Features and Attributes Summary

This report lists features by label and type. It includes the feature defintion, and then a list of the attributes assigned to the feature. Feature names that are in italics are extensions to the data dictionary.

Feature	Definition

AdministrativeBoundary (Line 00)   **Administrative Boundary**

Attribute Set   **A boundary between administratively controlled regions.**

BGN Administrative Level	Boundary Dispute Type	Boundary Representation Policy	Boundary Status
Controlling Authority	*Feature Code*	Full Name	Full Name
Geopolitical Line Type	Horizontal Accuracy Category	Length	Maritime Geopolitical Limit Type
Memorandum	Name Identifier	Name Identifier	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Unique Entity Identifier			

AdministrativeDivision (Area 00)   **Administrative Division**

Attribute Set   **A subordinate administrative division (for example: a (US) state, a (UK) county, a (US) township, a (CA) province, a (FR) arrondissement, a (CH) canton, a (GE) laender and a (FR) commune) of a geopolitical entity (for example: a State).   [Description] Geopolitical entities are generally divided into first-, second- and lower-order administrative divisions. With only minor exceptions (for example: Egypt-Sudan and Kenya-Sudan), the boundaries of these administrative divisions are contiguous with international boundaries. In rarer instances, the boundaries of these administrative divisions serve in lieu of international boundaries (for example: Ethiopia-Somalia and the former Oman-UAE boundaries).**

Area	BGN Administrative Level	Controlling Authority	*Feature Code*
Full Name	Horizontal Accuracy Category	Memorandum	Name Identifier
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Special Administrative Unit	Specified Enumerant(s)	Unique Entity Identifier	

AerationBasin (Area 00)   **Aeration Basin**

Attribute Set   **A basin, usually artificial, in which air is mixed with partially treated wastewater.   [Description] The water is treated with microorganisms to consume organic materials and convert suspended solids to settleable solids that are later collected by a settling pond and removed as sludge.**

Area	*Arsenic Concentration*	*Chloride Concentration*	*Coliform Concentration*
Cyanide Concentration	Facility Operational Status	*Feature Code*	Full Name
Length	*Magnesium Concentration*	Memorandum	Name Identifier
Navigation Landmark	*pH of Water*	*Physical Condition Of Facility*	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Sulfate Concentration	*Temperature*	*Total Dissolved Solids*	*Turbidity*
Unique Entity Identifier	Volume	*Water Conductivity*	*Water Hardness*
Water Type	Width		

Aerial (Point 00)   **Aerial**

Attribute Set   **A device that is used for emitting and/or sensing electromagnetic energy.   [Description] For example, used to transmit and/or receive electronic signals as on a radio tower or to capture electromagnetic energy as in radio astronomy.**

Feature

Definition

Aeronautical Obstacle Light Present	Angle of Orientation	Controlling Authority	Facility Operational Status
Feature Code	Full Name	Height Above Surface Level	Height of Object
Highest Elevation	Memorandum	Name Identifier	Navigation Landmark
Physical Condition Of Facility	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	Supported	Unique Entity Identifier
Vertical Obstruction Identifier	Wireless Telecommunication Type		

AerialFarm (Area 00)

Aerial Farm

Attribute Set

A collection of aerials that are collocated and serve a common purpose.   [Description] They may be organized either to function as a single larger virtual device (for example: a phased array) or function relatively independently of each other (for example: pointed in different directions and operating at different frequencies as at a satellite communication ground station).

Address	Area	Facility Operational Status	*Feature Code*
Feature Function	Full Name	Height Above Surface Level	Highest Elevation
Length	Memorandum	Name Identifier	Navigation Landmark
Physical Condition Of Facility	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier	Width

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AerialFarm (Point 00)

Aerial Farm

Attribute Set

A collection of aerials that are collocated and serve a common purpose.   [Description] They may be organized either to function as a single larger virtual device (for example: a phased array) or function relatively independently of each other (for example: pointed in different directions and operating at different frequencies as at a satellite communication ground station).

Address	Area	Facility Operational Status	*Feature Code*
Feature Function	Full Name	Height Above Surface Level	Highest Elevation
Length	Memorandum	Name Identifier	Navigation Landmark
Physical Condition Of Facility	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier	Width

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AerodromeBeacon (Point 00)

Aerodrome Beacon

Attribute Set

A beacon used to indicate the location of an aerodrome from the air.   [Description] Aerodrome beacons may consist of either a rotating light source or a strobe light.

Aerodrome Identifier	Character of Light	Conspicuous Sea Category	Controlling Authority
Facility Operational Status	*Feature Code*	Full Name	Height Above Surface Level
Highest Elevation	Light Characteristic Number	Light Visibility	Memorandum
Name Identifier	Navigation Light Characteristic	Period of Light	*Physical Condition Of Facility*
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Unique Entity Identifier	Vertical Obstruction Identifier	

AeronauticCrv (FeatureGroup 00)

AeronauticCrv

Attribute Set

A collection of features specifically designed and constructed for landing, accommodating, and launching military and/or civilian aircraft, rockets, missiles and/or spacecraft.

