	Experimental Population, Essential	
EXPN	Experimental Population, Non-Essential	
NONE	None	
AD	Proposed Delisting	
PE	Proposed Endangered	
PEXPE	Proposed Experimental Population, Essential	
PEXPN	Proposed Experimental Population, Non-essential	
AE	Proposed Reclassification to Endangered	
AT	Proposed Reclassification to Threatened	
PSAE	Proposed Similarity of Appearance to an Endangered Taxon	
PSAT	Proposed Similarity of Appearance to an Threatened Taxon	
PT	Proposed Threatened	
RARE	Rare	

SENSITIVE	sensitive
SAE	Similarity of Appearance to an Endangered Taxon
SAT	Similarity of Appearance to a Threatened Taxon
THREATENED	threatened
UNK	Unknown
OTHER	The habitat designation is not listed.

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_habuse	Use List-Habitat	Coded Values
Coded Values		
Code	**Description**	
BREEDING	Breeding	
FEEDING	Feeding.	
LOAFING	Loafing	
NESTING	Nesting	
RESTING	Resting	
ROOSTING	Roosting	
STOPOVER	Stopover.	
WINTERING	Wintering.	
UNKNOWN	The use of the ecology habitat area is unknown.	
EATING	The ecology habitat area is used for eating.	
FORAGING	The ecology habitat area is used for foraging.	
OTHER	The use of the ecology habitat area is not listed.	

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_habtyp	Type List-Habitat	Coded Values
Coded Values		
Code	**Description**	
CAVE	Cave	

CLEARING	Clearing
CLIFF	Cliff
COASTAL	Coastal.
CORAL_REEFS	Coral Reefs.
CULTIVATED_FIELD	Cultivated Field
DESERT	Desert
ESTUARINE	Estuarine.
FOREST	Forest
GRASSLANDS	Grasslands.
ICE	Ice.
LAKE	Lake
LOWLAND	Lowland
MEADOW	Meadow
NB	Natural Bank.
NEARSHORE	Nearshore zone, dune line to closure depth
OCEAN	Ocean
OTHER	other
PERENNIAL_SNOW	Perennial Snow.
PONDS	Ponds.
PRAIRE	Praire
RIPARIAN	Riparian
RIVERS	Rivers.
SAVANNA	Savanna
SHOAL	Shoal
SHORE_ZONE	Shore Zone
STREAM	Stream
SWAMP	Swamp
TBD	to be determined
UNDEVELOPED_LAND	Undeveloped land
UNKNOWN	unknown
UNVEG_SAND	Unvegetated Sand.

UPLAND	Upland
URBAN_LAND	Urban land
VEG_SAND	Vegetated Sand.
WETLANDS	Wetlands

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_rserve	Type List-Reserve	Coded Values
Coded Values		
Code	**Description**	
FEDERAL	Federal Government	
STATE	State Government	
TERRITORIAL	Territorial Government	
TRIBAL	Tribal Government	
LOCAL	Local Government	
OTHER	Type of government is not listed.	
UNKNOWN	Type of government is uknown.	

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_prstyp	Type List – Preserve Owners	List Domain
Coded Values		
Code	**Description**	
FEDERAL	Federal.	
NAT_CNSRV	Nature Conservancy.	
OTHER	Other.	
NATURECONSRV	nature conservancy	
STATE	State.	
UNKNOWN	The type of preserve is unknown.	

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_mstyp	Type List-Material State	Coded Values
Coded Values		
Code	**Description**	
GAS	gas	
LIQUID	liquid	
SOLID	solid	
OTHER	The type of pollutant is not listed.	
UNKNOWN	The type of pollutant is unknown.	

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_boolen	Value List-Boolean	List Domain
Coded Values		
Code	**Description**	
NO	No.	
YES	Yes.	
N	No.	
Y	Yes.	
UNKNOWN	Unknown.	

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_prodct	Pipeline Product	Coded Values
Coded Values		
Code	**Description**	
BAUXITE	BAUXITE	
CEMENT	CEMENT	
CHEMICALS	CHEMICALS	
COAL	COAL	

COKE	COKE
DRINKING_WATER	DRINKING_WATER
GAS	GAS
GRAIN	GRAIN
IRON_INGOTS	IRON_INGOTS
LIQUIFIED_NATURAL_GAS	LIQUIFIED_NATURAL_GAS
LIQUIFIED_PETROLEUM_GAS	LIQUIFIED_PETROLEUM_GAS
MILK	MILK
OIL	OIL
ORE	ORE
SALT	SALT
SAND	SAND
SAWDUST_WOODCHIPS	SAWDUST_WOODCHIPS
SCRAP_METAL	SCRAP_METAL
STONE	STONE
TIMBER	TIMBER
WATER	WATER
WINE	WINE
UNKNOWN	The type of product is unknown.
OTHER	The type of product is not listed.

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_tnksys	System List-Tank	Coded Values
Coded Values		
Code	**Description**	
FUEL	A tank for fuel	
GAS	A tank for gas	
OTHER	The system is not listed.	
WASTEWATER	A tank for wastewater	
WATER	A tank for water	

UNKNOWN	The system is unknown
INDUSTRIAL_WASTE	A tank for industrial waste.

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_tkstat	System List-Tank Status	List Domain
Coded Values		
Code	**Description**	
ABANDONED	Tank is permanently out of service and has not been removed or "closed" in accordance with the appropriate environmental regulations	
CLOSEDINPLACE	Permanently taken out of service, filled with inert material, left inplace, site has been closed in accordance with appropriate environmental regulations.	
CLOSEDREMOVED	Permanently taken out of service, has been removed, and the tank site has been "closed" in accordance with all appropriate environmental regulations.	
FILLED	Permanently taken out of service, filled with inert material, left inplace, site was not closed in accordance with current appropriate environmental regulations	
IN_USE	Tank is currently in service or active use.	
INACTIVE	Tank is temporarily out of service, but is available for future service.	
REMOVED	Tank was permanently taken out of service and removed, but the tank site was not "closed" in accordance with all current applicable environmental regulations.	
UNKNOWN	The status is unknown.	
OTHER	The status is not listed.	

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_erscat	Env – Env Restoration Site	Coded Values
Coded Values		
Code	**Description**	

BRAC	Department of Defense Base Relocation and Closure Program Site
BROWNFIELD	Area designated as a Brownfield Site by the EPA or state environmental regulatory authority.
CERCLA	A site requiring investigation or action in order to comply with the requirements of the Comprehensive Environmental Response, Compensation, and Liability Act
ER	Environmental Restoration Site not included in another environmental restoration site category
FUDS	Department of Defense Formerly Used Defense Program Site
IRP	Department of Defense Installation Restoration Program Site
RCRA	A site requiring investigation or action to comply with requirements of the Resource Conservation and Recovery Act
SUPERFUND	Geographic Area, designated by Environmental Protection Agency, where hazardous waste is either abandoned or uncontrolled, as mandated and defined by CERCLA
SWMU	An area designated as a Solid Waste Management Unit for management and compliance with RCRA regulations.
UNKNOWN	The type of environmental restoration area is unknown.
OTHER	The type of environmental restoration area is not listed.

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_swmdis	Discriminator-SWM Disposition	Coded Values
Coded Values		
Code	**Description**	
ABANDONED	Abandoned, or not closed in accordance with the appropriate environmental regulations in effect at the time of abandonment or closure.	
ACTIVE	In active operation or use.	
CLOSED	Closed in accordance with the appropriate environmental regulations in effect at the time of closure.	
FUTURE	Area reserved for future construction or operation of subject item.	
PROPOSED	Proposed for construction or operation (i.e., in planning, design, or construction phase).	

UNKNOWN	The status of the solid waste landfill is unknown.

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_swmcls	ENV-Solid Waste Classification	Coded Values

Coded Values	
Code	**Description**
DEBRIS	Solid waste management landfill, incinerator, or other item is permitted or used for the disposal of nonhazardous construction debris and wood materials.
HAZARDOUS_WASTE	Solid waste management landfill, incinerator, or other item is permitted or used for the disposal of hazardous waste.
INDUSTRIAL	Industrial
SANITARY_WASTE	Solid waste management landfill, incinerator, or other item is permitted or used for the disposal of household garbage, sanitary waste, and nonhazardous waste.
TOXIC_WASTE	Toxic Waste
UNKNOWN	The type of solid waste landfill is unknown.
OTHER	The type of solid waste landfill is not listed.

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_faclas	Discriminator-Fauna Class	Coded Values

Coded Values	
Code	**Description**
AMPHIBIA	Amphibians
AVES	Aves (Birds)
CRUSTACEA	Crustaceans
GENERAL	An aggregate of more than one species.
INSECTA	Insects
MAMMALIA	Mammels
MOLLUSCA	Mollusks

PISCES	Pisces (Fish)
REPTILIA	Reptiles
UNKNOWN	The type of species is unknown.
OTHER	The type of species is not listed.

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_nsttyp	Discriminator-Nest	List Domain
Coded Values		
Code	**Description**	
ARTIFICIAL	The site consists primarily of man made phenomenon to facilitate nesting.	
NATURAL	The site consists primarily of natural phenomenon to facilitate nesting.	
UNKNOWN	The type of nest is unknown.	
OTHER	The type of nest is not listed.	

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_usetyp	Discriminator-Use	List Domain
Coded Values		
Code	**Description**	
ABANDONED	The feature is inactive and not in use	
ACTIVE	The feature is currently in use	
UNKNOWN	Unknown.	
OTHER	The status is not listed.	

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_fahzty	Fauna – Hazards Type	List Domain
Coded Values		

Code	Description
BASH	Bash.
DEER_STRIKE	Deer_strike.
TBD	To Be Determined.
TORTOISE_PITFALLS	Tortoise Pitfalls.
UNKNOWN	Unknown.
OTHER	The status is not listed.

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_flcas	Discriminator-Flora Class	Coded Values
Coded Values		
Code	**Description**	
BRYOID	Bryoid	
EPIPHYTE	Epiphyte	
GENERAL	An aggregate of flora species.	
HERB	Herb	
LIANA	Liana	
SHRUB	Shrub	
THALLOPHYTE	Thallophyte	
TREE	Tree	
UNKNOWN	The type of species is unknown.	
OTHER	The type of flora class is not listed.	

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_fircau	Flora – Fire Cause	List Domain
Coded Values		
Code	**Description**	
ARSON	Arson.	
CAMPFIRE	Campfire.	

ELECTRICAL	Electrical.
FIREWORKS	Fireworks.
LGHTNG_STRK	Lightening Strike.
MAN	Man-made or prescribed fires.
MOTOR_EQUIP	Motorized Equipment.
OFF_RD_VEH	Off-Road Vehicle.
OTHER	Other, Not otherwise listed
POWER_LINE	Power Line.
SMOKING	Smoking.
TBD	To be determined
TRSH_BURN	Trash Burning.
UNKNOWN	Unknown
WILD	Wild or unplanned fires.

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_fortyp	Flora - Forest	List Domain
Coded Values		
Code	**Description**	
ANALYSIS_PLOT	analysis plot	
COMPARTMENT	compartment	
FOREST_PLOT	forest plot	
FOREST_STAND	forest stand	
TBD	to be determined	
OTHER	The type of forest is not listed.	
UNKOWN	The type of forest is unknown.	

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_fettyp	Future – Feature Type	List Domain
Coded Values		

Code	Description
AIRFIELD_PAVEMENT	airfield pavement
AMPHITHEATHER	amphitheater
ATHLETIC_COURTS	tennis, racquetball, volleyball, basketball, etc.
ATHLETIC_FIELDS	soccer, baseball, softball, etc.
BUILDING	Building
DRIVING_RANGE	driving range
GOLF_FAIRWAY	golf fairway
GOLF_GREEN	golf green
GOLF_TEE	golf tee
MARINA	marina
OTHER	Other.
PARK	park
PARKING_LOT	parking lot
PAVILIONS	pavilions
PICNIC_AREAS	picnic areas
PIER	pier
PLAYGROUND	playground
POOL	pool
RESIDENTIAL	Residential.
ROAD	road
SAND_BEACH_AREA	sand beach area
SEA_WALL	sea wall
SIDEWALK	sidewalk
UTILITY	Utility
WATER_BODIES	like new man-made ponds or lakes
UNKNOWN	The type of project is unknown.

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_montyp	Type List - Monument	List Domain

Coded Values	
Code	**Description**
A	A type marker
ACTUAL	Actual.
B	B type marker
C	C type marker
CAP	Cap
D	D type marker
E	E type marker
F	F type marker
G	G type marker
INTERMITTENT_CAP	Intermittent cap
INTERMITTENT_ROD	Intermittent rod
OTHER	Other
PIN_ROD_PIPE	Pin, rod, pipe
REFERENCE	Reference.
UNKNOWN	The type of monument is unknown.

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_metadn	Metadata – Altitude Datum Name	List Domain
Coded Values		
Code	**Description**	
ALWP	Average Low Water Plane	
LWRP	Low Water Reference Plane 1974	
MHW	Mean High Water	
MLG	Mean Low Gulf	
MLLW	Mean Lower Low Water	
MSL	Mean Sea Level	
NAVD_88	North American Vertical Datum of 1988	
NGVD_29	National Geodetic Vertical Datum of 1929	

UNKNOWN	The datum is unknown.
OTHER	The datum is not listed.

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_metHdn	Metadata – Horizontal Datum Name	List Domain
Coded Values		
Code	**Description**	
HARN	High Accuracy Reference Network	
HARN_94	High Accuracy Reference Network_94	
NAD_27	North American Datum of 1927	
NAD_83	North American Datum of 1983	
WGS_84	World Geodetic Survey of 1984.	
UNKNOWN	The datum is unknown.	
OTHER	The datum is not listed.	

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_shrtyp	Discriminator-Shoreline Type	Coded Values
Coded Values		
Code	**Description**	
MHW	The average of all observed high tides for the shoreline.	
MLLW	The average height of the lower low tides observed over a specific interval for the shoreline.	
MLW	The average of all observed low tides for the shoreline.	
UNKNOWN	The type of shoreline is unknown.	
OTHER	The type of shoreline is not listed.	

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_fldzon	Discriminator-Flood Zone	Coded Values

Coded Values	
Code	**Description**
10_YEAR	the land is subject to probable flooding every 10 years
100_YEAR	the land is subject to probable flooding every 100 years
15_YEAR	the land is subject to probably flooding every 15 years
25_YEAR	the land is subject to probable flooding every 25 years
5_YEAR	the land is subject to probably flooding every 5 years
50_YEAR	the land is subject to probable flooding every 50 years
500_YEAR	the land is subject to probable flooding every 500 years
GENERAL	a general or otherwise unspecified flood zone
PROJECTED	the land is subject to probable projected flooding as specified
UNKNOWN	The type of flood zone is unknown.
OTHER	The type of flood zone is not listed.

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_watper	Discriminator-Water Permanence	Coded Values
Coded Values		
Code	**Description**	
DRY	Almost never contains water, and then only as a direct result of local storms	
INTERMITTENT	Contains or does not contain water based on climatic conditions	
PERMANENT	Contains water except under extreme circumstances.	
UNKNOWN	The permanence of the water feature is unknown.	
OTHER	The permanence of the water feature is not listed.	

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_bodtyp	Hydrography-Water Body	Coded Values
Coded Values		
Code	**Description**	

BAY	A water body associated with the mouth of a river.
CANDIDATE	candidate river - stream - pond - lake
DUCK_POND	A small water body, modified by man specifically to function as a duck habitats.
FISH_HATCHERY	Water bodies used exclusively for the hatching and raising of fish.
LAKE	Lake
M_RESERVIOR	An artificial lake with masonry sides where water is collected and kept in quantity for use.
NA	not applicable
OCEAN	Ocean.
POND	A small water body, occasionally man made.
SALT_LAKE	A lake with a very high salt content.
SALT_POND	A small water body with a very high salt content.
SCENICRIVER	scenic river - stream -pond - lake
TAILINGS_POND	A small water body which contains mill wastes which are in the form of finely divided particles suspended in water and disposed of in that fashion.
WILDRIVER	wild river - stream - pond - lake
UNKNOWN	The type of water body is unknown.
OTHER	The type of water body is not listed.

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_stmtyp	Hydrography-Stream Type	Coded Values
Coded Values		
Code	**Description**	
AQUEDUCT	conduit for carrying a large quantity of flowing water	
CANAL	artificial waterway for navigation or irrigating land	
CANDIDATE	A candidate river, stream, etc	
CREEK	Creek or Stream	
FLUME	inclined channel for carrying water	
PERENNIAL	Perennial	

RIVER	A major river water course
SCENICRIVER	Scenic River, stream, etc.
TBD	to be determined
WILD_RIVER	Wild River or Stream
UNKNOWN	The type of water course is unknown.
OTHER	The type of water course is not listed.

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_wettyp	Type List-Wetland	Coded Values
Coded Values		
Code	**Description**	
BOG_HEATH	temperate/cold scrub	
MANGROVSWAMP	mangrove swamp	
MARSHBRACKWT	marsh - brackwater	
MARSHFRESHWT	marsh - freshwater	
MARSHSALTYWT	marsh - saltwater	
SWAMPFRESHWT	swamp - freshwater	
SWAMPBRACKWT	swamp - brackwater	
SWAMPSALTYWT	swamp - saltwater	
TIDALEMUDFLT	tidal mud flats	
TIDALSLTMRSH	tidal saltwater marsh	
UNKNOWN	unknown	
OTHER	The type of wetland is not listed.	

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_crttyp	Type List-Athletic Court	Coded Values
Coded Values		
Code	**Description**	
BASKETBALL	Basketball Court	

HANDBALL	Handball Court
HOCKEY_RINK	Hockey Rink.
OTHER	Other.
SKATE_PARK	Skate Park.
TENNIS	Tennis Court
VOLLEYBALL	Volleyball.
UNKNOWN	The type of athletic court is unknown.

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_fldtyp	Type List-Athletic Field	Coded Values

Coded Values	
Code	**Description**
BASEBALL	Baseball Field
FOOTBALL	Football Field
RUGBY	Rugby Field
SOCCER	Soccer Field
SOFTBALL	Softball Field
TRACK	Track.
UNKNOWN	The type of athletic field is unknown.
OTHER	The type of athletic field is not listed.

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_fentyp	Type List – Fence	List Domain

Coded Values	
Code	**Description**
BARB_WIRE	barbed wire
CHAIN	Metal chain.
CHAIN_LINK	chain link
CROSSBAR	Metal bars that lock.

EARTHEN_BERM	Piled up earth or other debris. [Applies to Acc_typ_d = Barrier only)
GUARD_RAIL	Guard rail.
METAL_RAIL	Metal rail or pipe.
PCB	PCB.
PLASTIC	Plastic.
POST_AND_CABLE	Posts with metal cable between them.
POST_AND_FRAME	Posts with swinging metal frame, usually a cattle gate.
POST_AND_RAIL	wooden post and rails
SMOOTH_WIRE	smooth wire
STEEL	Steel.
TBD	to be determined
UNKNOWN	unknown
WIRE_MESH	Wire mesh.
WOODEN_SLATS	vertical wooden boards
WROUGHT_IRON	Posts with swinging wrought iron (heavy duty and decorative) frame.
YELLOW_STEEL	Posts with swinging steel frame, painted yellow. Reserved for some security or force protection.
OTHER	The material is not listed.

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_fenuse	Type List-Fence Use	Coded Values
Coded Values		
Code	**Description**	
AGRICULTURE	agriculture	
BOUNDARY	boundary	
CROSS	cross	
GRAZING_LEASE	grazing lease	
INTERIOR	Residential area fences.	
PRIVATE	private	

SECURITY	security
VEHICLE_BARRIER	vehicle barrier
UNKNOWN	The purpose is unknown.
OTHER	The purpose is not listed.

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_barrty	Type List – Barrier	List Domain
Coded Values		
Code	**Description**	
BUILDING	Perimeter feature is a Building.	
CONSTRUCTION	Perimeter consists of construction area.	
FENCE	Perimeter feature consists of Fencing material.	
NONE	There is no barrier.	
OTHER	Other.	
TBD	To Be Determined.	
TERRAIN	Perimeter consists of restrictive terrain.	
TERRAIN_AND_VEGETATI	Perimeter consists of restrictive terrain and thick vegetation.	
VEGETATION	Perimeter consists of thick vegetation.	
WALL	Perimeter feature is a Wall.	
BOLLARD	Perimeter features is a bollard.	
CONCRETE	Perimeter feature is a concrete barricade.	
UNKNOWN	Perimeter feature is unknown.	

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_waltyp	Type List – Wall	List Domain
Coded Values		
Code	**Description**	

BRICK	brick
CONCRETE	concrete
STONE	stone
TIMBER	timber
UNKNOWN	The material is unknown.
OTHER	The material is not listed.

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_rectrl	Type List-Recreation Trail	Coded Values
Coded Values		
Code	**Description**	
BICYCLING	bicycling	
HIKING	hiking or walking	
MOTORIZED	motorcycles or other motorized vehicles	
RIDING	horse riding	
RUNNING	running or jogging	
TBD	to be determined	
UNKNOWN	unknown	
OTHER	The type of recreation trail is not listed.	

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_huntty	Type List – Hunting	List Domain
Coded Values		
Code	**Description**	
ARCHERY	Only Bow Hunting is permitted	
OTHER	Other, Not otherwise listed	
RESTRICTED	Hunting is restricted based on weapon type.	
SHOTGUN	Shotgun	
TBD	To be determined	

UNKNOWN	Unknown
UNLIMITED	There are no restrictions on hunting.

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_speall	Type List – Allowable Species	List Domain
Coded Values		
Code	**Description**	
LARGE_GAME	large game	
OTHER	other	
SMALL_GAME	small game	
WATERFOWL	waterfowl	
UNKNOWN	The type of game is unknown.	

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_levtyp	Discriminator – Levee Type	List Domain
Coded Values		
Code	**Description**	
FRONTLINE	A levee adjacent to the river that, in conjunction with the mainline levee, forms a floodway.	
FUSEPLUG	A reach of levee designed to be overtopped, eroded, or breached in order to lower river stages during flood events.	
MAINLINE	The main levee structure adjacent to a river.	
OTHER	Other elements of the levee system including subordinate levees along tributaries.	
SPUR	A levee segment extending from the main levee for protection against erosion by floods.	
RING	ring	
TRIBUTARY	tributary	
SUBLEVEES	sublevees	
SETBACK	setback	

UNKNOWN	The type of levee is unknown.

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_watwel	Discriminator-Water Well Type	Coded Values
Coded Values		
Code	**Description**	
DOMESTIC_WATER	Domestic Water	
EXTRACTION	Extraction	
INJECTION	Injection	
IRRIGATION	Irrigation	
MONITORING	Monitoring	
UNKNOWN	The type of water well is unknown.	
OTHER	The type of water well is not listed.	

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_paruse	Land Status-Land Use	Coded Values
Coded Values		
Code	**Description**	
ADMINISTRATE	administration	
AGRIFIELD	agricultural field	
AIRFLDCLEAR	airfield clearance	
AIRFLDPAVEMT	airfield pavement	
AIROPSMAINTN	aircraft operations and maintenance	
AMMOSTORAGE	ammunition storage	
BEQ	bachelor enlisted quarters	
BOQ	bachelor officer quarters	
CIVIL_AEROPLANE_AIRPORT	civil aeroplane airport	
CIVIL_HELIPORT	CIVIL_HELIPORT	
COMMCOMMERCE	community commercial	

COMMFACILITY	community facility
COMMSERVICE	community service
COMMSERVICES	commercial services
CROP_PRODUCT	crop production
ELECOMBTTEST	electronic combat ground test
EMERGENCY_AIRFIELD	emergency airfield
ENLISTBARRAK	enlisted barracks
EXPLOSIVSAFZ	munitions/explosive safety hazard zone
FAMILYHOUSNG	family housing
FARM_CROPS	farming, crops
FARM_GRAZING	farming, grazing
FARM_NUTREE	farming, nuts
FARM_ORCHARD	farming, orchard fruit
FARM_VINEYRD	farming, vineyard
FLOWAGE_EASEMENT	Flowage Easement
FLTLIN_RDTE	flight line/research-development-testing-evaluation
FLYWAY	flyway
FOREST	forest
FUELS_AREA	fuels area
GLIDER_AIRFIELD	GLIDER_AIRFIELD
GOVERNMENTAL	governmental
GRANT	grant
GRAZING_AREA	grazing area
HAY_PRODUCE	hay production area
HELIPORT	heliport
HISTORIC	historic
HOUSEACCOMPD	housing accompanied
HOUSUNACOMPD	housing unaccompanied
HQ	headquarters, HQ
HUNTING_AREA	hunting area

INSTRUCOMMUN	instrumentation/communication
LAND_RESTORE	land restoration
LEASED_LAND	leased land
LEVEE	Levee
MAINTENANCE	maintenance
MANUF_PRODUC	manufacturing and production
MEDIC_DENTAL	medical/dental
MILITARY	military
MILITARY_AEROPLANE_AIRPORT	military aeroplane airport
MILITARY_HELIPORT	MILITARY_HELIPORT
MINING	mining
MOBILE_HOME	Mobile Home.
NOISEOVRFLGT	noise/overflight
OPENBUFFZONE	open space/buffer zone
OPERATIONS	operations
OUTDOOR_REC	outdoor recreation
PARCEL	parcel
PASTURE	pasture
PRIVATE	private
RAILROAD	railroad
RANGE	range
RDTE	research, development, testing, and evaluation
REAL_ESTATE	real estate
REC_CENTER	recreation center
RECRATIONAL	recreational
RESIDEOTHER	residence, other
RESIDPRIMARY	residence, primary
ROAD	road
SANITATION	sanitation
SCHOOL	school

SMALL_PLANE_AIRFIELD	small planes airfield
SPACEPORT	space port
SUPPLY_STORE	supply/storage
TBD	to be determined
TEST_RANGE	test range
TIMBER	timber
TRAINING	training
TROOP_HOUSE	troop housing
TROOPSUPPORT	troop support
UNKNOWN	unknown
UTILCORRIDOR	utilities corridor
UTILITY	utility
VOQ	visiting officers quarters
WATER	water
OTHER	The type land use is not listed.

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_usedis	Disposition-Land Use	Coded Values
Coded Values		
Code	**Description**	
CURRENT	Current land use.	
FUTURE	Future land use.	
PAST	The disposition of a land use area. Current land use or future land use.	
UNKNOWN	The status of the land use area is unknown.	
OTHER	The status of the land use area is not listed.	

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_lndres	Discriminator – Restriction	List Domain

Coded Values	
Code	**Description**
DIGGING	Restrictions applied to digging.
GROUNDWATER	Groundwater use restricted
OPEN_BURNING	Limitations placed on the burning of trash, leaves, or other waste in open areas.
SEASONAL	Restrictions applied temporarily based on time of year or local conditions.
SOIL	Residential land use prohibited
UNKNOWN	The type of restriction is unknown.
OTHER	The type of restriction is not listed.

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_cnttyp	Discriminator-Contour	Coded Values
Coded Values		
Code	**Description**	
APP_IND_DEP	Depression contours which are estimated at some multiple of the smallest elevation interval	
APP_INDEX	Elevation contours which are estimated at some multiple of the smallest elevation interval	
APP_INTER	Elevation contours which are estimated at the smallest elevation interval	
APP_INTER_DEP	Depression contours which are estimated at the smallest elevation interval	
BREAKLINE	A breakline representa a discontinuity in the slope of the surface and is used to create an edge on a terrain model.	
DEPR_TICK_INDEX	A depression tick estimated at some multiple of the smallest elevation interval	
DEPR_TICK_INTER	A depression tick estimated at the smallest elevation interval.	
INDEX	Elevation contours placed at some multiple of the smallest elevation interval	
INDEX_DEP	Depression contours placed at some multiple of the smallest elevation interval	

INTER	Elevation contours which represent the smallest elevation interval
INTER_DEP	Depression contours which represent the smallest elevation interval
UNKNOWN	Unknown contour
OTHER	The type of elevation contour is not listed.

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_milspc	Military-Airspace	Coded Values

Coded Values	
Code	**Description**
GENERAL	General air space area designated for military use.
NO_OVERFLIGHT	An area where no overflight is.
PROHIBITED	Prohibited Area.
RESTRICTED	Designated areas established by appropriate authority over which flight of aircraft is restricted.
UNKNOWN	The type of special use airspace is unknown.
OTHER	The type of special use airspace is not listed.

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_accinc	Discriminator – Accident/Event	List Domain

Coded Values	
Code	**Description**
AVIATION	An event involving a military aircraft
EOD	An event involving explosive ordnance disposal.
PERSONNEL	An event involving military personnel
SHIP	An event involving military vessels
UXO	An event involving unexploded ordnance.
VEHICLE	An event involving a motorized military vehicle
OTHER	The type of event is not listed.

UNKNOWN	The type of event is unknown.

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_mgtuse	Use List-Range	Coded Values

Coded Values	
Code	**Description**
DEMOLITION	Demolition
DROP	Drop.
FIRE	Fire.
ORDNANCE	Ordnance.
TBD	to be determined
UNKNOWN	unknown
OTHER	The type of range is not listed.
FIRING	The range is a firing range.
NON-FIRING	The range is a non-firing range.

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_fstat	Status List-Facility	Coded Values

Coded Values	
Code	**Description**
ACTIVE	active
CLOSED	closed
CLOSED_NF	Non-Federal closed range.
HISTORIC	A range that no longer exists, but is not closed, transferred, or transferring.
INACTIVE	inactive
TBD	TBD
TRANSFERRED	transferred
TRANSFERRED_NF	Non-Federal transferred range.

TRANSFERRING	transferring
TRANSFERRING_NF	Non-Federal transferring range.
UNKNOWN	unknown
PROPOSED	The range is proposed for closure.

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_dfptyp	Discriminator-Firing Point	Coded Values
Coded Values		
Code	**Description**	
ARTILLERY	artillery	
MORTAR	Mortar firing point	
SMALL_ARMS	small arms (normally hand held)	
UNKNOWN	The type of firing point/line is unknown.	
OTHER	The type of firing point/line is not listed.	

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_afdtgt	Airfield-Target	Coded Values
Coded Values		
Code	**Description**	
AIRCRAFT	aircraft	
AMMODUMP	ammunition storage	
APC	armored personnel carrier	
ARMOREDTANK	armored tank vehicle	
ARMORFORMATN	armored formation	
BOAT_SHIP	boats and ships	
BRIDGE	vehicle/railroad bridge	
BUILDING	building	
BUNKER	bunker	
COMMANDSITE	command site	

DAM	dam
DOCK	dock
FUELTANK	fuel tank
GUNEMPLACEMT	gun emplacement
HANGER	hanger
HQ	headquarters
ORDNANCE	ordnance
OTHER	other
PEOPLE	people
PLYWOOD	Plywood.
POL_TRUCK	POL truck/truck park
POPUP_ARRAY	Target.
POWER_GENERAT	power generation site
RADAR_SITE	radar site
RAILWAY	railway
RUNWAY	runway
SA_2	SAM-2 site
SA_3	SAM-3 site
SA_4	SAM-4 site
SAM_BATTERY	SAM battery
SILHOUETTE	Silhouette.
STATIONARY_INFAN	Moving Armored Target.
STORAGE	storage
TACVEHICLE	tactical vehicle
TARGET_ARRAY_SAT	Stationary Armored Target.
TBD	to be determined
TIRE_STACK	Tire Stack.
TRACKVEHICLE	tracked vehicle
TRAIN	train
TRANSMITTER	transmitter
TRANSPORTSIT	transportation site

TRENCH	trench
TROOPCONCEN	troop concentration
TUNNEL	tunnel
VEHICLCONVOY	vehicle convoy
VEHICLE	vehicle
UNKNOWN	The type of target is unknown.

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_emhazd	Discriminator – Electmag Hazard	List Domain
Coded Values		
Code	**Description**	
HERF	Electromagnetic hazard to fuels (Hazards of Electromagnetic Radiation to Fuels)	
HERO_SUSC	Electromagnetic hazard to ordinance susceptible (Hazards of Electromagnetic Radiation to Ordinance)	
HERO_UNSAFE	Electromagnetic hazard to ordinance UNSAFE (Hazards of Electromagnetic Radiation to Ordinance)	
HERP	Electromagnetic radiation presents a hazard to personnel.	
UNKNOWN	The type of radiation hazard is unknown.	
OTHER	The type of radiation hazard is not listed.	

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_sftsdz	Military-Surface Danger Zone	Coded Values
Coded Values		
Code	**Description**	
LASER	Laser safety footprint	
OTHER	Other.	
WEAPON	Weapon safety footprint.	
UNKNOWN	The type of SDZ is unknown.	
OTHER	The type of SDZ is not listed.	

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_ordtyp	Military-Ordnance Type	List Domain
Coded Values		
Code	**Description**	
1305T789	30MM HEDP	
1310B47T	40MM TP F/MK 19	
1310T003	40MM LKD HEI-T XM811	
1310T004	40MM LKD AP XM812	
1310T006	40MM LKD TP XM813	
1310T007	60MM ILLUM LWCMS XM721	
1310T008	60MM SMK WPLWOMS XM722	
1310T049	60MM PRACTICE XM816	
1310T840	60MM MORTAR 1/10 SCALE TRAIN	
1315T060	81MM HE W/FUZE IMPROVED	
1320T009	155MM CHG PROP, GB	
1340T026	ROCKET GIANT VIPER LN CHG	
1345T005	MINE DISP SS ACFT TNG M133	
1345T012	ROCKET SURFACE LAUNCHED MINE	
1345T040	MINE MOD PACK MINE SYS	
1345T043	MINE PRAC MODULE MPOMS	
1370T010	ANTITANK WESS	
1370T207	SIG ILLUM GRND AUDIBLE	
1390T001	FUZE ETSQ	
1390T002	FUZE ELECTRONIC TIME	
1390T021	FUZE ELECTRONIC TIME FUZE SETTER	
4W73	GUIDED MISSILE, TOW, BGM-71A-1A , TACT, AIR TO SURF, W/RANGE INCREASE OF APPROX 750 YDS, MODIFIED	
A001	CARTRIDGE, 12 GAGE SHOTGUN , SKEET LOAD PLASTIC CASE, 2 3/4 DRAM PWDR EQUIV 1 1/8 OZ OF	

	NUMBER 9 SHOT 70 PERCENT/30 INCH CIRCLE AT
A002	CARTRIDGE, 12 GAGE SHOTGUN , TRAP/SKEET PLASTIC CASE, 3 DRAM EQUIV 1 1/8 OZ OF NUMBER 7 1/2 SHOT 70 PERCENT/30 INCH CIRCLE AT 25
A003	CARTRIDGE, 12 GAGE SHOTGUN , TRAP/SKEET PLASTIC CASE, 3 DRAM EQUIV 1 1/8 OZ OF NUMBER 8 SHOT 70 PERCENT/30 INCH CIRCLE AT 25 YDS
A004	CARTRIDGE, 12 GAGE SHOTGUN , TRAP/SKEET PLASTIC CASE, 3 DRAM POWDER EQUIV, 1 1/8 OZ OF NUMBER 8 1/2 SHOT 70 PERCENT, 30 INCH
A005	CARTRIDGE, 12 GAGE SHOTGUN , SKEET LOAD PLASTIC CASE, 3 DRAM POWDER EQUIV 1 1/8 OZ OF NUMBER 9 SHOT, 70 PERCENT/30 INCH CIRCLE AT
A006	CARTRIDGE, 12 GAGE SHOTGUN TRAP LOAD PLASTIC CASE, 3 1/4 DRAM POWDER EQUIV 1 1/8 OZ OF NUMBER 8 SHOT 80 PERCENT/30 INCH CIRCLE AT
A007	CARTRIDGE, 12 GAGE SHOTGUN TRAP LOAD PLASTIC CASE, 3 1/4 DRAM POWDER EQUIV 1 1/4 OZ OF NUMBER 8 SHOT, 80 PERCENT/30 INCH CIRCLE AT
A010	CTG 10 GAGE BLANK
A011	CARTRIDGE, 12 GAGE SHOTGUN 00 BUCKSHOT W/PAPER CASE
A014	CARTRIDGE, 12 GAUGE SHOTGUN, PLSTIC CASE, 3 DRAMS POWDER EQUIV, 1-1/8 OZ NO. 7, 1/2 SHOT, TRAP AND SKEET LOADED
A015	CARTRIDGE, 12 GAGE SHOTGUN , NO. 8 CHILLED SHOT W/PLASTIC CASE
A017	CARTRIDGE, 12 GAUGE SHOTGUN , PLASTIC CASE, M162, LDD W/9 PELLETS NO.00 BUCKSHOT, 3 3/4 DRAMS PWDR.EQUIVALENT
A019	CARTRIDGE, 12 GAGE SHOTGUN FLECHETTE LDD W/PLASTIC CASE
A020	CARTRIDGE, 12 GAGE SHOTGUN NO. 48 SPECIAL BUCKSHOT XM257 PLASTIC CASE, 27 PELLETS PKG 25/ CTN, 1 CTN/WTRPRF ENV 7 ENV/MTL BX M2A1
A023	CARTRIDGE, 12 GAUGE SHOTGUN , PLASTIC CASE, 1 OZ. SLUG LDD, 3 3/4 DRAMS POWDER EQUIVALENT
A024	CARTRIDGE, 12 GAUGE SHOTGUN , LOCKBUSTER

A055	CTG .410 GAGE
A058	CTG 5.56MM BALL M855 (CTN PK)
A059	CARTRIDGE, 5.56 MM , CLIPPED BALL, M855, MACHINE GUN M16A2
A060	DUMMY CTG 5.56MM M199 SERIES
A062	CARTRIDGE, 5.56 MM, BALL M855 LINKED W/M27 LINKS F/SAWS, 200 CTGS/BELT
A063	CARTRIDGE, 5.56 MM , M856 TRACER
A064	CARTRIDGE, 5.56 MM , LINKED, W/M27 LINKS, 4-BALL M855 TO 1-TRACER W/M856
A065	CTG 5.56MM SHORT RANGE
A066	CARTRIDGE, 5.56 MM BALL, M193
A068	CARTRIDGE, 5.56 MM TRACER, M196, F/M16A1 RIFLE
A070	CTG 5.56MM HPT
A071	CARTRIDGE, 5.56 MM BALL, M193
A072	CTG 5.56MM TRACER M196
A073	CARTRIDGE, 5.56 MM LINKED, 4 BALL, M193 AND 1 TR, M196
A075	CARTRIDGE, 5.56 MM , BLANK M200, LINKED W/M27 LINKS
A076	CTG 5.56MM DUMMY M232
A080	CARTRIDGE, 5.56 MM BLANK, XM200
A084	CARTRIDGE, CAL .22 SHORT LEAD BALL, WESTERN SUPER MATCH OR EQUAL
A085	CARTRIDGE, CAL .22 BLANK SHORT, F/USE AS SPOTTING CHARGE W/MORTAR TRAINER M32A1
A086	CARTRIDGE, CAL .22 BALL, LONG RIFLE
A088	CARTRIDGE, CAL .22 HORNET BALL, SOFT POINT
A090	CARTRIDGE, CAL .22 TRACER, M861, RIM FIRE, LONG RIFLE (USED WITH BREWSTER DEVICE AND M16A1 RIFLE
A091	CARTRIDGE, CAL .22 MATCH BALL, LONG RIFLE, MATCH GRADE F/RIFLE
A093	CARTRIDGE, CAL .22 BALL, LONG RIFLE, F/PISTOL OR REVOLVER USE. WESTERN SUPER MATCH MK II OR

	EQUAL
A095	CARTRIDGE, CAL .22 SH MATCH PISTOL MATCH F/25 METER INTERNATIONAL RAPID FIRE .600 INCH AT 25 METERS 29 GRAIN LUBRICATED LEAD BALL
A096	CARTRIDGE, CAL .22 LR MATCH STANDARD MATCH VELOCITY 1125 MAXIMUM 40 GRAIN LUBRICATED LEAD, BALL F/SMALL BORE MATCH RIFLE
A097	CARTRIDGE, CAL .22 LR MATCH GRADE-REDUCED VELOCITY, BELOW THE SPEED OFSOUND AT MUZZLE .400 INCH AT 50 METERS 40 GRAIN LUBRICATED
A098	CARTRIDGE, CAL .22 LR MATCH PISTOL MATCH MINIMUM 1060 FPS MAXIMUM 1090FPS AT MUZZLE 40 GRAIN LUBRICATED LEAD BALL, F/CAL .22
A100	CTG 7.62MM BALL AK47
A102	CARTRIDGE, 7.62 MM BALL INTERMEDIATE DESIGNED F/AK47
A106	CARTRIDGE, CAL .22 BALL, LONG RIFLE
A107	CAL.22 LONG RIFLE HIGH VELOCITY
A110	CARTRIDGE, 7.62 MM BLANK M82
A111	CARTRIDGE, 7.62 MM BLANK M82/XM82, LINKED, GRADE MG
A112	CARTRIDGE, 7.62 MM BLANK NATO M82
A122	CARTRIDGE, 7.62 MM NATO, BALL M59 OR M80 GRADE R AND MG
A124	CARTRIDGE, 7.62 MM NATO, TRACER M62
A127	CARTRIDGE, 7.62 MM NATO, LINKED 4 BALL M80, 1 TR M62 F/MG M60
A128	CTG 7.62MM BALL M80
A129	CARTRIDGE, 7.62 MM TEST HI-PRESSURE M60
A130	CARTRIDGE, 7.62 MM BALL, M80
A131	CTG 7.62MM 4 BALL/1 TRACER
A135	CTG 7.62MM DUMMY M6
A136	CARTRIDGE, 7.62 MM MATCH NATO, M118
A137	CARTRIDGE, 7.62 MM TRACER, LINKED, M62, F/M60 MG

A140	CARTRIDGE, 7.62 MM NATO, TRACER M62
A143	CARTRIDGE, 7.62 MM NATO, LINKED BALL M80 F/MG M60, M73
A146	CARTRIDGE, 7.62 MM TRACER, LINKED, M62, F/M60/M219 MGS
A149	CARTRIDGE, 7.62 MM NATO, BALL M80 F/RIFLE M14,
A151	CARTRIDGE, 7.62 MM LINKED, 4-BALL M80,1 TRACER M62, F/MG M60 (AMMO FOR OVERHEAD FIRE)
A152	CTG 7.62MM BALL M80
A159	CTG 7.62MM DUMMY M172
A162	CTG 7.62MM DUMMY M172
A163	CTG 7.62MM DIM TRACE XM276
A165	CARTRIDGE, 7.62 MM LINKED 4 BALL M80, 1 TR M62 F/MG MINNI GAU 2B/A
A168	CARTRIDGE, 7.62 MM LINKED, BALL M80, TRACER M62 F/MG MINNI M134,
A169	CARTRIDGE, 7.62 MM , MATCH SHORT RANGE LOAD 2560-2700 FPS, BALLISTICCOEFFICIENT .470-.560 168-185 GRAIN HOLLOW POINT BOAT TAIL 1.8
A170	CARTRIDGE, 7.62 MM MATCH LONG RANGE LOAD, 2540-2650 FPS BALLISTIC COEFFICIENT .530-.570, 180-190 GRAIN HOLLOW POINT BOAT TAIL USED
A171	CARTRIDGE, 7.62 MM MATCH M852
A172	7.62MM VIPER-TRACER BLT TRNR
A181	CTG .30 CAL BALL M1 (CTN PK)
A182	CTG .30 CAL BALL M1 (CLIP)
A201	CARTRIDGE, CAL .30 AP, M2 GRADE R
A202	CARTRIDGE, CAL .30 AP, M2 GRADE MG
A205	CARTRIDGE, CAL .30 AP, M2 GRADE R
A209	CARTRIDGE, CAL .30 LINKED/BELTED 4 AP M2, 1 TR M25 GRADE MG
A211	CARTRIDGE, CAL .30 BALL, M2 GRADE MG
A212	CTG .30 CAL BALL M2 (CTN PK)
A214	CARTRIDGE, CAL .30 BALL, M2 GRADE R

A216	CARTRIDGE, CAL .30 BALL, M2 GRADE R
A217	CARTRIDGE, CAL .30 LINKED, BALL, M2 GRADE MG
A218	CTG .30 CAL BALL/TRACER
A222	CARTRIDGE, CAL .30 BLANK M1909
A223	CARTRIDGE, CAL .30 BLANK M1909
A224	CARTRIDGE, CAL .30 BLANK M1909
A225	CARTRIDGE, CAL .30 , BLANK M1909, LINKED
A230	CARTRIDGE, CAL .30 TRACER, M25
A231	CARTRIDGE, CAL .30 TRACER M1 GRADE MG
A234	CARTRIDGE, CAL .30 TRACER M1 GRADE R
A237	CARTRIDGE, CAL .30 TEST, HIGH PRESSURE, M1
A242	CTG .30 CAL BLANK M3
A246	CARTRIDGE, CAL .30 MATCH M72/T291
A247	CARTRIDGE, CAL .30 MATCH M72/T291
A260	CARTRIDGE, 9MM CAL, SUBSONIC, 147 GRAIN JACKETED HOLLOW POINT
A302	.30 8-RD CLIP
A349	CTG CAL .32 BALL F/REVOLVER
A350	CTG CAL .32 BALL COLT AUTOMATIC PISTOL 71 OR 74 GRAIN BULLET
A358	CARTRIDGE, 9 MM , TRACER, PRACTICE, M939, F/AT4
A360	CARTRIDGE, 9 MM BALL, 155 GRAIN BULLET, PARABELLUM
A362	CARTRIDGE, 9 MM , MK 144 MOD 0, 158 GRAIN BULLET, COMPONENT OF MK 26MOD 0 SWS ACCESSORY KIT
A363	CARTRIDGE, 9 MM , BALL. M882
A364	CTG 9MM HPT M905
A365	CARTRIDGE, 14.5 MM PRAC M181, 3-SEC DELAY, F/M31 TRAINER
A366	CARTRIDGE, 14.5 MM PRAC M182, 6-SEC DELAY, F/M31 TRAINER
A367	CTG 14.5MM M183 W/ FUZE PD

A400	CARTRIDGE, CALIBER .38 SPECIAL BALL M41, 130 GRAIN BULLET
A401	CARTRIDGE, CALIBER .38 SPECIAL BALL, LEAD, 158 GRAIN BULLET
A402	CARTRIDGE, CALIBER .38 SPECIAL BALL, STEEL JACKET COPPER PLATED, 158 GRAIN BULLET
A403	CARTRIDGE, CALIBER .38 SPECIAL BLANK
A404	CARTRIDGE, CALIBER .38 SPECIAL MATCH BALL, REVOLVER, MIDRANGE 146 OR 148 GRAIN, LEAD CLEAN CUTTING BULLET, WESTERN SUPER MATCH OR
A406	CARTRIDGE, CALIBER .38 SPECIAL BALL, STEEL JACKETED W/TRACER
A407	CARTRIDGE, CALIBER .38 SPECIAL MATCH, MIDRANGE WADCUTTER LEAD ALLOY 1.8 INCH AT 50 YARDS, F/.38 SMITH AND WESSON MODEL 52 AUTOLOAD
A408	CTG CAL .38 BALL COLT 125
A412	CARTRIDGE, CALIBER .38 SPECIAL BALL 110 GRAIN, SEMI-JACKETED MUZZLE VELOCITY 1200 E.P.S. LAW ENFORCEMENT L.E. P OR EQUIV. FOR
A415	CARTRIDGE, CALIBER .38 BALL, 95 GRAIN BULLET, 9 MM SHORT PKG COMMERCIALLY
A470	CARTRIDGE, CALIBER .45 ACP MATCH 185 GRAIN, METAL CASE WADCUTTER ACP-MATCH PISTOL, W/HEAVY SLIDE ACC 1.9 INCH AT 50 YARDS F/PISTOL
A471	CARTRIDGE, CALIBER .45 ACP MATCH 230 GRAIN, METAL CASE BALL, 2.5 INCH AT 50 YARDS F/CAL .45 ACP MATCH GRADE A AND B, COMMERCIAL
A475	CARTRIDGE, CALIBER .45 BALL, M1911
A476	CARTRIDGE, CALIBER .45 BLANK M9
A479	CARTRIDGE, CALIBER .45 TRACER M26
A480	CTG .45 CAL HPT M1
A482	CARTRIDGE, CALIBER .45 MATCH BALL, AUTOMATIC 185 GRAIN WADCUTTER MATCH GRADE,
A483	CARTRIDGE, CALIBER .45 MATCH, BALL M1911 MATCH GRADE, BRASS CASE

A501	CTG .45 CAL DUMMY M1921
A516	CARTRIDGE, .50 CAL LINKED, SLAP-T XM962, 100 ROUND BELT
A517	CARTRIDGE, .50 CAL LINKED, 1 SLAP XM903, 1 SLAP-T XM962, 100 ROUND BELT
A518	CARTRIDGE, .50 CAL LINKED, 4 SLAP XM903, 1 SLAP-T XM962, 100 ROUND BELT
A520	CTG .50 CAL LKD BALL/TRACER
A523	CARTRIDGE, .50 CAL , LINKED FOR TRACER M17 WITH DETERIORATED TRACER ELEMENT AND API-T M20
A525	CARTRIDGE, .50 CAL AP M2, GRADE AC,
A526	CTG .50 CAL AP M2
A527	CTG .50 CAL AP M2
A528	CTG .50 CAL AP M2
A531	CARTRIDGE, .50 CAL , API M8 GRADE AC
A532	CTG .50 CAL API M8
A539	CTG .50 CAL API/TRACER
A540	CARTRIDGE, .50 CAL LINKED 4 API M8, 1 TR M1, GRADE MG
A541	CARTRIDGE, .50 CAL API-T M20, GRADE AC
A542	CTG .50 CAL API-T M20
A543	CARTRIDGE .50 CAL API-T M20 LINKED
A544	CTG .50 CAL API-T M20
A545	CTG .50 CAL API M8
A546	CTG .50 CAL BALL M33
A549	CARTRIDGE, .50 CAL LINKED 2 AP M2, 2 INC M1, 1 TR M1 GRADE AC
A551	CARTRIDGE, .50 CAL LINKED 2 API M8, 2 INC M1, 1 API-T M20 GRADE AC
A552	CARTRIDGE, .50 CAL BALL M2, GRADE AC
A553	CARTRIDGE, .50 CAL BALL M2, GRADE MG
A554	CARTRIDGE, .50 CAL , LINKED BALL M2, GRADE AC
A555	CARTRIDGE, .50 CAL LINKED BALL M33, GRADE MG, LINK M2 OR M9

A557	CARTRIDGE, .50 CAL LINKED 4 BALL M2, 1 TR M17
A558	CARTRIDGE, .50 CAL BLANK M1
A559	CARTRIDGE, .50 CAL BLANK M1, LINKED 38/BELT AND 37 BELT
A560	CTG .50 CAL DUMMY M2
A562	CARTRIDGE, .50 CAL INC M1, GRADE AC
A570	CARTRIDGE, .50 CAL TRACER M1, GRADE AC
A571	CARTRIDGE, .50 CAL TRACER M1, GRADE MG
A572	CTG .50 CAL TRACER M17
A573	CTG .50 CAL TRACER M17
A574	CARTRIDGE, .50 CAL SPOTTER-TRACER, M48/T189E1 FA PD NUMBER SP-37
A575	CTG .50 CAL HPT M1
A576	CARTRIDGE, .50 CAL LINKED 4 API M8, 1 API-T M20 GRADE AC
A577	CARTRIDGE, .50 CAL LINKED 4 API M8, 1 API-T M20, GRADE MG
A579	CARTRIDGE, .50 CAL PRACTICE, T249E2
A584	CTG .50 CAL BALL M33
A585	CARTRIDGE .50 CAL , API-T, M20 LINKED W/M9 LINKS
A586	CTG .50 CAL TRACER M17
A587	CTG .50 CAL API/API-T
A589	CARTRIDGE, .50 CAL LINKED, M15A2 LINKS, 4-API M8 TO 1-API-T M20
A590	CARTRIDGE, .50 CAL , LINKED 4-API-I M8 TO 1-TR M17
A592	CTG .50 CAL API/TRACER
A593	CTG CAL .50 4 API AND 1 TR LINKED W/ M15A2 LINKS F/MG M85
A598	CARTRIDGE, .50 CAL BLANK, M2A1, LINKED W/M29
A599	CARTRIDGE, 50 MM BLANK, LINKED W/M15A2 LINKS
A601	CTG .50 CAL BALL M33
A602	CARTRIDGE, 50 CAL SHORT RANGE, LINKED W/M9 CLIP, 4 BALL M858, 1 TRACER M860, ON 100 ROUND BELT

A605	CARTRIDGE, .50 CAL BALL M33, LINKED W/M154A2 LINKS
A606	CARTRIDGE, .50 CAL , MK 211-0, API, SINGLE ROUNDS F/SNIPER RIFLE
A607	CARTRIDGE, .50 CAL , LINKED, 4 API MK 211, 1 API-T M20
A608	CARTRIDGE, .50 CAL , LINKED, 4 API MK 211, 1 TRACER M17
A610	CARTRIDGE, .50 CAL M33 BALL, GRADE A
A621	CTG .50 CAL BALL/TRACER
A640	LINK CTG .50 CAL M2
A641	LINK CTG .50 CAL M9
A647	LINK CTG .50 CAL M15A2
A651	CARTRIDGE, 20 MM TP-T ELECTRIC, M220 F/GUN M39, M61
A652	TRNG SUB F/A896
A653	CTG 20MM HEI/TP-T
A658	CARTRIDGE, 20 MM LINKED 7 HEI, M56A2, 1 HEI-T, XM242, F/GUN M61, M197
A659	CARTRIDGE, 20 MM HEI-T, M242 W/FUZE PD-M505A3 F/GUN M39, M61 AND M197 SERIES
A661	CARTRIDGE, 20 MM , LINKED, TP M55 W/MK 7-1 LINK F/GUN M61
A662	CARTRIDGE, 20 MM , LINKED, HEI, M56A3, W/MK 7-0 LINK F/GUN M61
A663	CARTRIDGE, 20 MM LINKED, 9 HEI M56A3,1 HEI-T M242, FOR GUN M61 AND M197, LINKED W/MK 7 SERIES LINK
A664	CARTRIDGE, 20 MM LINKED, 9 TP M55A2, 1-TP-T M220, FOR GUN M61, LINKED W/MK 7 SERIES LINK
A665	CARTRIDGE, 20 MM LINKED, 4 HEI-M56A3, 1 HEI-T-M242 F/GUN M61 AND M197
A672	CARTRIDGE, 20 MM LINKED, 4TP M204, 1 APT M95/M95A1, W/M8E1 LINKS OR M10 SERIES LINKS, LEFT HAND FEED, F/MK 16 GUN
A675	CARTRIDGE, 20 MM LINKED, DS, MK 159-1, W/MK 7-1 LINK, W/PROJ MK 68-1, PRIMER ELECTRIC M52A3B1,

	F/MK 15 WPN SYS
A676	CARTRIDGE, 20 MM LINKED, DS (ORANGE), MK 149-2 W/MK 7-1 LINK, W/PROJ MK 68-2, PRIMER ELECTRIC M52A3B1, F/MK 15 WEAPON SYSTEM
A677	CARTRIDGE, 20 MM SPHEI, PGU-28/B SINGLE ROUND, F/FA-18
A678	CARTRIDGE, 20 MM TP, PGU-27/B, SINGLE ROUND F/FA-18
A679	CARTRIDGE, 20 MM TP-T, PGU-30/B, F/FA-18
A682	CTG 22MM SUBCAL M746 CHG-3
A686	CTG 22MM PRACTICE CHG-3
A687	CTG 22MM PRACTICE CHG-4
A692	CARTRIDGE, 20 MM , LINKED DS, MK 149-4, W/MK 7-1 LINK W/PROJ MK 68-4(TUGSTEN PENETRATOR) PRIMER ELECTRIC MS2A381 F/MK 15 WPN SYS
A741	CARTRIDGE, 20 MM BL-T LOT PREFIX 2F, W/CASE MK 4 PERC PRIMER, PROJ MK 7 INERT LDD F/AA GUN
A747	CARTRIDGE, 20 MM LINKED 1 APT, M95, 4 HEI, M97 W/M8 OR M10 SERIES LINK F/MK 16 GUN
A748	CARTRIDGE, 20 MM LINKED 3 HEI M97, 1 INC M96 W/M8 OR M10 SERIES LINK F/MK 16 GUN
A761	CARTRIDGE, 20 MM , LINKED, 4 PGU-28/B SAPHEI, 1 PGU-30/B TP-T W/M14A2N (RADHAZ TAB) LINK, F/GUN M197 SERIES
A762	CARTRIDGE, 20 MM , LINKED, 4 PGU-28/B SAPHEI, 1 PGU-30/B TP-T W/M14A2 LINK, F/GUN M197 SERIES
A763	CARTRIDGE, 20 MM LINKED, MK 149-5 W/ MK 7-1 LINK W/PROJECTILE MK 68-5, PRIMER, ELECTRIC M52A3B1 F/MK 15 WPN SYS
A764	CARTRIDGE, 20 MM , W/M14 SERIES LINK, F/SAPHEI, PGU-28/B, LINKED M197 GUN SERIES
A765	CARTRDIGE, 20 MM API, M95 W/PERCUSSION PRIMER FOR GUN M3
A767	CARTRIDGE, 20 MM LINKED, 9 HEI, 1 API, W/MK 2 MOD 2 LINK, W/O RAD. HAZ SHIELD, ELECTRIC F/A/C GUN MK 12
A775	CARTRIDGE, 20 MM HEI, M97, W/PERCUSSION PRIMER

	W/FUZE, PD, M75, F/GUN M3
A776	CARTRIDGE, 20 MM INC, M96 W/PERCUSSIOM PRIMER F/GUNS M3, MK 16
A777	CARTRIDGE, 20 MM TP, M99 W/PERCUSSION PRIMER F/GUN M3, MK 16 MOD 0
A778	CARTRIDGE, 20 MM APT, LOT PREFIX 2E, W/CASE MK 4 PERCUSSION PRIMER,PROJ MK 9 FOR AA GUN
A781	CTG 20MM DUMMY M51A2 LKD
A785	CARTRIDGE, 20 MM HEI, M210, PERCUSSION PRMR, SINGLE RD F/GUN M2 AND M3
A789	CTG 20MM 3HEI-T XM599
A793	CARTRIDGE, 20 MM LINKED, SHEI, 4API, 1APT, W/MK 6 SERIES LINK, F/A/C GUN MK 11, ELECTRIC
A794	CARTRIDGE, 20 MM LINKED, 5 HEI, 4 API, 1 APT, W/MK 2 SERIES LINK, W/RAD.HAZ SHIELD, ELECTRIC F/A/C GUN MK 12
A795	CARTRIDGE, 20 MM LINKED, 5 HEI, 4 API, 1 APT, W/MK 2 SERIES LINK, W/O RAD.HAZ SHIELD, ELECTRIC F/A/C GUN MK 12
A797	CARTRIDGE, 20 MM LINKED, 9API, W/MK 6 SERIES LINK, F/A/C GUN MK 11 ELECTRIC
A806	CARTRIDGE, 20 MM ELECTRIC, API MK 107 MOD 0 W/STL CASE MK 5 MOD 0 PRIMER, M52A3B1, OR MK 47 MOD 0 PROJ, MK 13 MOD 0, F/MK 11 OR MK
A811	CARTRIDGE, 20 MM ELECTRIC, TP MK 105 MOD 0 W/STL CASE MK 5 MOD 0 PRIMER M52A3B1, OR MK 47 MOD 0, PROJ MK 11 MOD 0 F/MK 11 OR MK 12
A834	CARTRIDGE, 20 MM LINKED, 2 AP-T, M95-2 HEI, M210, 1 INC M96, L/H FEED F/GUNS M2 AND M3
A855	CARTRIDGE, 20 MM LINKED, 1-APT, M95, 4-INC, M96 W/M8 OR M10 LINK F/MK 16 GUN
A862	CARTRIDGE, 20 MM LINKED, 4 HEI M210, 1 APT M95, LINKED W/M10 LINK, F/GUN MK 16 MOD 0
A872	CARTRIDGE, 20 MM ELECTRIC AP1, MK 107 MOD 1 W/STL CASE MK 5 MOD 0 PRIMER M52A3B1, PROJ MK 13 MOD 0 F/MK 11 OR MK 12 GUN
A873	CARTRIDGE, 20 MM ELECTRIC, APT MK 108 MOD 1, W/STL CASE MK 5 MOD 0,PRIMER M52A3B1, PROJ MK

	14 MOD 0, TRACER MK 20 MOD 0 FOR MK 11
A874	CARTRIDGE, 20 MM ELECTRIC, TP MK 105 MOD 1 W/STL CASE MK 5 MOD 0, PRIMER M52A3B1, PROJ MK 11 MOD 1 F/MK 11 OR MK 12 GUN
A876	CARTRIDGE, 20 MM ELECTRIC, TP MK 105 MOD 0 W/STL CASE MK 5 MOD 0 PRIMER M52A3B1, PROJ MK 11 MOD 0, 1 METHYL CENTRALITE PROPELLANT
A889	CARTRIDGE, 20 MM LINKED, TP, M55A2
A890	CARTRIDGE, 20 MM HEI, M56A3, W/PD FUZE M505A3
A891	CARTRIDGE, 20 MM TP, M55A2 SINGLE
A892	CARTRIDGE, 20 MM HPT, M54A1, ELECT F/GUN M39A1, M39A2 OR M61/T171,
A896	CARTRIDGE, 20 MM LINKED, 4-TP, M55A2, 1 TP-T M22OE1 F/GUN M61 AND M197, LINKED W/M14A2 LINK
A919	CARTRIDGE, 20 MM LINKED, HEI, M56A3, M56E3
A926	CARTRIDGE, 20 MM LINKED, TP, M55A2
A940	CTG 25MM TPDS-T M910
A965	CTG 25.4MM DECOY M839
A966	CTG 25MM DUMMY M794 (CTN PK)
A967	CTG 25MM DUMMY M794 LINKED
A974	CTG 25MM APDS-T M791
A975	CARTRIDGE, 25 MILLIMETER , HEI-T, M792, W/M758 PDSD FZ, LINKED W/M28 LINKS (FOR USE IN M242 MG)
A976	CARTRIDGE, 25MM, TP-T, M793, LINKED, W/M28 LINKS, 15 RDS/BELT
A977	CTG 25MM HPT M846
A986	CTG 25MM APFSDS-T M919
AA02	CTG 5.56MM LK 4 AP M995/1 TRACER M856
AA04	CTG 7.62MM M933 AP/M62 TRACER
AA11	CTG 7.62MM SPEC BALL
AA12	Paintball.
AA33	CTG 5.56MM BALL (COM PK)
AA38	SLAP-T.
AA44	CTG 5.56MM BALL M855 LK (LEADFREE)

AA45	CTG 5.56MM BALL M855 (CLIP) (LEADFREE)
AA48	CTG 5.56MM BALL M855 (COMM PK) (LEADFREE)
AA49	9MM Ball Comm Pack.
AA54	Shotgun Breaching.
AA62	.50CAL PAN UV MK274.
AA63	.50CAL PAN AVON MK275.
AA64	.50CAL PAN LV BLNK MK276.
AA66	.50CAL PAN CBPB MK278.
B060	LINK 7.62MM M13
B083	LINK 20MM M14
B095	LINK M16A2 F/ 40MM
B113	CARTRIDGE, 30 MILLIMETER , TP F/AV8A HARRIER A/C LINKED F/LH FEED
B115	CARTRIDGE, 30 MILLIMETER , TP F/AV8A HARRIER A/C LINKED F/RH FEED
B118	CTG 30MM TP M788 (BULK AMMO STRIP)
B119	CARTRIDGE, 30 MILLIMETER , TP, XM788 LINKED F/LH FEED W/M29 LINK USED WITH XM230 GUN
B120	CARTRIDGE, 30 MILLIMETER , TP, XM788 LINKED F/RH FEED W/M29 LINK, USED WITH XM230 GUN PLD
B124	CARTRIDGE, 30 MILLIMETER , HEI, M799 LINKED F/LH FEED W/M29 LINK USED WITH M230 GUN
B125	CARTRIDGE, 30 MILLIMETER , HEI, M799 LINKED F/RH FEED W/M29 LINK, USED WITH M230 GUN
B129	CTG 30MM HEDP M789 (BULK AMMO STRIP)
B130	CTG 30MM HEDP M789 RH LINK
B133	CTG 30MM DUMMY M848 (BULK AMMO STRIP)
B134	CTG 30MM DUMMY M848 LKD
B135	CTG 30MM HPT M883
B470	CARTRIDGE, 40 MILLIMETER HE ANTI PERS, M384/XM384E3 W/FUZE, PD M533, LINKEDW/M16A1 LINK, LINKED 50 RD F/GRENADE LAU M75, XM129 AND
B472	CTG 40MM DUMMY M922 / M922A1

B475	CARTRIDGE, 40 MILLIMETER YELLOW SMOKE, CANOPY, XM676
B476	CARTRIDGE, 40 MILLIMETER GREEN SMOKE, CANOPY, XM679
B477	CARTRIDGE, 40 MILLIMETER WHITE SMOKE, CANOPY, XM680
B479	CARTRIDGE, 40 MILLIMETER RED SMOKE, CANOPY, XM682,
B480	CARTRIDGE, 40 MILLIMETER PRACTICE, M385, LINKED 50 RD F/GRENADE LAUNCHER XM129, W/M16A1 CARTRIDGE LINK
B504	CARTRIDGE, 40 MILLIMETER GREEN STAR PARACHUTE, F/LAUNCHER M79/M203
B505	CARTRIDGE, 40 MILLIMETER RED STAR, PARACHUTE, M662 F/GRENADE LAUNCHER M79 AND M203
B506	CARTRIDGE, 40 MILLIMETER RED SMOKE GROUND MARKER M713, W/M733 IMPACT FZ, F/LAUNCHER M79 AND M203
B508	CARTRIDGE, 40 MILLIMETER GREEN SMOKE GROUND MARKER M715, W/M733 IMPACT FZ, F/LAUNCHER M79 AND M203
B509	CARTRIDGE, 40 MILLIMETER YELLOW SMOKE GROUND MARKER M716, W/M733 IMPACT FZ, F/LAUNCHER M79 AND M203
B519	CARTRIDGE, 40 MILLIMETER PRACTICE, XM781, W/O FZ, F/GRENADE LAUNCHERS M79 AND M203
B534	CTG 40MM MP M576
B535	CARTRIDGE, 40 MILLIMETER WHITE STAR, PARACHUTE, XM583, XM583E1, F/GRENADE LAUNCHER M79
B536	CARTRIDGE, 40 MILLIMETER , WHITE STAR, CLUSTER XM585, XM585E1, F/GRENADE LAUNCHER M79
B537	CARTRIDGE, 40 MILLIMETER RIOT CONTROL CS, M674, XM674, W/FZ PIDT, F/LNCHR M79 ONLY
B538	CARTRIDGE, 40 MILLIMETER RED SMOKE, M675, XM675, W/FZ PIDT F/LAUNCHER M79 ONLY, PKG 4-RD/BANDOLEER, 2-BAND 8 RD/M19A1 MTL BX, 4-BX
B542	CARTRIDGE, 40 MILLIMETER HE-DP, M430, LINKED

	W/M16A2 LINKS F/MACHINEDUN MK 19-3
B545	CARTRIDGE, 40 MILLIMETER BLANK SALUTING, W/350 GRAM CHG, BRASS CASE MK 2 MODS, M25 OR STEEL CASE MK 3-0, W/PRIMER MK 22-1, F/ALL
B546	CARTRIDGE, 40 MILLIMETER HE-DP, M433, XM433E1, W/FZ PIBD M550 XM550E1, F/GRENADE LAUNCHER M79, M203
B550	CARTRIDGE, 40 MILLIMETER BLANK SALUTING, W/50 GRAM CHG, STEEL CASE, MK 3-0 W/PRIMER MK 22-1 F/GUN 40 MM SALUTING MK 11
B551	CARTRIDGE, 40 MILLIMETER AP, LOT PREFIX UC, PROJ M81A1, BRASS OR STEEL CASE, PERC PRIMER F/ALL 40 MM AA GUNS
B552	CARTRIDGE, 40 MILLIMETER AP-T, LOT PREFIX UD, PROJ M81A1 BRASS OR STEEL CASE, PERC PRIMER MK 11 TRACER, F/ALL 40 MM AA GUNS
B556	CARTRIDGE, 40 MILLIMETER HEI-P-NP, LOT PREFIX UO, PROJ MK 2 BRASS OR STEEL CASE, PERC PRIMER F/ALL 40 MM AA GUNS
B557	CARTRIDGE, 40 MILLIMETER , HEI-SD, LOT PREFIX UK, F/40 MM AA GUN
B558	CARTRIDGE, 40 MILLIMETER , HEIT-NDS, LOT PREFIX UL, PROJ MK 2 BRASS OR STEEL CASE, PERC PRIMER W/PD FZ MK 27 MODS, MK 11 TRACER
B559	CARTRIDGE, 40 MILLIMETER HEIT-SD, LOT PREFIX UG, PROJ MK 2 BRASS OR STEEL CASE, PERC PRIMER W/PD FZ MK 27 MODS MK 11 TRACER, F/ALL
B560	CARTRIDGE, 40 MILLIMETER HEIT-DI-SD, LOT PREFIX UM, PROJ MK 2 BRASS OR STEEL CASE, PERC PRIMER W/PD FZ MK 27 MODS MK 11 TRACER,
B561	CARTRIDGE, 40 MILLIMETER HE-P-NP, LOT PREFIX UN, PROJ MK 2 BRASS OR STEEL CASE, PERC PRIMER W/INERT NOSE FZ, F/ALL 40 MM AA
B562	CARTRIDGE, 40 MILLIMETER HET-SD, LOT PREFIX UB, PROJ MK 2 BRASS OR STEEL CASE, PERC PRIMER W/PD FZ MK 27 MODS, F/ALL 40 MM AA
B563	CARTRIDGE, 40 MILLIMETER BL-P, LOT PREFIX UF, PROJ MK 2 MODS, BRASS OR STEEL CASE, PERC PRIMER F/ALL 40 MM AA GUNS

B564	CARTRIDGE, 40 MILLIMETER BL-T, LOT PREFIX UE, PROJ MK 2 MODS BRASS OR STEEL CASE, PERC PRIMER MK 11 TRACER, F/ALL 40 MM AA GUNS
B567	CARTRIDGE, 40 MILLIMETER TACT, CS, M651/XM651E1, W/FZ PIDT M581/XM581E1, F/LAUNCHER M79/M203
B568	CARTRIDGE, 40 MILLIMETER HE, M406/XM406 W/FZ PD M551/T3T9E1 SERIES F/USE W/GRENADE LAUNCHER M79, M203
B569	CARTRIDGE, 40 MILLIMETER HE, 397, XM397E2, W/FZ PD M536, XM536, F/USE W/GRENADE LAUNCHER M79, M203
B570	CARTRIDGE, 40 MILLIMETER HE, M406, LINKED 24 CARTRIDGE W/MK 8-0 LINK, F/MK 20-0 GUN, GRENADE
B571	CARTRIDGE, 40 MILLIMETER HE, M383, W/FZ PD M533, LINKED W/M16A2 LINK, F/GRENADE LAUNCHER M75
B572	CARTRIDGE, 40 MILLIMETER HE ANTIPERS, M384/XM384E3 W/FZ PD M533, LINKED W/ONE AND TWO PC M16 LINK, LINKED 50 RD F/GRENADE LAU M75,
B574	CTG 40MM HE M386
B576	CARTRIDGE, 40 MILLIMETER PRACTICE, M385/XM385E3 LINKED 50 RD F/GRENADE LAU M75 AND MK 19-1
B577	CARTRIDGE, 40 MILLIMETER PRAC, M407A1/M407E3, W/FZ, PD M551, T359E1 SERIES F/USE W/GRENADE LAUNCHER, M79, M203
B584	CARTRIDGE, 40 MILLIMETER , TARGET PRACTICE, M918, LINKED W/M16A2 LINKS
B586	CARTRIDGE, 57 MILLIMETER HE, M306A1, W/FUZE, PD M503 OR M503A1 F/RIFLES M18 OR M18A1
B587	CARTRIDGE, 57 MILLIMETER HE, AT M307A1, W/FUZE, PI M90 OR M90A1 FOR RIFLES M18 OR M18A1
B588	CARTRIDGE, 57 MILLIMETER TP, M306A1, W/FUZE PD M503 OR M503A1, FOR RIFLES M18 OR M18A1
B590	CARTRIDGE, 57 MILLIMETER SMOKE WP, M308, W/FUZE PD M503
B592	40MM TP M918 UNLINKED F/ CEV

B610	LAUNCHER AND CTG AGENT CS
B611	CTG 60MM SABOT PRAC M3
B621	IGNITION M4 F/60MM
B624	CTG 60MM FIN ASSY PROJ
B627	CARTRIDGE, 60 MILLIMETER ILLUMINATING, M83A1 OR M83A2, W/FZ, TIME, M65A1 F/MORTAR M2, M19
B629	CARTRIDGE, 60 MILLIMETER TRAININGNM69
B630	CARTRIDGE, 60 MILLIMETER , SMOKE, WP M302A2/M302A1E1, W/F PD M527B1, FIN ASSY M2, W/EXT, PROP CHG XM181, PRIMER M32
B632	CARTRIDGE, 60 MILLIMETER HE, COMP B, M49A4 W/FZ PD M935, M181 PROP CHG, M32, PERC PRIMER M5A2 IGN CTG AND M2 FIN ASSY
B633	CARTRIDGE, 60 MILLIMETER TP, M50A3
B634	CARTRIDGE, 60 MILLIMETER TP, M50A2, W/FZ, PD, M52A2, F/MORTAR M2, AND M19
B642	CARTRIDGE, 60 MILLIMETER HE, XM720, W/FZ MULTI OPTION, XM734 F/MORTAR XM224
B643	CARTRIDGE, 60 MILLIMETER HE, M888, W/FZ PD M935
B645	CTG 60MM TP SHORT RANGE M766
B646	CARTRIDGE, 60 MILLIMETER , SMOKE, WP, XM722 W/FUZE XM745 PD, M204 PROP CHG, M702 IGN CTG, M27 FIN ASSY
B647	CARTRIDGE, 60 MILLIMETER , ILLUM, XM721 W/FZ XM776 MTSQ, M204 PROP CHG, M702 IGN CHG AND M27 FIN ASSY F/MORTAR M224
B653	CTG 60MM REPAIR KIT
BA04	CTG 60MM ILLUM XM767 INFRARED
BA06	CTG 40MM M1006 SPONGE GRENADE
BA11	CTG 40MM CANISTER XM1001
BZ09	CTG 40MM FOAM BATON
BZ11	CTG 40MM RUBBER BALL
BZ12	CTG 60MM FULL RANGE PRAC M731
BZ13	CTG 60MM HE M888A1
C004	SABOT 81MM PRACTICE (DDI)

C025	CTG 75MM BLANK M337
C045	REFURBISHMENT KIT
C051	CARTRIDGE, 75 MILLIMETER HE, M309 OR M309A1
C053	CARTRIDGE, 75 MILLIMETER HE-T, M349, W/FZ BD M91A1
C056	CARTRIDGE, 75 MILLIMETER SMOKE WP, M311 OR M311A
C057	CTG 75MM HE M309AL W/FUZE
C079	CTG 75MM HE M48 W/FUZE PD M5
C222	CARTRIDGE, 81 MILLIMETER HE, M362, W/FUZE, PD, M526
C223	CARTRIDGE, 81 MILLIMETER HE, M362/T28, W/O FUZE, W/IGNITION CTG M66, PERC PRIMER, M71, PROP CHG M5
C225	CARTRIDGE, 81 MILLIMETER HE, M43A1, W/FUZE PD M525 W/M8 IGN CTG, M34 PERC PRIMER
C226	CARTRIDGE, 81 MILLIMETER ILLUMINATING M301A1 OR M301A2 W/FZ TIME M84
C227	CARTRIDGE, 81 MILLIMETER TP, M43A1, W/FZ, PD, M525, F/MORTARS M1 AND M29
C228	CTG 81MM TNG M68 W/O ASSY
C234	CARTRIDGE, 81 MILLIMETER SMOKE, WP, M370, W/FZ, PD M524A3/M524E5, F/MORTARSM1, M29
C243	CTG 81MM IGNITION
C256	CTG 81MM HE M374 W/ PD FUZE
C261	CTG 90MM BLNK M394 F/GUN
C266	CTG 90MM HE FLS M71 W/FUZE
C276	CARTRIDGE, 81 MILLIMETER SMOKE , WP, M375, W/FZ PD M567, ASSEMBLED W/M285 IGN CTG, M90 PROP CHG, M71A2 PRIMER AND M170 FIN ASSY
C282	CARTRIDGE, 90 MILLIMETER HEAT, M371A1, W/FZ PIBD M530
C283	CARTRIDGE, 90 MILLIMETER PRACTICE M371, W/FZ PIBD M530
C285	CTG 90MM AP-T M318 SER

C289	CTG 90MM TP-T XM764
C294	CTG 90MM HEAT-T M431 T300 SER W/F PIBD M509 SER F/G M36 M41 M54
C379	CTG 120MM HE M934 W/ MOF M734
C380	CTG 120MM APFSDS-T M829A1
C397	CTG CANSTR SMK RED F/105
C410	CTG 90MM CANISTER M590
C440	CARTRIDGE, 105 MM BLANK, M395, BRASS CTG CASE M15, W/M181A2 PRIMER
C441	CARTRIDGE, 105 MM , GAS, NON-PERSISTENT, GB, M360/T173, STL CASE, DUAL GRAN, W/FZ, PD, M508, F/HOWITZERS M2A1, M2A12, M4, M4A1 AND
C443	CARTRIDGE, 105 MM , HE, COMP B, M1, STL CASE SPIRAL WRAPPED, DUAL GRAN, W/SUPPL CHG AND FUZE, MTSQ, M564, F/HOWITZERS M2A1, M2A2,
C444	CARTRIDGE, 105 MILLIMETER , HE, TNT, M1, BRASS CASE, DUAL GRAN, W/SUPPL CHG AND FZ PD M51A5, 0.05 SEC DELAY F/HOWITZERS M2A1,
C445	CARTRIDGE, 105 MM HE, M1, COMP B, DUAL GRAN, W/SUPPL CHG, W/O FUZE, F/HOWITZER M2A1, M2A2, M4, M4A1, M49, M103 AND M137
C448	CARTRIDGE, 105 MM HE, COMP C4, T81E17, M14 BRASS CTG CASE, M62A1 FUSE BD, M28B2 PRMR, AND CHG PROP M6 TY 1
C449	CARTRIDGE, 105 MM ILLUM, M314A3/M314A2E1, STL CASE, DUAL GRAN W/FZ, MT, M565, F/HOWITZERS M2A1, M2A2, M4, M4A1, M49, M103
C452	CARTRIDGE, 105 MM SMK, HC, BE, M84A1, W/STL CTG CASE M14B1 CHG PROP DUAL GRAN M67, PRIMER M2882 AND FZ MT M565
C453	CTG 105MM RED SMK F/HOW
C454	CARTRIDGE, 105 MM SMOKE, WP, M60, DUAL GRAN, W/FZ, PD M557, W/M5 BURSTER, F/HOWITZERS M2A1, M2A2, M4, M4A1 AND M49
C455	CTG 105MM SMK YELLOW F/HOW
C462	CTG 105MM ICM (1ST GEN) M444
C463	CARTRIDGE, 105 MILLIMETER HE, COMP B, XM548E1, STL CASE, DUAL GRAN W/SUPPL CHG, W/O FZ,

	ROCKET ASSISTED F/HOW M101, M102 AND M108
C468	CARTRIDGE, 105 MM , TACT, CS, XM629, STEEL CASE, SPIRAL WRPD, DUAL GRAN, W/FZ MTSQ M548
C473	CTG 105MM HE M760 W/O FUZE
C477	CARTRDIGE, 105 MILLIMETER SMK, WP, M60A2/M60E3, W/M53A1/XM53E2 BURSTER, DUAL GRAN, M148B1 STL CTG CASE, W/O FZ PD M557
C479	CARTRIDGE, 105 MM , SMK HC, BE M84A1, DUL-GRAN, M14B4 SPRIAL WRAPPED STL CTG CASE M28B2 PRIMER PERC, M57 PROP CHG, W/M565 MT FUZE
C484	CTG 81MM IR ILLUM M816
C494	CARTRIDGE, 105 MILLIMETER APDS-T, M728, W/M13 TRACER, M11581 STL CTG CASE , W/M80A1 PRMR ELEC AND M30 PROP CHG
C503	CARTRIDGE, 105 MILLIMETER TP-T, M393A1, INERT LOADED PROJECTILE, W/O FUZE, F/GUN M68, RD SIMULATES HEP-T M392A2 DODIC C518 AND
C505	CARTRIDGE 105 MILLIMETER RENOVATED APDS-T, M392A2, W/M13 TRACER, M115B1 STL CASE W/M80H1 PRIMER, AND M30 PROP CHG,
C508	CARTRIDGE, 105 MILLIMETER HEAT-T, M456A1/M456E3, W/M509A1 PIBD FZ, M30 PROPCHG, M148A1B1 STL CTG CASE, M83 PRMR, F/GUN M68
C511	CARTRIDGE, 105 MILLIMETER , TP-T M456E1, STEEL CTG CASE
C512	CARTRIDGE, 105 MILLIMETER SMK WP-T M416, W/FZ BD M534A1
C513	CTG 105MM APERS TR M546 W/FUZE MT M563 F/HOW
C518	CARTRIDGE, 105 MILLIMETER HEP-T, COMP A3 M393A2, W/FZ BD M578, STL CASE
C519	CTG 105MM APERS-T M494
C520	CARTRIDGE, 105 MILLIMETER TPDS-T M724A1, STL CASE/RDS SIMULATE APDS-T M728, DODIC C494 AND M393A2, DODIC C505, F/GUN M68
C521	CARTRIDGE, 105 MILLIMETER APFSD-T M735/XM735E2, W/M13 TRACER, M148 STL CTG CASE W/M120 PRIMER, AND M30 PROP CHG
C523	CARTRIDGE, 105 MILLIMETER APFSDS-T M774, W/M13

	TRACER, M148 STL CTG CASE, W/M120 PRIMER AND M30 PROP CHG
C524	CARTRIDGE, 105 MILLIMETER APFSDS-T M833, W/M13 TRACER, M148A1B1 ST; CTG CASE AND LINER ASSY W/M120 ELECTRIC PRIMER, M30 PROPELLANT
C533	CTG 105MM TPCSDS-T DM128
C540	CARTRIDGE, 105 MILLIMETER , SMOKE HC, BE M84A1 CHG PROP M67 W/O FUZE
C541	CARTRIDGE, 105 MILLIMETER , M314A3/M314A2E1, ILLUM W/O FUZE, W/NOSE PLUG, W/M14B4 STL CTG CASE SPIRAL WRAPPED
C542	CARTRIDGE, 105 MM , ILLUM, M314A3, STEEL CASE, SPIRAL NRPPD W/O FZ W/MLT PLUG F/HOWITZERS M2A1, M2A2, M4, M4A1, M43, M103
C543	CTG 105MM APFSDS-T M900
C544	CTG 105MM HERA M927
C546	CTG 105MM HERA M913
C623	CTG 120MM HE M933 W/ PD FUZE
C624	CTG 120MM SMOKE XM929 W/ PD FUZE
C625	CTG 120MM ILLUM XM930
C650	CARTRIDGE, 106 MILLIMETER HEAT COMP B LDD, M344A1, STL CASE, W/FZ PIBD B LDD, M344A1, STL CASE, W/FZ PIBD M509A1, F/RIFLE M40A1
C651	CARTRIDGE, 106 MILLIMETER HEP-T, M346A1 W/BDF M91A2 F/RIFLE M404A1 OR M40A1C
C654	CARTRIDGE, 106 MILLIMETER DUMMY, M368
C660	CTG 106MM APERS-T
C697	CTG 4.2 INCH HE M329 W/ SCRUBBER OTURATOR
C699	CTG 4.2 IN HE MORTAR M329A2 W/O FUZE
C704	CTG 4.2 IN HE W/WO FUZE
C706	CTG 4.2 INCH ILLUM M335A2
C708	CTG 4.2 INCH SMOKE WP M328
C784	CARTRIDGE, 120 MILLIMETER , TP-T, M831
C785	CARTRIDGE, 120 MM , TPCSDS-T, M865 F/CANNON M256

C786	CARTRIDGE, 120 MM , APFSDS-T, M829
C787	CARTRIDGE, 120 MM , HEAT-MP-T, M830, F/M256 CANNON
C788	CTG 120MM HE M57 W/ PD FUZE
C789	81MM M889 W/M935 DP FUZE
C790	CTG 120MM ILLUM M91
C791	CARTRIDGE, 120MM , HEAT-MP-T, M830E1
C792	CTG 120MM APFSDS-T M829A2
C868	CARTRIDGE, 81 MILLIMETER , HE, M821 W/FUZE MULTI-OPTION M734
C869	CARTRIDGE, 81 MILLIMETER , HE, M889 W/FUZE PD M935
C870	CARTRIDGE, 81 MILLIMETER , SMOKE, RP, M819, W/FZ MTSQ M772
C871	CARTRIDGE, 81 MM , ILLUM M853, W/FUZE TIME M768
C875	CARTRIDGE, 81 MILLIMETER , PRACTICE, M879 W/FUZE PD M751
C876	CTG 81MM PRAC 1/10 RANGE M880
C995	LAUNCHER AND CTG 84MM M136 (AT-4)
CA03	CTG 120MM SMOKE XM929 W/ M734A1 FUZE
CA04	CTG 120MM HE M934 W/ MOF M734A1
CA05	CTG 120MM OBSTACLE REDUCTION XM908
CA07	CTG 120MM IR ILLUM XM983
CA09	CTG 120MM FULL RANGE PRACTICE XM931
CA11	CTG 105MM DPICM (2D GEN) M916
CA13	CTG 105MM DPICM (2D GEN) M915
CO52	CARTRIDGE, 75 MILLIMETER HE-T, M310 OR M310A1, W/FZ BD M91A1
D003	SPOTTING CHARGE F/ DPICM
D061	PROJ 155MM SADARM XM898
D110	ADDITIVE JAKET M1 F/175MM
D151	BRSTR PROJ-M71 F/GAS PROJ
D153	BRSTR ASSY M83

D361	CHG PROPELLING 175MM M86 SERIES WHITE BAG
D380	152MM PRAC TP-T.
D381	CTG 152MM HEAT-T-MP M409 SERIES W/F PIBD XM539E4 F/GUN M81
D383	CTG 152MM TP-T XM411E4 F/GUN M81
D445	CANISTER HC M1
D446	SMOKE CANISTER, GREEN
D447	SMOKE CANISTER, RED
D480	PROP 155MM M19 F/GUNS CHG
D484	PROJECTILE, 155 MILLIMETER GAS, PERSISTENT, HD, M104, F/GUNS M2, M2A1 AND M46
D493	REDUCER FLASH PROP CHG
D501	PROJECTILE, 155 MILLIMETER APERS, M692, W/O FZ, W/M67 APERS MINES ADAM-L,
D502	PROJECTILE, 155 MILLIMETER APERS, M731, W/O FZ W/M72 APERS MINES ADAM-S;
D503	PROJECTILE, 155 MILLIMETER , AT, HE, M718, W/O FZ, W/M70 ANTI-TANK MINES RAAM-L
D505	PROJECTILE, 155 MILLIMETER ILLUM, M48E1, W/O FZ, W/O BURSTER, W/O SUPPL CHGF/HOWITZER M1, M1A1, M45
D506	PROJECTILE, 155 MILLIMETER HC SMOKE, BE, M116A1, W/O FZ
D509	PROJECTILE, 155 MILLIMETER AT, M741, W/O FZ, W/M73 ANTI-TANK MINES RAAM-S M741
D510	PROJECTILE, 155 MILLIMETER HE, GUIDED (COPPERHEAD), M712, W/M740 PIBD FZ
D511	PROJ 155MM COPPERHEAD TRAINER
D513	PROJ 155MM TRAINING M804
D514	PROJECTILE, 155 MILLIMETER , AT M741A1, W/M70 ANTI-TANK MINES, RAAMS-L W/O FUZE
D515	PROJECTILE, 155 MILLIMETER AT M718A1, W/M173 ANTI-TANK MINES, RAAMS-S, W/O FZ
D528	PROJECTILE, 155 MILLIMETER , SMOKE, WP, M825, SCREENING

D529	PROJ 155MM EXT RNG M795
D532	PROP CHARGE 155MM M203A1
D533	PROP CHARGE 155MM M119A2
D534	PRO CHARGE 155MM M119
D539	PROP CHARGE 155MM DUMMY
D540	PROP CHARGE 155MM M3A1
D541	PROP CHARGE 155MM M4A2
D542	PROJECTILE, 155 MILLIMETER , GAS, NON-PERSISTENT, GB, M121A1, W/O FZ SUPPL CHG OR BURSTER, F/HOWITZERS M1, M1A1 AND M45
D544	PROJECTILE, 155 MILLIMETER , HE, M107 W/SUPPLEMENTARY CHARGE SHOCK ATTENUATING LIFTING PLUG W/O FUZE
D548	PROJECTILE, 155 MILLIMETER , HC, SMOKE, BB, M11681/M116E1, W/O FZ MTSQ M501A1, F/HOW M114A AND M109A1
D549	PROJ 155MM SMOKE RED
D550	PROJECTILE, 155 MILLIMETER , SMOKE, WP, M110, UNFUZED, UNCRATED F/155 MM HOWITZERS, M1
D551	PROJ 155MM SMOKE YELLOW BE M116 F/HOW M1 M1A1 M45
D552	FLASH REDUCER M2
D553	PROJ 155MM DUMMY M7
D561	PROJECTILE, 155 MILLIMETER , APERS, HE, ICM, M449/T379E2, W/O FUZE W/EXPULSION CHG AND FUSIBLE LIFTING PLUG
D562	PROJECTILE, 155 MILLIMETER , APERS, HE, ICM, M449A1/M449E2, W/O FZ W/EXPULSION CHG AND FUSIBLE LIFTING PLUG
D563	PROJECTILE, 155 MILLIMETER , HE, DP, ICM, COMP A5, M483A1, M483, W/M42 AND M467 GRENADES W/O FZ MTSQ M577
D568	PROJECTILE, 155 MILLIMETER , GAS PERSISTENT VX, M121A1, W/M71 BURSTER (W/O FZ)
D570	CTG 165MM HEP M123 OR M123A F/GUN M135
D572	PROJ 175MM HE M437 SERIES W/SUPPL CHG FOR GUN

	M113
D579	PROJECTILE, 155 MILLIMETER , HE RA, TNT LDD M549A1 W/SUPPLY CHG W/O FZ,
D590	CTG 165MM TP M623
D591	PROJ 175MM HE M437AS W/O SUP
D624	PROJ 8 IN HE RAP M650
D651	PROJECTILE, 8 INCH , HE, DP, ICM, M509A1 (M509E1) (W/O FUZE) W/180 COM P AS LOADED M42 GRENADES
D661	CHG PROP 8 IN WHITE BAG
D675	CHG PROP 8 IN M1 F/HOW M2 M2A1 M47 GREEN BAG
D676	CHG PROP 8 IN M1 F/HOW M2 M2A1 M47 WHITE BAG
D680	PROJECTILE, 8 INCH HE, M106, W/O FZ SUPPL CHG F/HOWITZER, M110A2
D681	REDUCER FLASH PROPELLING CHG M3 F/8 IN HOW M2 M2A1 M47
D683	PROJECTILE, 8 INCH , HE, SPOTTING, M424E1/T347, W/FZ, MT, M591, COMP B LDD
D684	PROJECTILE, 8 INCH APERS, HE ICM, M404/XM404, W/O FZ, W/EXPULSION CHG AND LIFTING PLUG
D864	PROJ 155MM ER DPICM M864
DWDN	Demolition 1/4LB TNT.
DWEC	.50CAL PAN EN BLNK MK277.
DWED	.50CAL PAN CSS MK279.
DWEE	.50CAL PAN AS MK280.
DZ01	PROJ 155MM LEAFLET, ANTITANK WESS
E016	DISPENSER AND BOMB, AIRCRAFT CBU-59A/B , COMP, CONSISTS OF DISPENSER MK 7-3,W/FUZE MK 339 MOD 1 AND 717 BOMBLETS BLU-77/B AWC-283
E463	BOMB, GENERAL PURPOSE, MK 81 -1 , 250 LB. SIZE, LOW DRAG, TRITONAL LOADED W/O CABLE ASSEMBLY, F/AIR FORCE ONLY
E464	BOMB, GENERAL PURPOSE MK 81 NMOD 0, 250 LB. SIZE, LOW DRAG, TRITONAL LOADED W/O CABLE ASSEMBLY M71 OR T8 INSTALLED, F/AIR FORCE
E465	BOMB, GENERAL PURPOSE MK 81 MOD 1, 250 LB. SIZE, LOW DRAG, H-6 LOADED, W/CABLE ASSEMBLY M71

	OR T8 INSTALLED
E466	BOMB, GENERAL PURPOSE MK 81 MOD 1, 250 LB. SIZE, LOW DRAG, TRITONAL LOADED W/O CABLE ASSEMBLY, W/SUSPENSION LUGS INSTALLED, F/AIR
E470	BOMB, GENERAL PURPOSE MK 82 MOD 2A, 500 LB. SIZE, LOW DRAG, H-6 LOADED W/CABLE ASSY MK 72 OR T8 AND SUSPENSION LUGS INSTALLED
E472	BOMB, GENERAL PURPOSE MK 82 MOD 2A, 500 LB. SIZE, LOW DRAG, H-6 LOADED W/CABLE ASSEBLY M72 OR T8 INSTALLED, THERMAL PROTECTION
E480	BOMB, GENERAL PURPOSE MK 82 -1, 500 LBS. SIZE, LOW DRAG, TRITONAL LDD, W/O CABLE ASSY, F/AIR FORCE ONLY
E481	BOMB, GENERAL PURPOSE, MK 82 MOD 1, 500 LB. SIZE, LOW DRAG, H-6 LOADED, W/CABLE ASSEMBLY M72 OR T8 AND SUSPENSION LUGS INSTALLED,
E482	BOMB, GENERAL PURPOSE MK 82 MOD 1, 500 LB. SIZE, LOW DRAG, H-6 LOADED, W/CABLE ASSEMBLY M72 OR T8 INSTALLED
E483	BOMB, GENERAL PURPOSE MK 82 MOD 2, 500 LB. SIZE, LOW DRAG, H-6 LOADED, W/CABLE ASSEMBLY M72 OR T8 INSTALLED, THERMALLY PROTECTED
E485	BOMB, GENERAL PURPOSE MK 82 MOD 1, 500 LB. SIZE, LOW DRAG, TRITONAL LOADED W/O CABLE ASSEMBLY, W/SUSPENSION LUGS INSTALLED, F/AIR
E487	BOMB, GENERAL PURPOSE MK 82 MOD 1, 500 LB. SIZE, LOW DRAG, H-6 LOADED, W/CABLE ASSEMBLY M72 OR T8 AND SUSPENSION LUGS INSTALLED
E488	BOMB, GENERAL PURPOSE MK 82 MOD 2, 500 LB. SIZE, LOW DRAG, H-6 LOADED, W/CABLE ASSEMBLY M72 OR T8 AND SUSPENSION LUGS INSTALLED,
E496	BOMB, GENERAL PURPOSE MK 82 MOD 3, 500 LB. SIZE, LOW DRAG, H-6 LOADED, INTERNALLY SCORED, W/CABLE ASSY M72 OR T8 AND SUSPENSION
E498	BOMB, GENERAL PURPOSE, MK 82 MOD 4, 500 LB. SIZE, LOW DRAG, H-6 LOADED, W/CABLE ASSY M72 OR T8 AND SUSPENSION LUGS INSTALLED,
E506	BOMB, GENERAL PURPOSE MK 83 MOD 4, 1000 LB. SIZE, LOW DRAG, H-6 LOADED, W/O CABLE ASSEMBLY

E507	BOMB, GENERAL PURPOSE MK 83 MOD 3, 1000 LB. SIZE, LOW DRAG, H-6 LOADED, W/CABLE ASSEMBLY M73 OR T15 INSTALLED
E508	BOMB, GENERAL PURPOSE MK 83 MOD 4, 1000 LB. SIZE, LOW DRAG, H-6 LOADED, W/CABLE ASSEMBLY M73 OR T15
E509	BOMB, GENERAL PURPOSE MK 83 MOD 4, 1000 LB SIZE, LOW DRAG, H-6 LOADED, W/CABLE ASSEMBLY M73 OR T15 AND SUSPENSION LUGS INSTALLED
E510	BOMB, GENERAL PURPOSE MK 83 MOD 5, 1000 LB. SIZE, LOW DRAG, H-6 LOADED, W/CABLE ASSEMBLY M73 OR T15 AND SUSPENSION LUGS INSTALLED,
E513	BOMB, GENERAL PURPOSE MK 83 MOD 5A, 1000 LB SIZE, LOW DRAG, H-6 LOADED, W/CABLE ASSY M73 OR T15 AND SUSPENSION LUGS INSTALLED,
E515	BOMB, GENERAL PURPOSE, BLU-110/B , 1000 LB. SIZE, LOW DRAG, PBXW-109(E) LOADED, W/CABLE ASSEMBLY
E516	BOMB, GENERAL PURPOSE, MK 84 -5A, 2000 LB. SIZE, LOW DRAG H-6 LDD, W/CABLE ASSY, M 74 OR T15 AND SUSPENSION LUGS, INSTALLED
E517	BOMB, GENERAL PURPOSE MK 84 MOD 6A, 2,000 LB. SIZE, LOW DRAG, H-6 LDD W/CABLE ASSY M74 OR T15 AND SUSPENSION LUGS INSTALLED
E819	DISPENSER AND BOMB, AIRCRAFT CBU-MK 20-4 , COMPLETE, CONSISTS OF DISPENSER MK 7-4, W/FZ MK 339-0, 247 BOMBLETS MK 118-1, GUIDED
E820	DISPENSER AND BOMB, AIRCRAFT CBU-59/B , CONSISTS OF DISPENSER MK 7-3, W/FZ MK 339-0 AND 717 BOMBLETS BLU-77
E835	DISPENSER AND BOMB, AIRCRAFT CBU-MK 20-2 , COMPLETE, CONSISTS OF DISPENSER MK 7-2, W/FZ MK 339-0 AND 247 BOMBLETS MK 118-0,
E836	DISPENSER AND BOMB, AIRCRAFT CBU-MK 20-4 , COMPLETE, CONSISTS OF DISPENSER MK 7-4, W/FZ MK 339-0 AND 247 BOMBLETS MK 118-1, GUIDED
E837	DISPENSER AND BOMB, AIRCRAFT CBU-MK 20-6 , COMPLETE, CONSISTS OF DISPENSER MK 7 MOD 6, W/FZ MK 339-1 AND 247 BOMBLETS MK 118-0,
E838	DISPENSER AND BOMB, AIRCRAFT CBU-MK 20-6 ,

	COMPLETE, CONSISTS OF DISPENSER MK 7-6, W/FZ MK 339-1 AND 247 BOMBLETS MK 118-0,
E853	DISPENSER AND BOMB, AIRCRAFT CBU-MK 20-7 , COMPLETE, CONSISTS OF DISPENSER MK 7-7, W/FZ MK 339-1 AND 247 BOMBLETS MK 118-0,
E854	DISPENSER AND BOMB, AIRCRAFT CBU-59A/B , COMPLETE, CONSISTS OF DISPENSER MK 7-3, W/FZ MK 339-0 AND 717 BOMBLETS BLU-77/B, AWC 283
E857	DISPENSER AND BOMB, AIRCRAFT CBU-MK 20-8 , COMPLETE, CONSISTS OF DISPENSER MK 7-8, W/FZ MK 339 MODS 0 OR 1 AND 247 BOMBLETS MK
E892	DISPENSER AND BOMB, AIRCRAFT CBU-MK 20-11 , COMPLETE, CONSISTS OF DISPENSER MK 7 MOD 11, W/FUZE MK 339 MOD 0 OR 1 AND 247 BOMBLETS
E893	DISPENSER AND BOMB, AIRCRAFT CBU-MK 20-11 , PRACTICE WEQPON, OPENING TYPE, CONSISTS OF DISPENSER MK 7 MOD 11, W/FUZE MK 339 MOD 0
E895	DISPENSER AND BOMB, AIRCRAFT CBU-MK 20-12 , COMPLETE, CONSISTS OF DISPENSER MK 7 MOD 12, W/FUZE MK 339 MOD 0 OR 1 AND 247,
E898	DISPENSER AND BOMB, AIRCRAFT CBU-MK 20 MOD 9 , COMPLETE, CONSISTS OF DISPENSER MK 7 MOD 9, W/FUZE FMU-140/B, AND 247 BOMBLETS MK
E899	DISPENSER AND BOMB, AIRCRAFT CBU-MK 20 MOD 10 , COMPLETE, CONSISTS OF DISPENSER MK 7 MOD 10, W/FUZE FMU-140/B, AND 247 BOMBLETS MK
E903	DISPENSER AND BOMB, A/C CBU-99 (T-1)/B , TRNG, THERMALLY PROTECTED C/O DISPENSER, OPENING TYPE SUU-75 (T-1)/B, LIVE FMU-140/B
E912	DISPENSER AND BOMB, A/C, CBU-99(T-1)/B , TRNG, THERMALLY-PROTECTED, C/O DISPENSER SUU-75(T-1)/B, W/FUZE MK 339-1
E913	DISPENSER AND BOMB, A/C, CBU-99(T-1)A/B , TRNG, THERMALLY-PROTECTED, C/O DISPENSER SUU-75(T-1)A/B, W/FUZE FMU-140/B
E914	DISPENSER AND BOMB, A/C, CBU-100(T-1)/B , TRNG WEAPON, OPENING TYPE, C/O DISPENSER SUU-76(T-1)/B, W/FUZE MK 339-1, 247 BOMBLETS MK
E915	DISPENSER AND BOMB, A/C, CBU-100(T-1)A/B , TRNG WEAPON, OPENING TYPE, C/O DISPENSER SUU-76(T-

	1)A/B, W/FUZE FMU-140/B, 247 DUMMY
E916	DISPENSER AND BOMB, A/C, CBU-99/B , THERMALLY-PROTECTED, COMPLETE, C/O DISPENSER SUU-75/B, W/MK 339-1, 247 BOMBLETS MK 118-0,
E917	DISPENSER AND BOMB, A/C, CBU-99A/B , THERMALLY-PROTECTED, COMPLETE, C/O DISPENSER SUU-76A/B, W/FUZE FMU-140/B, 247 BOMBLETS MK
E918	DISPENSER AND BOMB, A/C, CBU-100/B , COMPLETE, C/O DISPENSER SUU-76/B, W/FUZE MK 339-1, 247 BOMBLETS MK 118-0, UNGUIDED MODE
E919	DISPENSER AND BOMB, A/C, CBU-100A/B , COMPLETE, C/O DISPENSER SUU-76A/B, W/FUZE FMU-140/B, 247 BOMBLETS MK 118-0, UNGUIDED MODE
F126	BOMB, GENERAL PURPOSE MK 84 -2 , 2,000 LB SIZE, LOW DRAG, H-6 LDD, W/CABLE ASSY M74 OR T15 AND SUSPENSION LUGS INSTALLED
F127	BOMB, GENERAL PURPOSE, MK 84 -1, 2, 2,000 LB SIZE, LOW DRAG, H-6 LDD, W/CABLE ASSY M74 OR T15 INSTALLED
F128	BOMB, GENERAL PURPOSE, MK 84 -2, 2,000 LB SIZE, LOW DRAG, H-6 LDD, W/O CABLE ASSY
F272	BOMB, GENERAL PURPOSE, MK 84 -3, W,000 LB SIZE, LOW DRAG, H-6 LDD, W/CABLE ASSY M74 OR T15 AND SUSPENSION LUGS INSTALLED,
F274	BOMB, GENERAL PURPOSE, MK 84 -5, 2,000 LB SIZE, LOW DRAG, H-6 LDD, W/CABLE ASSY M74 OR T15 AND SUSPENSION LUGS INSTALLED,
F278	BOMB, GENERAL PURPOSE, MK 84 -6, 2,000 LB SIZE, LOW DRAG, H-6 LDD, W/CABLE ASSY M74 OR T15 AND SUSPENSION LUGS INSTALLED,
F281	BOMB, GENERAL PURPOSE, MK 84 -7, 2,000 LB SIZE, LOW DRAG, H-6 LDD, W/CABLE ASSY M74 OR T-15 AND SUSPENSION LUGS INSTALLED
F282	BOMB, GENERAL PURPOSE, MK 84 -3A, 2,000 LB SIZE, LOW DRA, W/CABLE ASSY M74 OR T15 AND SUSPENSION LUGS INSTALLED, W/THERMAL
F288	BOMB, GENERAL PURPOSE, BLU-110A/B , 1,000 LB SIZE, LOW DRAG, PBXN-109 LDD, THERMALLY PROTECTED

F289	BOMB, GENERAL PURPOSE, BLU-111A/B , 500 LB SIZE, LOW DRAG, PBXN-109 LDD, THERMALLY PROTECTED
F470	CARTRIDGE, SIGNAL, PRACTICE BOMB CXU-3 REPLACES MK 4-3
F534	CARTRIDGE, SIGNAL, PRACTICE BOMB CXU-4A/B
F676	FUZE, BOMB, M173 NOSE AND/OR TAIL TYPE
F677	FUZE, BOMB, AN-M173A1 , NOSE AND/OR TAIL TYPE F/IGNITER, WP, AN-M23A1
F679	FUZE, BOMB, M990E1 , TAIL TYPE, ELEC, IMPACT W/SAFETY AND ARMING DEVICE MK 26 INSTALLED
F680	FUZE, BOMB, M904E2 , NOSE, IMPACT TYPE, W/DELAY ELEMENT M9, .025 SEC DELAY
F681	FUZE, BOMB, M904E2 , NOSE, IMPACT TYPE, W/DELAY ELEMENT M9, NON-DELAY
F689	FUZE, BOMB MK 374-0 NOSE TYPE, IMPACT, INSTANTANEOUS, F/BOMB, CR, MK 115-0, F/HELICOPTERS ONLY
F708	FUZE, BOMB, MK 243-0 , NOSE TYPE, IMPACT, .025 SEC DELAY
F716	FUZE, BOMB, M907E2 , NOSE AND TAIL TYPE, MECHANICAL TIME, 3 TO 92 SEC, SELECTIVE TIME RANGE
F723	FUZE, BOMB, M990E3 ELEC. W/SAFETY AND ARMING DEVICE MK 26-0 INSTALLED
F724	FUZE, BOMB, M990E4 , TAIL TYPE, ELEC, IMPACT, W/SAFETY AND ARMING DEVICE MK 26 INSTALLED
F732	FUZE, BOMB, MK 339-0 , NOSE TYPE, F/CBU MK 20-2
F736	FUZE, BOMB, MK 374-1 , NOSE TYPE, IMPACT, INSTANTANEOUS, F/BOMB, CR, MK 115-0 F/OV-10 A/C ONLY
F739	FUZE, BOMB, M904E4 , NOSE, IMPACT TYPE W/DELAY ELEMENT M9, NON-DELAY, THERMALLY PROTECTED
F740	FUZE, BOMB MK 339-1 , NOSE TYPE, F/CBU MK 20 MODS
F741	FUZE, BOMB, FMU-95/B , NOSE TYPE, F/CBU-55/B, CBU-55A/B, AND CBU-72/B
F745	FUZE, BOMB FMU-110/B , NOSE TYPE

FZ16	40MM GREN LAU Distract.
G801	ADAPTER M1 SERIES
G805	ADAPTER GRENADE PROJ CHEM M2
G811	BODY M69 F/ USE W/ M228 FUZE
G815	GREN LNCHR SMOKE SCREENING RP L8A3
G826	GREN LNCHR SMOKE SCREENING IR M76
G839	CTG.7.62MM M64
G841	CTG 5.56MM M195
G872	FUZE M206 F/ G922 AND G937
G873	FUZE M204 F/ G880
G874	FUZE M201A1 F/ VARIOUS GRENADES
G877	FUZE M213 F/ G881
G878	FUZE M228 F/ G911 AND G811
G880	GRENADE, HAND FRAGMENTATION, M61/XM61 W/FZ M204A2
G881	GRENADE, HAND FRAGMENTATION, COMP B M67 W/FZ M213
G890	GRENADE, HAND FRAGMENTATION, COMP B M26A1 W/FZ M204A2
G892	GRENADE, HAND FRAGMENTATION MK 2A1, W/FZ M10A3
G895	GRENADE, HAND, ILLUMINATING MK 1-2 W/FZ MK 372-0
G900	GRENADE, HAND, INCENDIARY, TH3, AN-M14 W/FZ M201A1
G905	GRENADE, HAND, CN-DM, M6 RIOT CONTROL W/FUZE M201A1
G910	GRENADE, HAND, OFFENSIVE, MK 3A2 W/O FUZE
G911	GRENADE, HAND, OFFENSIVE, MK 3A2 W/FZ M206 SERIES
G916	GRENADE, HAND, PRAC, M21 W/FZ M205A1 OR M205A2
G922	GRENADE, HAND, RIOT CONTROL, CS, XM47E3 W/FUZE
G924	GRENADE, HAND, CS1, ABC-M25A2, RIOT CONTROL

	TYPE W/FZ C12
G929	HG RC M25A2
G930	GRENADE, HAND, SMOKE, HC, AN-M8, W/FZ M201A1
G932	GRENADE HAND RIOT RS M48E3
G935	GRENADE, HAND, SMOKE, WP M15 W/FZ M206A1 OR M206A2
G937	GRENADE, HAND OR RIFLE, SMOKE, WP M34 W/FZ M206A2 W/O CTG OR LAUNCH CLIPS
G940	GRENADE, HAND, SMOKE M18 GREEN W/FZ M201A1
G945	GRENADE, HAND, SMOKE M18 YELLOW W/FZ M201A1
G950	GRENADE, HAND, SMOKE M18, RED W/FZ M201A1
G955	GRENADE, HAND, SMOKE M18 VIOLET, W/FZ M201A1
G960	GRENADE, HAND, CN M7, RIOT CONTROL TYPE W/FZ M201A1
G963	GRENADE, HAND, CS, M7A3, RIOT CONTROL TYPE W/FUZE M201A1
G965	GRENADE HAND TR MK1A1
G970	GRENADE, RIFLE, HE-AT, M31 W/FUZE M211 W/MODIFIED NOSE ASSY
G978	GREN LNCHR SMOKE SIM SCREEN M82
G980	GRENADE, RIFLE AT PRAC, M29/T42, EMPTY
G982	HG SMOKE TRAINING M83
G995	GRENADE, RIFLE, SMOKE, GREEN M22A2
G999	GRENADE, HAND, PRAC M21 W/FZ M10A3
GG03	40MM GREN LAU Smoke.
H000	GRENADE, RIFLE, SMOKE, GREEN STREAMER M23
H010	GRENADE, RIFLE, SMOKE, RED, M22A2
H015	GRENADE, RIFLE, SMOKE, RED STREAMER M23
H025	GRENADE, RIFLE, SMOKE, VIOLET STREAMER M23 , F/TNG AND DEMONSTRATION ONLY
H030	GRENADE, RIFLE, SMOKE, WP M19A1
H035	GRENADE, RIFLE, SMOKE, YELLOW M22A2
H040	GRENADE, RIFLE, SMOKE, YELLOW STREAMER M23

H110	RKT INCENDIARY 66MM M74
H116	RKT 2.75 INCH WP M259 MK40-3
H154	RKT 2.75 INCH IR FLARE M278
H163	RKT 2.75 INCH HE W/ PD MK66-1/2
H164	RKT 2.75 INCH HE W/ RS MK66-1
H165	RKT 2.75 INCH MPSM W/ RS MK66-3
H180	RKT 2.75 INCH FLARE W/ MBO MK40
H181	RKT 2.75 INCH FLARE W/ MBO MK66-1
H183	RKT 2.75 INCH FLARE W/ MBO MK66-3
H184	RKT 2.75 INCH WP M264 MK66-3
H185	MLRS PRAC.
H305	ROCKET MOTOR-0.7-ES2650 M3A2
H311	ROCKET MOTOR MK125-1
H340	ROCKET MOTOR, JATO, MK 6-1 , W/O IGNITER, 15KS-1000
H341	ROCKET MOTOR, JATO, MK 117-0
H342	ROCKET MOTOR, JATO MK 25-1 W/O IGNITER, 5NS-4500
H343	ROCKET MOTOR, JATO MK 7-4 W/O IGNITER MK 307-0
H345	ROCKET MOTOR, JATO MK 7-1 W/O IGNITER, 5KS-4500
H462	RKT 2.75 INCH FLECHETTE M255A1
H463	RKT 2.75 INCH MPSM PRAC MK66-1
H464	RKT 2.75 INCH MPSM W/ RS MK66-1/2
H487	ROCKET 2.75 IN HEAT
H488	RKT 2.75 INCH 17# W/PROX MK40-3
H489	RKT 2.75 INCH HE W/PROX MK40-3
H490	RKT 2.75 INCH HE W/PD MK40
H519	RKT 2.75 INCH WP M156 MK40
H534	RKT 2.75 INCH 17# W/PD MK40-3
H555	ROCKET, HE, 66 MM , AT WHD W/PIBD FUZE M412, MTR M54 W/PROPELLANT GRAIN M7, W/LAUNCHER M72

H557	ROCKET, HE, 66 MM , M72 SERIES, MODIFIED, AT WHD M18, W/PIBD FUZE M412, MTR M54 W/PROPELLANT GRAIN M7, ASSEMBLED W/GLASS COUPLER
H583	RKT 2.75 INCH HE W/ PD MK66-3
H584	ROCKET 84MM HE M136 AT-4
H600	ROCKET 3.5 IN HEAT
H601	ROCKET 3.5 IN PRAC
H602	RIT 3.5 IN SMK
H642	RKT 2.75 INCH 17# MK66-2
H708	ROCKET, PRAC, 35 MM, SUBCAL XM73/M73
H826	RKT 2.75 INCH HEDP MK40
H828	RKT 2.75 INCH PRAC WTU-1/B
H836	WARHEAD, 2.75 INCH RKT , MK 1 MODS, HE LDD, W/FZ MK 176 MODS
H837	WARHEAD, 2.75 INCH RKT , MK 5 MODS, HE LDD, W/FZ MK 181 MODS
H838	WARHEAD, 2.75 INCH RKT , MK 1 MODS, HE LDD, W/FZ MK 178 MODS
H840	WARHEAD, 2.75 INCH RKT , MK 1 MODS, HE LDD, W/O FZ
H842	WARHEAD, 2.75 INCH RKT M151, HE LDD, W/FZ M427
H843	WAREHAD, 2.75 INCH RKT M151, HE LDD, W/FZ M423
H847	WAREHAD, 2.75 INCH RKT , MK 1 MODS, HE LDD, W/FZ M427
H848	WAREHAD, 2.75 INCH RKT , MK 1 MODS, HE LDD, W/FZ M423, F/2.75 INCH RKT MTR MK 40 MODS
H850	WARHEAD, 2.75 INCH RKT , SMOKE E12, WP LDD, W/FZ M423
H855	WARHEAD, 2.75 INCH RKT , SMOKE M156/E13, WP LDD, W/FZ M427 OR M352-2
H861	WARHEAD, 2.75 INCH RKT , SMOKE, MK 67-0, WP LDD, W/FZ M427
H863	WARHEAD, 2.75 INCH RKT , SM229, HE LDD, W/FZ M429, UNASSEMBLED
H868	FUZE 2.75 IN ROCKET HE M229 PD M423

H873	WARHEAD, 2.75 INCH , PRAC, M267
H890	WARHEAD, 2.75 INCH RKT , SMOKE MK 67-1, RP LDD, W/O FUZE FILLER MATERIAL, EMITS WHITE SMOKE
H892	WARHEAD, 2.75 INCH RKT , SMOKE MK 67-1, W/FZ, PD MK 352
H893	WARHEAD, 2.75 INCH ROCKET , SMOKE MK 67-1, RP LDD, W/FUZE M427 PD FILLER MATERIAL, EMITS WHITE SMOKE
H911	WARHEAD, 5 INCH RKT , SMOKE MK 4-1, PWP LDD, W/BURSTER TUBE
H928	WARHEAD, 5 INCH RKT , MK 29-0, HE, EXPL D LDD, W/BASE FZ HOLE PLUG
H929	WARHEAD, 5 INCH RKT , SMOKE, MK 34-0, PWP LDD, F/ZUNI
H930	WARHEAD, 5 INCH RKT , MK 24-0, HE, COMP B LDD, W/BASE FZ MK 191-1
H931	WARHEAD, 5 INCH RKT , MK 32-0, HE, COMP B LDD
H933	WARHEAD, 5 INCH RKT , MK 63-0, HE, COMP B LDD, FRAG TYPE, W/O FZ MK 93 OR M414A1
H939	WARHEAD, 5 INCH RKT , MK 24-1, HE, COMP B LDD, VERMICULITE FZ CAVITY FILL, W/BASE FZ HOLE PLUG
H943	WARHEAD, 5 INCH RKT , SMOKE, MK 34-2, RED PHOSPHOROUS LDD, F/ZUNI
H972	RKT 2.75 INCH PRAC M274 MK66-1
H974	RKT 2.75 INCH MPSM PRAC MK66-3
H975	RKT 2.75 INCH PRAC M274 MK66-3
HA12	RKT 2.75 INCH HE W/ PD MK66-4
HA13	RKT 2.75 INCH PRAC M274 MK66-4
HA14	RKT 2.75 INCH MPSM W/ RS MK66-4
HA15	RKT 2.75 INCH WP M264 MK66-4
HA17	RKT 2.75 INCH MPSM PRAC MK66-4
HX04	ROCKET (SMAW), 83MM ASSAULT, ENCASED, PRAC, MK 4-0, W/RKT MK 2-0, (INCLUDES RKT MTR MK 115-0), INERT WHD MK 121-0
HX05	ROCKET (SMAW), 83MM ASSAULT, ENCASE, DUAL

	MODE, HE, MK 3-0 W/RKT MK 1-0 (INCLUDES RKT MOTOR MK 115-0, IGNITER MK 303-0, WHD MK
HX06	ROCKET (SMAW), 83MM ASSAULT, ENCASED, HEAA, MK 6-0
HX07	ROCKET (SMAW), 83MM ASSAULT, ENCASED, HEAA, PRAC, MK 7-0
HZ01	WIDE AREA MINE (WAM)
HZ02	CANISTER MINE PRAC M89 (VOLCANO)
J003	CANISTER MINE HE M87A1
J102	ROCKET MOTOR, 2.75 INCH , MK 4-10, W/PROPELLANT GRAIN MK 43 MODS
J106	ROCKET MOTOR, 2.75 INCH , MK 40-3, W/PROPELLANT GRAIN MK 43 MODS
J107	ROCKET 2.75 IN MOTOR MK40
J143	ROCKET MOTOR, 5 INCH , MK 22-4, W/N5 PROPELLANT GRAIN AND HERO SAFE MODIFICATIONS, F/USE W/CHARGES LINEAR HE (M58 SERIES AND M59)
J144	ROCKET MOTOR, 5 INCH , MK 22-1, F/DEMO LINEAR CHARGES M58, M58A1, M68 AND M68A1
J289	FUZE, RKT, FMU-90/B , NOSE, PD, DELAY, F/2.75 INCH WHDS M151, M156, M229, MK 1, MK 67, AND 5 INCH WHDS MK 24, MK 32, AND MK 34
J329	FUZE, RKT, M414A1/MK 93-0 NOSE, VT, F/5 INCH WHD MK 24-0, MK 32-0
J344	FUZE, RKT MK 352-2 NOSE, PD, F/2.75 INCH WHDS MK 1, M151, M156, AND F/5 INCH WHDS MK 24, MK 32
J345	FUZE, RKT, MK 188-0 NOSE, F/5 INCH WHDS MK 24, MK 32
J346	FUZE, ROCKET, M427 , NOSE, F/2.75 IN WHD MK 1 MODS
J349	FUZE, RKT, M423 , NOSE, F/2.75 INCH WHD MK 1 MODS
K002	ACTIVATOR AT MINE M1
K008	FIRING DEVICE AP MINE
K010	BURSTER FIELD INCENDIARY M4
K013	SPOOL TRIPWIRE
K016	DISP ACFT TRNG M133

K022	MODULAR PACK MINE SYSTEM (MOPMS)
K030	PRI-IGN MINE FZ
K040	CHG SPT F/ MINE AP
K042	CANISTER MINE PRAC M88 (VOLCANO)
K045	CANISTER MINE HE M87 (VOLCANO)
K050	FUZE MINE M603 F/ M15
K051	FUZE MINE PRAC M604
K055	FUZE MINE COMBINATION M10A1
K058	FUZE MINE COMBINATION M605
K061	FUZE MINE IGNITING
K065	FUZE MINE AT M606
K068	FUZE MINE TILT ROD M624 F/M15
K090	MINE, ANTIPERSONNEL, M2A1 W/FUZE, MINE COMBIANTION M6A1
K092	MINE, ANTIPERSONNEL, M16A1, M16A2, W/FUZE, COMBINATION M605
K105	MINE, ANTIPERSONNEL, PRAC, M8 W/FUZE, MINE, COMBINATION, M10, M10A1
K121	MINE, ANTIPERSONNEL, M14, M14A1, NON-METALLIC
K139	MINE AP PRAC M68
K143	MINE, ANTIPERSONNEL, M18/T48 , W/ACCESSORIES - CAP BLASTING M4, FIRING DEVICE M57 W/1 TEST SET ELEC CIRCUIT M40, 1 IDENT TAG
K145	MINE AP M18A1 W/O ACCESSORIES
K146	MINE, ANTIPERSONNEL, M26/T53E2 , BOUNDING TYPE, HE, COMP B W/INTEGRAL FZ, W/O ACCESSORIES
K150	MINE AP M81 INERT
K151	MINE AP M74 (GEMSS)
K152	MINE AP M86
K180	MINE, ANTITANK, HE, HEAVY M15 W/FUZE, MINE AT M603 AND ACTIVATOR M1
K181	MINE, ANTITANK, HE, HEAVY M21 W/FUZE, MINE COMBINATION M607, W/BSTR M120
K184	MINE AT M75 (GEMSS)

K230	MINE AT M12A1 PRAC
K231	MINE AT M20 PRAC
K234	MINE PRAC M79 (GEMSS)
K242	MINE AT TRAINING M80
K250	MINE, ANTITANK, M19/T18E4 , HE, NON-METALLIC, W/FUZE M606/T120E2
K270	SIM AP MINE PROJ
K271	CAP AP MINE F/ M8 PRAC
K274	RETAINER F/ M120, M121 BOOSTER
K280	BODY AP MINE F/ M8 PRAC
K295	DISPENSER AND MINE, A/C, CBU-78/B (GATOR), C/O SUSPENSION UNIT, UNIVERSAL SUU-58/B (1183AS151), MECH TIME FUZE MK 339-1
K296	DISPENSER AND MINE, A/C CBU-78(P-1)/B , C/O DISPENSER, MINE SUU-58A/B (1183AS152), FUZE, MECHANICAL TIME MK 339-1 (479AS100),
K301	DISPENSER AND MINE, A/C, CBU-78A/B (GATOR), C/O SUSPENSION UNIT UNIVERSAL SUU-58/B (1183AS151), MECH TIME FUZE FMU-140/B
K511	SMOKE POT TRAINING
K531	DISP AND RIOT CONTROL M32
K532	DISP AND RIOT CONTROL M36
K637	FIRING DEV PULL-REL
K758	RIOT CONTROL AGENT CR
K764	RIOT CONTROL AGENT CS1
K765	RIOT CONTROL AGENT CS CAPSULE
K768	RIOT CONTROL AGENT CS1
K865	SMOKE POT GROUND M1
K866	SMOKE POT GROUND M5
K867	SMOKE POT, M4A2 , FLOATING W/FUZE M207A1 AND HC SMOKE MIXTURE, 10 TO 15 MINUTES BURNING TIME
K869	SMOKE POT, AN-M7, FLOATING W/M208 FUZE, FUEL AND SGF2 FOG OIL, 8 TO 13 MINUTES BURNING TIME

K870	SMOKE POT, AN-M7 , FLOATING W/FUEL AND SGF2 FOG OIL, W/O FUZE, 8 TO 13 MINUTES BURNING TIME
K873	SMOKE POT, AN-M7 , FLOATING W/FUEL, W/O FUZE OR SGF2 FOG OIL, 8 TO 13 MINUTES BURNING TIME
K874	SMOKE POT, MK 3-0 , GROUND TYPE W/IGNITER AND HC SMOKE MISTURE, 5 TO 6 MINUTES BURNING TIME
K885	FUZE, SMOKE POT, M208 MECHANICAL, 8 TO 20 SEC TIME DELAY
K886	FUZE, SMOKE POT, M209 ELEC TYPE
K917	FUEL THICKENER M4
L116	SIG KIT PERSONNEL DIST RED M185
L117	SIG KIT PERSONNEL DIST MULTI M186
L119	SIG KIT PERSONNEL DISTRESS FOL PENT
L145	PHOTOFLASH PRAC M112A1
L225	SIGNAL, ILLUMINATION, A/C, AN-M37A2 , DOUBLE STAR, RED-RED
L226	SIGNAL, ILLUMINATION, A/C, AN-M38 , DOUBLE STAR, YELLOW-YELLOW
L227	SIGNAL, ILLUMINATION, A/C, AN-M39A2 , DOUBLE STAR, GREEN-GREEN
L228	SIGNAL ILLUM AIRCRAFT DOUBLE STAR
L231	SIGNAL ILLUM AIRCRAFT SINGLE STAR AN/M43A1 A2 RED
L232	SIGNAL ILLUM AIRCRAFT SINGLE STAR AN/M44A1 A2 YELLOW
L233	SIGNAL ILLUM AIRCRAFT SINGLE STAR AN/M45A1 A2 GREEN
L275	SIG SMK AND ILLUM MARINE MK 13-0
L278	SIG ILLUM GROUND RED STAR M187
L279	SIG ILLUM GROUND WHITE STAR M188
L280	SIG ILLUM GROUND GREEN STAR M189
L283	SIG SMK AND ILLUM MARINE MK 124-0
L305	SIG ILLUM GREEN STAR PARA M195
L306	SIG ILLUM RED STAR CLUSTER M158

L307	SIG ILLUM WHITE STAR CLUSTER M159
L310	SIG ILLUM GREEN STAR M19A2 F/ GL
L311	SIG ILLUM RED PARA M126A1
L312	SIG ILLUM WHITE STAR PARA M127
L314	SIG ILLUM GREEN STAR CLUSTER M125
L341	SIGNAL SMOKE GROUND GREEN M167
L342	SIGNAL SMOKE GROUND RED M168
L343	SIGNAL SMOKE GROUND YELLOW M169
L366	SIM PROJ AIRBURST M74A1
L367	SIMULATOR, LAUNCHING, M22, AT, GUIDED MISSILE AND ROCKET (SIMULATES LAW, VIPER, TOW, DRAGON ROCKETS)
L373	SIMULATOR, PROJECTILE AIR BURST, F/DISCHARGER, SMOKE PUFF
L378	DETONATION SIM EXPLOSIVE MK1 MOD-O AND M80
L407	FLARE ACFT PARA MK24/45
L410	FLARE IR COUNTERMEASURE M206
L429	FLARE, DECOY MJU-7/B , F/AN-ALE/40 DISPENSER
L477	FLARE IR TRACKING MK33
L495	FLARE SURFACE TRIP M49A1
L497	FLARE PRAC TRIP M49 SERIES INERT
L506	FUZE WARNING RR RED
L508	FUSEE WARNING RR RED M72
L554	Marker Location Marine.
L592	TOW BLAST SIMULATOR
L594	SIM PROJ GROUND BURST M115A2
L595	SIM PROJ AIRBURST LIQUID SPAL M9
L596	SIMULATOR, FLASH, ARTILLERY, M110 W/SQUIB, COMMERCIAL, S72
L598	SIMULATOR, BOOBYTRAP, EXPL M117, W/ACCESSORIES , 4 NAILS, 1 SPRING EXTENSION, 3 STAPLES, 1-25 FT SPOOL TRIP WIRE
L599	SIMULATOR, BOOBYTRAP, ILLUM, M118, W/ACCESSORIES , C/O 1 SIMULATOR, 1 EXTENSION

	SPRING, 1 SPOOL ASSY, 2 NAILS, 4 STAPLES
L600	SIMULATOR, BOOBYTRAP, EXPL, M119 W/ACCESSORIES
L601	SIMULATOR, HAND GRENADE M116A1/M116E2
L602	SIMULATOR, FLASH, ARTILLERY M21 (FMLY CTG, PYRO, 50 MM, M800, 1310-01-034-1397-B670)
L603	SIM FLASH ART MGT XM24
L605	SIMULATOR ATOMIC EXPLOSION M142 XM142E1
L610	SIMULATOR, HAND GRENADE, MODIFIED M116A1 W/1-2 SEC DELAY FUZE
L621	STARTER FIRE NP3 M2 FILLED W/ INCENDIARY MIXTURE
L709	SIM TARGET HIT M25
L715	SIM AT GUIDED MISSILE M27
L720	SIM TARGET KILL M26
LA06	SIM MAIN TANK GUN M30
LA07	Hoffman.
M023	CHARGE DEMO BLOCK 1-1/4# C4
M024	CHARGE DEMO BLOCK 2# PETN
M026	BANGALORE TORPEDO M1A1
M028	BANGALORE TORPEDO M1A2
M030	CHARGE, DEMOLITION BLOCK , 1/4 LB, TNT, PKG 192 CHARGES W/48 ADAPTER, PRIMING M1A4
M031	CHARGE, DEMOLITION BLOCK W/1/2 LB TNT FBRBD CNTR W/METAL END CLOSURES F/SMALL DEMO, OPERATION, OR BSTR CHARGE F/MAJOR DEMO
M032	CHARGE, DEMOLITION BLOCK , 1 LB TNT
M034	CHARGE, DEMOLITION 8-LB BLOCK TNT
M036	CHG DEMO 2-1/2# M2
M038	CHARGE DEMO BLOCK 2-1/2# C4
M039	CHARGE DEMO CRATERING 40#
M060	CHARGE DEMO ROLL 25# PETN
M078	CAP BLAST ELEC ASSY F/M18A1 MINE

M097	CAP BLAST PRAC NON ELEC
M098	CAP BLAST PRAC ELEC
M130	CAP BLAST ELEC M6
M131	CAP BLAST NON-ELEC M7
M174	CTG IMPULSE
M241	DST EXP M10 1.7 GM
M327	COUPLING BASE
M420	SHAPED CHG 15# COMP B
M421	SHAPED CHG 40# COMP B
M444	DEMO KIT PROJ CHG M157
M448	DET PERC M2A1 8 SEC DELAY
M450	DET PERC M1A2 15 SEC DELAY
M455	DET CORD PETN
M456	DET CORD TYPE-1
M458	DET CORD INERT
M500	CUTTER CTG ACTUATED M21 2 SEC
M541	DET PERC M2A1 8 SEC
M591	MILITARY DYNAMITE M1
M616	FIRING DEVICE DEMO 6-14 MIN
M619	FRNG DEV DEMO M1 DELAY
M621	FRNG DEV DEMO M1 DELAY
M622	FRNG DEV DEMO M1 DELAY
M623	FRNG DEV DEMO M1 DELAY
M626	FRNG DEV DEMO M1A1
M627	FRNG DEV DEMO M5
M629	FRNG DEV DEMO M3
M630	FRNG DEV DEMO M1
M631	FIRING DEVICE DEMO M1, RELEASE
M670	FUSE BLASTING TIME M700
M671	FUSE BLASTING TIME INERT
M680	IGNITION CYLINDER FLAME THROWER M1

M756	CHG DEMO 8 X 2# M37
M757	CHG ASY DEMO 16 X 1-1/4# C4 M183
M766	IGN TIME BLASTING FUSE M60
M767	IGNITER TIME BLASTING FUSE PRAC M77
M832	CHG DEMO SHPD MK74-1
M842	SQUIB ELECTRIC M1 AND M1A1 F
M851	SQUIB ELECTRIC COMM TYPE INSTANT
M900	YSQUIB ELECTRIC
M913	CHG DEMO LINEAR M58 (MICLIC)
M914	CHG DEMO LINEAR PRAC M68
M965	CHG DEMO CRATERING KIT M180
M983	CHG DEMO SHEET ROLL 15 FT
M995	CHG DEMO LINEAR MK86-0
M996	CHG DEMO LINEAR MK87-0
M997	CHG DEMO LINEAR MK88-0
M998	CHG DEMO LINEAR MK89-0
MD73	CTG IMPULSE M796
ML03	FRNG DEV DEMO M142
ML04	CUTTER HE MK23-0
ML05	CUTTER HE MK24-0
ML09	CHARGE, DEMOLITION , SHAPED, FLEXIBLE, LINEAR LEAD SHEATHED 20 GRAINS CH-6 PER FOOT, EACH CHARGE 4-FT LONG
ML10	CHARGE, DEMOLITION , SHAPED, LINEAR, FLEXIBLE SMAL 30 GR/FT
ML11	CHARGE, DEMOLITION , SHAPED, FLEXIBLE, LINEAR, LEAD SHEATHED 40 GRAINS CH-6 PER FT, EACH CHG 4-FT LONG
ML12	CHARGE, DEMOLITION SHAPED, LINEAR FLEXIBLE SMALL 60 GR/F
ML13	CHARGE, DEMOLITION SHAPED, FLEXIBLE, LINEAR, LEAD SHEATHED 75 GRAINS CH-6 PER FT, EACH CHG 4-FT LONG
ML14	CHARGE, DEMOLITION SHAPED, LINEAR, FLEXIBLE

	125 GR/FT
ML15	CHARGE, DEMOLITION SHAPED, FLEXIBLE, LINEAR, LEAD SHEATHED 225 GRAINS CH-6 PER FT, EACH CHG 4-FT LONG
ML16	CHARGE, DEMOLITION SHAPED, LINEAR, FLEXIBLE 300 GR/FT
ML17	CHARGE, DEMOLITION SHAPED FLEXIBLE, LINEAR, LEAD SHEATHED 400 GRAINS CH-6 PER FT, EACH CHG 4-FT LONG
ML18	CHARGE, DEMOLITION SHAPED, LINEAR, FLEXIBLE, 500 GR/FT
ML19	CHARGE, DEMOLITION SHAPED, FLEXIBLE LINEAR, LEAD SHEATHED 600 GRAINS CH-6 PER-FT,EACH CHG 4-FT LONG
ML45	HOLDER BLAST CAP AND SHOCK TUBE
ML47	BLASTING CAP 30 FT M11
MM15	Select LT WT ATTACC MUN.
MM50	CHG DEMO SHAPED CLIP
MN02	BLASTING CAP 500 FT M12
MN03	BLASTING CAP 1000 FT M13
MN06	BLASTING CAP DELAY M14
MN07	BLASTING CAP DELAY M15
MN08	IGNITER TIME BLASTING FUSE M81
MN11	FRNG DEV TIME DELAY XM147
MN26	FIGHTING POSITION EXCAVOTOR
MN27	DEMO RELOAD KIT BLASTING; FPE M301
MN28	SELECTIVE LIGHTWEIGHT ATTACH MUNITIONS
MN35	BLASTING CAP PRAC SHOCK TUBE M11 - FORMERLY MZ21
MN36	BLASTING CAP PRAC SHOCK TUBE M12 - FORMERLY MZ22
MN37	BLASTING CAP PRACTICE DELAY M14 - FORMERLY MZ23
MN38	BLASTING CAP PRACTICE DELAY M15 - FORMERLY MZ24

MN39	CAP BLASTING NON-ELEC 10 FT
MN41	CAP BLASTING NON-ELEC DELAY M18
MN60	IGNITER ELECTRIC MATCH M79
MN68	BOOSTER DEMO 10 FT DET CORD M151
MN69	BOOSTER DEMO 30 FT DET CORD M152
MN75	BOOSTER DEMO CHG PRAC 30 FT
MN86	Dual Nonelectric Blasting Cap Assemble M19.
MN88	Nonelectric Cap M21.
MN90	Nonelectric Cap M23.
N278	FUZE MTSQ M564 W/BOOSTER
N285	FUZE MTSQ M577
N286	FUZE MTSQ M582 W/BOOSTER
N288	FUZE MOF M734
N289	FUZE ET M762
N290	FUZE MTSQ M767
N291	FUZE PROX M732A2
N311	FUZE PD M572
N334	FUZE PD M567 W/O BURSTER
N335	FUZE PD M557
N340	FUZE PD M739
N342	FUZE PD M935
N462	FUZE PROX M514A1A1
N464	FUZE PROX M732
N523	PRIMER PERC M82
N601	FUZE, ELECTRONIC TIME, M724 W/O BSTR
N615	FUZE, PD, MK 66-0 , NOSE, NON-DELAY
N616	FUZE, PD, MK 66-1 , NOSE, NON-DELAY
N618	FUZE POINT DETONATING/DELAY MK 407-1, F/USE IN 3/50 CAL, 76MM AND 5/54 CAL AMMO
N659	FUZE PD/DELAY MK 399-1
N660	FUZE PD M745

NA08	FUZE, MULTI-OPTION M782
PA46	SHILLELAGH PRAC (INERT)
PA49	Patriot.
PA66	GUIDED MISSILE, TOW, BGM-71A, SURF ATTACK
PB18	GUIDED MISSILE, TOW, BTM-71A, PRAC
PB91	GUIDED MISSILE, TOW, BGM-71A-1 , AIR TO SURF , W/RANGE INCREASE OF APPROX 750 YDS
PB92	GUIDED MISSILE, TOW, BGM-71C-1 , AIR TO SURF , IMP WHD
PB93	GUIDED MISSILE, TOW 2, BGM-71D , SURF ATTACK
PB94	GUIDED MISSILE, TOW, BGM-71A-2 , SURF ATTACK , INCLUDES MISSILE ORDNANCE INHIBIT CIRCUIT
PB95	GUIDED MISSILE, TOW, BTM-71A-1 , PRAC W/RANGE INCREASE OF APPROX 750 YDS
PB96	GUIDED MISSILE, TOW, BTM-71A-2 , PRAC, CONTAINS MISSILE ORDNANCE INHIBIT CIRCUIT
PB97	GUIDED MISSILE, TOW, BGM-71A-3 , SURF ATTACK , INCL MISSILE ORDNANCE INHIBIT CIRCUIT
PB98	GUIDED MISSILE, TOW, BGM-71C-1 , TOW, SURF ATTACK, INCL MISSILE ORDNANCE INHIBIT CIRCUIT
PD68	Hellfire Missile.
PL22	GUIDED MISSILE AND LAUNCHER, DRAGON M223 , SURF ATTACK, PRAC
PL23	GUIDED MISSILE AND LAUNCHER, DRAGON, M222 , SURF ATTACK, PRAC
PL34	Javelin Rocket.
PL85	STINGER LAUNCH SIM
PL95	Stinger, WPN RD Partial.
PM80	GUIDED MISSILE AND LAUNCHER, DRAGON II, HEAT, MK 1-0
PV04	GUIDED MISSILE, PRACTICE (TOW)
RAM	Lightweight, quick-reaction, high-firepower, Rolling Airframe missile (RAM).
S111	MINE, ANTIPERSONNEL, ADAM-L M67
S112	MINE, ANTIPERSONNEL, ADAM-S M72

S113	MINE, ANTITANK, HE RAAM-L, M70
S114	MINE, ANTITANK, HE RAAM-S M73
S115	MINE, ANTITANK, HE RAAM-S M173
S116	MINE, BLU92 GATOR
S117	MINE, ANTIPERSONNEL, M43
S118	MINE, ANTIPERSONNEL, M42
S119	MINE, ANTIPERSONNEL, M46
S120	MK118-O, ROCI
S121	MK118-1, ROCI
S122	BLU77/B
S123	BLU77
S124	M43A1
T120	120MM MORTAR W/MOF
T122	120MM MORTAR SMK
T123	120MM MORTAR TNG 1/10 RANGE
T880	81MM MORTAR TNG 1/10 RANGE
T916	105MM DPICM (2D GEN) XM916
T930	120MM MORTAR ILLUM
TBD	to be determined
TOMAHAWK	An air/land/ship/submarine-launched cruise missile w/3 variants: land attack w/conventional, nuclear capability, and tactical anti-ship w/conventional warhead.
VANDAL	MQM-8 Vandal supersonic sea skimming target missiles.
X237	CTG, 9MM Red Dye.
Z124	TEST SET M40 F/ M18A1 MINE
Z132	RELOAD KIT F/M56 TACTICAL
Z133	CTG CHAFF COUNTERMEASURE M1
Z135	RELOAD KIT FOR M132 PRACTICE FO
Z200	RPK-74 Machine Gun.
Z203	AK47 / AKM Ball.
Z204	7.62x39MM Blank.
Z205	DP / DTM / SGM Machine Gun.

Z208	9X18 MM Ball MAKAROV.
Z210	DSHK / M1938 Machine Gun.
Z219	RPG7 GREN Rocket Prop.
Z221	RPG18 GREN Rocket Prop.
UNKNOWN	The type of ordnance is unknown.
OTHER	The type of ordinance is not listed.

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_miltra	Military-Training Area Type	Coded Values
Coded Values		
Code	**Description**	
BIVOUAC_SITE	A temporary encampment (as of soldiers) aera in the open.	
CONFIDENCE	An obstacle course training area.	
HARDENED	Site for training hardened by surface improvement (ex. grading, paving, gravel) or construction of concrete "pads". Can support heavy vehicles and tents.	
LAND	An area continaing a navigation course that can be utilited by vehicles, foot soldiers, or watercraft.	
LEADERSHIP	A training site where units are faced with various challenges and it gauges the unit leaders response to these challenges.	
MILITARY	Areas where military training is conducted. i.e. parade ground, obstacle course, bivouac area.	
NOE	Area and corridors where rotary-wing aircraft can maneuver and train at extremely low altitudes.	
OBSCURANT	An training area where smoke and other obscurants are used or allowed.	
PYRO	An area where the training use of pyrotechnic devices or items is performed.	
SBC_SITE	A smoke, biologicalal or chemical training site, sometimes known as a "gas chamber".	
SLIDE	A specialized (some installations call it a separate) training facility (STF). rope slide that usually ends with solider dropping into water	
WATER	An area where water training is conducted.	

UNKNOWN	The type of training is unknown.
OFF-LIMITS	The area is off-limits to training.
OTHER	The type of training is not listed.

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_cpttyp	Type List – Control Points	List Domain
Coded Values		
Code	**Description**	
FIXED WING	Fixed wing control points	
GROUND	ground	
ROTARY WING	Rotary Wing Control Points	
UNKNOWN	The type of control point is unknown.	
OTHER	The type of control point is not listed.	
INITIAL	A well-defined point, easily distinguishable visually and/or electronically, used as a starting point for a bomb run to a target.	

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_airstt	Transportation-Airfield Status	Coded Values
Coded Values		
Code	**Description**	
ABANDONED	ABANDONED	
ACTIVE	active surface	
CLOSED	closed surface	
LIMITED	Limited operations.	
NONOPERATIONAL	Non-operational.	
OPERATIONAL	Operational (fully).	
TBD	to be determined	
UNDERCONSTRUCT	Planned or under construction	
UNKNOWN	The status of the airfield is unknown.	

OTHER	The status of the airfield is not listed.

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_suruse	Discriminator-Surface Use	Coded Values
Coded Values		
Code	**Description**	
ACCESS_RAMP	Access pavement between maintenance hangars opening to the apron and the apron edge.	
APRON	Apron	
FUELING_AREA	The area for fueling aircraft.	
HARDSTAND	Area for parking a single aircraft; more temporary than a PARKING_AREA.	
HELIPAD	Surfaces on which helicopters takeoff and land	
HOT_CARGO_PAD	Hot Cargo Pad.	
LANDING_STRIP	An unpaved landing area with limited or no refueling facilities.	
OVERRUN	Airfield surfaces at the end of runways used in case of emergencies.	
PARKING_AREA	Area for parking aircraft	
RAMP	Surfaces on which aircraft are parked or staged	
RUNWAY	The major takeoff and landing surfaces of an airfield also includes paved landing strips	
RUNWAY_END	The end of a major takeoff and landing surfaces of an airfield also includes paved landing strips.	
SHLDR_OVERRUN	Any airfield surface adjacent to the main runways/taxiways used in case of emergencies.	
TAXIWAY	Surfaces on which the aircraft move to and from runway surfaces	
TURNAROUND	Area for aircraft to turn around.	
WARMUPHOLDINGPAD	Warm-up Holding Pad.	
UNKNOWN	The use of the surface is unknown.	
OTHER	The use of the surface is not listed.	

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_brgtyp	Transportation – Bridge Type	List Domain

Coded Values	
Code	**Description**
BOX_BEAM_OR_GIRDERS_MULTIPLE	Box Beam or Girders (Multiple)
BXBM_OR_GRDRS_SNGLE_OR_SPRD	Box Beam or Girders (Single or Spread)
COVERED	covered
DRAW	The main portion of the span can be raised or rotated to permit vessels through.
FRAME_EXCEPT_CULVERTS	Frame (Except Culverts)
GIRDER_AND_FLOORBEAM_SYSTEM	girder and floorbeam system
ORTHOTROPIC	orthotropic
OTHER	other
SLAB	slab
STRINGER_MULTIBEAM_OR_GIRDER	Stringer /Multi-Beam or Girder
SUSPENSION	The main portion of the span is suspended from cables or wires
TBD	to be determined
TEE_BEAM	tee beam
TRUSS	The main portion of the span is supported by trusses
TRUSS_DECK	truss deck
TRUSS_THRU	truss thru
UNCLASSIFIED	unclassified
UNKNOWN	unknown

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_morfac	Discriminator-Mooring Facility	Coded Values

Coded Values	
Code	**Description**
ACCESS_RAMP	Access Ramp from mooring facility
BREAKWATER	Breakwater
FENDER	Fender
GENERAL	A facility, other than a pier or wharf, used to tie up vessels alongside the shore.
GROYNE	Groyne
LANDING_STEPS	Landing Steps
LOG_RAMP	Log Ramp
MOLE	Mole
OPEN_FACE_WHARF	Open Face Wharf
PIER	A fixed structure, usually perpendicular to the shoreline, used to tie-up vessels.
PROMENADE_PIER	Promenade Pier
RAMP	Ramp
REVETMENT	Revetment
RIP_RAP	Rip Rap
SEA_WALL	Sea Wall
SLIPWAY	Slipway
SOLID_FACE_WHARF	Solid Face Wharf
TRAINING_WALL	Training Wall
WHARF	A fixed structure, usually parallel to the shoreline, used to tie-up vessels.
UNKNOWN	The type of mooring is unknown.
OTHER	The type of mooring is not listed.

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_brgdis	Discriminator-Bridge	Coded Values
Coded Values		
Code	**Description**	

AQUEDUCT	Aqueduct
BASCULE_BRIDGE	Bascule Bridge
BXBM_GRDRS_MULTI	Box Beam or Girders (Multiple)
BXBM_GRDRS_SNGL	Box Beam or Girders (Single or Spread)
COVERED	Covered
DRAWBRIDGE	drawbridge
FIXED_BRIDGE	Fixed Bridge
FRAME_EXCPT_CULV	Frame (Except Culverts)
GIRDER_FLOORBEAM	Girder and floorbeam system
LIFTING_BRIDGE	Lifting Bridge
OPENING_BRIDGE	Opening Bridge
ORTHOTROPIC	Orthotropic
OTHER	all types other than drawbridges
PONTOON_BRIDGE	Pontoon Bridge
SLAB	Slab
STRNGR_MULTIBM	Stringer /Multi-Beam or Girder
SUSPENSION_BRDG	The main portion of the span is suspended from cables or wires
SWING_BRIDGE	Swing Bridge
TEE_BEAM	Tee Beam
TRANSPORTER_BRDG	Transporter Bridge
TRUSS	The main portion of the span is supported by trusses
TRUSS_DECK	Truss Deck
TRUSS_THRU	Truss Thru
UNCLASSIFIED	Unclassified
VIADUCT	Viaduct
UNKNOWN	The type of bridge is unknown.

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_dpobj	Disposition List-Object	Coded Values

Coded Values	
Code	**Description**
ABANDONED	abandoned in place (not in use)
BURIED	buried
IN_SERVICE	In service and being used.
INCOMPLETE	incomplete or unfinished
NATURAL	Natural.
OTHER	other
PERMANENT	permanent
PROPOSED	proposed
RETIRED	Permanently retired, or taken out of service.
TBD	to be determined
TEMPORARY	temporary
UNKNOWN	unknown

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_rsttyp	Type List-Railroad Status Code	List Domain
Coded Values		
Code	**Description**	
ABANDONED	abandoned	
ACTIVE_MULTIPLE	Active multiple tracks	
ACTIVE_SINGLE	active single track	
DISMANTLED	abandoned and dismantled	
UNDERCONST	under construction	
UNKNOWN	The status is unknown.	
OTHER	The status is not listed.	

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_rrvol	Transportation – Railroad Volume	List Domain

Coded Values	
Code	**Description**
0	0 cars
100_299	100-299 cars
25_99	25-99 cars
5_24	5-24 cars
LESS_THAN_5	less than 5 cars
MORE_THAN_300	300 or more cars
TBD	to be determined
UNKNOWN	unknown

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_rodtyp	Discriminator-Transport Cat	Coded Values
Coded Values		
Code	**Description**	
PRIMARY	Main Transportation Artery. Typically always paved.	
SECONDARY	Secondary transportation routes which typically are the residential streets and unpaved roads.	
TERTIARY	Unpaved trails	
UNKNOWN	The priority is unknown.	
OTHER	The priority is not listed.	

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_drdfet	Discriminator-Road Feature	Coded Values
Coded Values		
Code	**Description**	
MISCELLANEOUS	any miscellaneous point road feature	
SIGN	Sign.	
TRAF_LIGHT	any lighted signal used to control or direct traffic	

TRAFFIC_BARRIER	Temporary or permanent barrier to flow of traffic. Used for directing or limiting traffic on a roadway.
TRAFFIC_COUNTER	A mechanical or electronic device used for measuring the number of vehicles crossing the counter.
UNKNOWN	The type of feature is unknown.
OTHER	The type of feature is not listed.

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_pavstt	Discriminator-Pavement Surface	Coded Values

Coded Values	
Code	**Description**
PAVED	The road has a concrete or other paved surface
UNPAVED	The road has no constructed or prepared surface
UNKNOWN	The paving status is unknown.
OTHER	The paving status is not listed.

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_trnmat	Transportation-Surface Material	List Domain

Coded Values	
Code	**Description**
2SURFACTREAT	double surface treatment
AC	asphaltic concrete
AC_PC	asphalt over concrete overlay
ASPHLCONC	asphaltic concrete
BBM	bitumen bond macadam
BEDROCK	bedrock
BITUMEN_TAR_ASP	Bituminous Tar or Asphalt, mixed in place, oil or bitumen - bound.
BRICK	brick
CEMENT	cement

CHIPPEDSEAL	chipped seal
CINDERS	cinders
CLAY	clay
COAL	coal
COMPOSITE	Composite.
CONCRETE	concrete
CORAL	coral
CRUSHSTONE	crushed stone
EARTH	earth
FOGSEAL	fog seal
GEOFAB	geofabric
GLASS_REIN_PLAS	Glass Reinforced Plastic
GRADED_DRAIN	graded and drained
GRASS	grass
GRAVEL	gravel
HARD_SURFACED	Hard Surfaced - specific surface unspecified
ICE	ice
LATERITE	laterite
LIMESTN	limestone
LOOSE_BOULDERS	Loose Boulders
LOWBITUMEN	low bituminous
MASONRY	MASONRY
MEDBITUMEN	medium bituminous
METAL	Metal - specific type unspecified
METALPORTAB	metal portable runway
OIL_CLAY	oil and clay
OTHER	other
PAINTED	Painted
PIERCALPLANK	pierced aluminum plank
PIERCSTEELPL	pierced steel planking
PLANTMIXBIT	plant mix bit

PLANTMIXSEAL	plant mix seal coat
PORTLDCEMENT	portland cement
RECYCLBITMEN	recycled bituminous
REINFORCONCR	reinforced concrete
SALTFLAT	saltflat
SAND	sand
SAND_ASPHALT	sand and asphalt
SAND_CLAY	sand and clay
SAND_OIL	sand and oil
SILT	silt
SLURRYSEAL	slurry seal
SNOW	snow
SOD	sod
SOILCEMENT	Mix-In-Place using non-bituminous binders such as Portland Cement -- also referred to as soil cement.
STONEMASTIC	stone mastic
SURFACTREAT	single surface treatment
TBD	to be determined
TUNDRA	tundra
UNIMPROVED	unimproved
UNKNOWN	unknown
VOLC_ASH	volcanic ash
WATER	water
WIRE_COMB	wire combined
WOOD	wood

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_weathr	Env – Weather Description	List Domain
Coded Values		
Code	**Description**	

CLEAR	CLEAR
CLOUDY	CLOUDY
COLD	COLD
DRY	DRY
FOGGY	FOGGY
HAZY	HAZY
HOT	HOT
HUMID	HUMID
RAINY	RAINY
SLEET	SLEET
SNOWY	SNOWY
STORMY	STORMY
SUNNY	SUNNY
WINDY	WINDY
OTHER	The type of weather is not listed.
UNKNOWN	The type of weather is unknown.

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_prkuse	Transportation-Parking Use	Coded Values
Coded Values		
Code	**Description**	
CENTRALIZED	an area for temporary vehicle parking due to heightened security levels.	
COMBINED	Parking is for multiple facilities.	
HOSPITAL	Parking is for medical or hospital facilities.	
HUNTING	Hunting	
OFFICE_WORK	Parking is for office or work facilities	
RECREATION	Parking is for recreation facilities.	
SHOPPING	Parking is for shopping facilities.	
TBD	to be determined	

UNKNOWN	unknown
OTHER	The use is not listed.

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_vehtyp	Transportation – Vehicle Type	List Domain
Coded Values		
Code	**Description**	
GOV	Areas that contain government owned vehicles only.	
POV	Areas that contain privately owned vehicles.	
OTHER	The type of vehicle is not listed.	
UNKNOWN	The type of vehicle is unknown.	

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_dcbl	Discriminator-Electrical Cable	Coded Values
Coded Values		
Code	**Description**	
ABANDONED	abandoned/inactive	
AIRFIELD_UG	Underground Airfield Cable	
PRIMARY_OH	primary overhead	
PRIMARY_UG	primary underground	
PRIMARY_UG_DB	Underground primary electrical cable installed direct burial (i.e., without conduit).	
PRIMARY_UG_ENC	Underground primary electrical cable installed in conduit.	
SECONDARY_OH	secondary overhead	
SECONDARY_UG	secondary underground	
SECONDARY_UG_DB	Underground secondary electrical cable installed direct burial (i.e., without conduit).	
SECONDARY_UG_ENC	Underground secondary electrical cable installed in conduit.	

SENSOR	Sensor Type Cable.
SERVICE_OH	service overhead
SERVICE_UG	service underground
SERVICE_UG_DB	Underground service electrical cable installed direct burial (i.e., without conduit).
SERVICE_UG_ENC	Underground service electrical cable installed in conduit.
UNKNOWN	The type of cable line is unknown.
ABANDONED	abandoned/inactive
AIRFIELD_UG	Underground Airfield Cable
PRIMARY_OH	primary overhead
PRIMARY_UG	primary underground
PRIMARY_UG_DB	Underground primary electrical cable installed direct burial (i.e., without conduit).
PRIMARY_UG_ENC	Underground primary electrical cable installed in conduit.
SECONDARY_OH	secondary overhead
SECONDARY_UG	secondary underground
SECONDARY_UG_DB	Underground secondary electrical cable installed direct burial (i.e., without conduit).
SECONDARY_UG_ENC	Underground secondary electrical cable installed in conduit.
SENSOR	Sensor Type Cable.
SERVICE_OH	service overhead
SERVICE_UG	service underground
SERVICE_UG_DB	Underground service electrical cable installed direct burial (i.e., without conduit).
SERVICE_UG_ENC	Underground service electrical cable installed in conduit.
OTHER	The type of electrical cable line is not listed.

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_delemh	Discriminator-Electric Manhole	Coded Values
Coded Values		
Code	**Description**	

HANDHOLE	handhole
JUNCTION_BOX	junction box
MANHOLE	manhole
PULL_BOX	pull box
UNKNOWN	The type of electrical junction is unknown.
OTHER	The type of electrical junction is not listed.

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_dtbkmt	Discriminator-Electric Tranbnk	Coded Values

Coded Values	
Code	**Description**
CEILING_MOUNTED	Ceiling mounted.
PAD_MOUNTED	pad mounted transformer bank
POLE_MOUNTED	pole mounted transformer bank
WALL_MOUNTED	Wall mounted
UNKNOWN	The type of mount is unknown.
OTHER	The type of mounting is not listed.

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_fulpip	Discriminator-Fuel Pipe	Coded Values

Coded Values	
Code	**Description**
ABANDONED	abandoned/inactive pipe
DEFUELING	defueling line
MAIN	main line
SERVICE	building/facility service
VENT	vent line
UNKNOWN	The type of fuel line is unknown.
OTHER	The type of fuel line is not listed.

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_gaspip	Discriminator-Natural Gas Pipe	Coded Values
Coded Values		
Code	**Description**	
ABANDONED	abandoned line	
MAIN	main line	
SERVICE	service line	
VENT	vent line	
UNKNOWN	The type of natural gas line is unknown.	
OTHER	The type of natural gas line is not listed.	

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_dgasvl	Discriminator-Gas Valve	Coded Values
Coded Values		
Code	**Description**	
DRIP_POT	drip pot	
TAP	line tap	
VALVE	valve	
UNKNOWN	The type of natural gas valve is unknown.	
OTHER	The type of natural gas valve is not listed.	

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_dgasmh	Discriminator-Nat Gas Manhole	Coded Values
Coded Values		
Code	**Description**	
JUNCTION_BOX	junction box	
MANHOLE	manhole	

VALVE_PIT	valve pit
VENT_PIT	vent pit
UNKNOWN	The type of junction is unknown.
OTHER	The type of natural gas line is not listed.

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_polety	Type List-Pole/Tower	Coded Values
Coded Values		
Code	**Description**	
DOUBLE PRECISION_POL	Double Precision pole	
OTHER	other	
POLE	pole	
RISER_POLE	riser pole	
TBD	to be determined	
TOWER	tower	
UNKNOWN	unknown	

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_isgate	Discriminator-Culvert	Coded Values
Coded Values		
Code	**Description**	
GATED	The culvert is equipped with gates to block or divert water flow.	
NONGATED	The culvert contains no provision to block or divert water flow.	
UNKNOWN	The type of gate is unknown.	
OTHER	The type of gate is not listed.	

Domain Properties		
Domain Name	**Description**	**Domain Type**

d_dpipe	Discriminator-Pipe	Coded Values
Coded Values		
Code	**Description**	
ABANDONED	abandoned/inactive pipe	
FM	force main	
MAIN	main line	
SERVICE	building/facility service	
UNKNOWN	The type of storm sewer line is unknown.	
OTHER	The type of storm sewer line is not listed.	

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_dstomh	Discriminator-Storm Manhole	Coded Values
Coded Values		
Code	**Description**	
JUNCTION_BOX	junction box	
MANHOLE	manhole	
UNKNOWN	The type of junction is unknown.	
OTHER	The type of junction is not listed.	

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_efdchg	Type List-Effluent Discharge	Coded Values
Coded Values		
Code	**Description**	
DRAIN	drainage field	
OFF_SITE	off site, off base, out of system	
OPEN	open discharge point	
OTHER	other	
OVERFLOW	overflow	
SURFACE	open discharge to surface	

TBD	to be determined
UNKNOWN	unknown

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_dhcpip	Discriminator-HCS Pipe	Coded Values
Coded Values		
Code	**Description**	
ABANDONED	Abandoned/inactive hcs-water line.	
CHW_M	Chilled Water Main: water less than 45 deg. F.	
CHW_S	Chilled Water Service: water less than 45 deg. F.	
DRAIN	Drain	
DTW_M	Dual Temperature Main Service Supply	
DTW_S	Dual Temperature Building Service Supply	
HPDRIP	High Pressure Drip	
HTW_M	High Temperature Water Main: water greater that 250 deg. F	
HTW_S	High Temperature Water Service: water greater that 250 deg. F	
LTW_M	Low Temperature Water Main: water less than 250 deg. F.	
LTW_S	Low Temperature Water Service: water less than 250 deg. F.	
RET_CHW_M	Chilled Water Main Return: water less than 45 deg. F.	
RET_CHW_S	Chilled Water Service Return: water less than 45 deg. F.	
RET_DTW_M	Dual Temperature Main Service Return	
RET_DTW_S	Dual Temperature Building Service Return	
RET_HTW_M	High Temperature Water Main Return: water greater that 250 deg. F	
RET_HTW_S	High Temperature Water Service Return: water greater that 250 deg. F	
RET_LTW_M	Low Temperature Water Main Return: water less than 250 deg. F.	
RET_LTW_S	Low Temperature Water Service Return: water less than 250 deg. F.	
RET_S_M	Steam Main Return	

RET_S_S	Steam Service Return
RETURN	Miscellaneous Return Line
S_M	Steam Main
S_S	Steam Service
UNKNOWN	The use is unknown.
OTHER	The use is not listed.

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_piprod	Utility-Pipeline Product	Coded Values

Coded Values	
Code	**Description**
AA	Anhydrous Ammonia
CHEMICALS	Chemicals - type unspecified
CO2	Carbon Dioxide
CRD	Crude or unprocessed oil.
EMP	empty
GAS	Gas - type not specified
HG	Hydrogen Gas
HVL	Highly Volatile Liquid
LPG	Liquefied Petroleum Gas
NG	Natural Gas
NGL	Natural Gas Liquids
PRD	Product is not known.
WATER	Water - potable or otherwise.
UNKNOWN	The type of pipeline is unknown.
OTHER	The type of pipeline is not listed.

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_dwwtln	Discriminator-Wastewater Line	Coded Values

Coded Values	
Code	**Description**
ABANDONED	abandoned/inactive pipe
FM	force main
MAIN	main line
OVERFLOW	directs excessive wastewater to another location
SERVICE	building/facility service
SLUDGE	Sludge.
UNKNOWN	The type of line is unknown.
OTHER	The type of line is not listed.

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_dwwtmh	Discriminator-Waste Manhole	Coded Values
Coded Values		
Code	**Description**	
DISTRIB_BOX	distribution box	
JUNCTION_BOX	junction box	
MANHOLE	manhole	
UNKNOWN	The type of junction is unknown.	
OTHER	The type of junction is not listed.	

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_watpip	Discriminator-Water Pipe	Coded Values
Coded Values		
Code	**Description**	
ABANDONED	abandoned/inactive pipe	
FIRE	fire protection	
MAIN	main line	
RAW_WATER	raw water line	

SERVICE	building/facility service
SIPHON	siphon line used to transport water
SPRINKLER	sprinkler head
UNKNOWN	The type of water line is unknown.
OTHER	The type of water line is not listed.

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_dvlv	Discriminator-Valve	Coded Values
Coded Values		
Code	**Description**	
BACKFLOW	backflow preventer	
BLOW_OFF	a blow-off valve	
CHECK	Check Valve.	
GATE	Gate Valve	
GLOBE	Globe Valve	
POSTINDICATOR	post indicator gate valve	
PRV	Pressure Reducing Valve	
TAP	line tap	
VALVE	valve	
UNKNOWN	The type of valve is unknown.	
OTHER	The type of valve is not listed.	

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_dwatmh	Discriminator-Water Manhole	Coded Values
Coded Values		
Code	**Description**	
JUNCTION_BOX	junction box	
MANHOLE	manhole	

VALVE_PIT	valve pit
UNKNOWN	The type of junction is unknown.
OTHER	The type of junction is not listed.

Domain Properties		
Domain Name	**Description**	**Domain Type**
d_dhydnt	Discriminator-Hydrant	Coded Values
Coded Values		
Code	**Description**	
FAUCET	faucet	
HYDRANT	hydrant	
SPRINKLER	sprinkler head	
UNKNOWN	The type of water hydrant is unknown.	
OTHER	The type of water hydrant is not listed.	