AeronauticPnt (FeatureGroup 00)

AeronauticPnt

Attribute Set

A collection of features specifically designed and constructed for landing, accommodating, and launching military and/or civilian aircraft, rockets, missiles and/or spacecraft.

Feature	Definition

AeronauticSrf (FeatureGroup 00)

Attribute Set

AeronauticSrf

A collection of features specifically designed and constructed for landing, accommodating, and launching military and/or civilian aircraft, rockets, missiles and/or spacecraft.

AeroNavaid (Point 00)

Attribute Set

Aeronautical NAVAID

Any visual or electronic device that provides aeronautical guidance information or position data.

Aerodrome Identifier	Aeronautical Miscellaneous Function Category	Aeronautical Obstacle Light Present	Aeronautical Radio Navigation Service Name
Aeronautical Route Category	Aeronautical Service Operational Status	Angle of Orientation	Area
Base Elevation	Broadcast Frequency	Channel Number	Characters Emitted
Collection	Commissioned Status	DIAM Functional Classification	Directivity
Facility Operational Status	*Feature Code*	Feature Count	Frequency Protection Altitude
Frequency Protection Distance	Full Name	Glide Slope Angle	Height Above Surface Level
Highest Elevation	ICAO Location Indicator	Length	Location Referenced to Shoreline
Magnetic Variation	Memorandum	Name Identifier	NAVAID Class
NAVAID Key	NAVAID Power	Navigation System Type	Permanent
Physical Condition Of Facility	Primary Operating Range	Radar Antenna Configuration	Radar Significance
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Runway Designator	Slaved Variation	Specified Enumerant(s)	Structural Material Type
Supported	Unique Entity Identifier	Vertical Obstruction Identifier	Vertical Relative Location
Width			

AgriculturePnt (FeatureGroup 00)

Attribute Set

AgriculturePnt

A collection of features involved with the raising of crops and animals, for food and non-food purposes.

AgricultureSrf (FeatureGroup 00)

Attribute Set

AgricultureSrf

A collection of features involved with the raising of crops and animals, for food and non-food purposes.

AircraftHangar (Area 00)

Attribute Set

Aircraft Hangar

A building for housing aircraft.

Address	Aeronautical Obstacle Light Present	Angle of Orientation	Area
Attached Building	Controlling Authority	Facility Operational Status	*Feature Code*
Feature Function	Full Name	Hangar Type Category	Height Above Surface Level
Highest Elevation	Horizontal Accuracy Category	Length	Memorandum
Name Identifier	Navigation Landmark	*Physical Condition Of Facility*	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Roof Shape
Specified Enumerant(s)	Unique Entity Identifier	Vertical Construction Material	Vertical Obstruction Identifier
Width			

AircraftHangar (Point 00)

Attribute Set

Aircraft Hangar

A building for housing aircraft.

Feature

Definition

Address	Aeronautical Obstacle Light Present	Angle of Orientation	Area
Attached Building	Controlling Authority	Facility Operational Status	*Feature Code*
Feature Function	Full Name	Hangar Type Category	Height Above Surface Level
Highest Elevation	Horizontal Accuracy Category	Length	Memorandum
Name Identifier	Navigation Landmark	*Physical Condition Of Facility*	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Roof Shape
Specified Enumerant(s)	Unique Entity Identifier	Vertical Construction Material	Vertical Obstruction Identifier
Width			

AircraftRevetment (Line 00)

Aircraft Revetment

Attribute Set

A barricade that protects an aircraft, equipment, and/or facility from hostile action.

Area	Delineation Known	Facility Operational Status	*Feature Code*
Full Name	Height Above Surface Level	Highest Elevation	Length
Memorandum	Name Identifier	*Physical Condition Of Facility*	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Structural Material Type	Unique Entity Identifier	Usable Length	Width

Amphitheatre (Area 00)

Amphitheatre

Attribute Set

A small tract of level ground serving as a stage that is surrounded by rising slopes (either naturally occurring or artificially constructed) supporting tiered seating (for example: benches).   [Description] Generally oval or circular in overall shape and typically used for live theatrical presentations, concerts, opera or dance productions, cinema, and/or other stage productions.

Address	Area	Facility Operational Status	*Feature Code*
Full Name	Height Above Surface Level	Highest Elevation	Length
Memorandum	Name Identifier	Navigation Landmark	*Physical Condition Of Facility*
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Unique Entity Identifier	Width	

Amphitheatre (Point 00)

Amphitheatre

Attribute Set

A small tract of level ground serving as a stage that is surrounded by rising slopes (either naturally occurring or artificially constructed) supporting tiered seating (for example: benches).   [Description] Generally oval or circular in overall shape and typically used for live theatrical presentations, concerts, opera or dance productions, cinema, and/or other stage productions.

Address	Area	Facility Operational Status	*Feature Code*
Full Name	Height Above Surface Level	Highest Elevation	Length
Memorandum	Name Identifier	Navigation Landmark	*Physical Condition Of Facility*
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Unique Entity Identifier	Width	

AmusementPark (Area 00)

Amusement Park

Attribute Set

A predominantly man-made facility equipped with recreational devices.

Address	Area	Facility Operational Status	*Feature Code*
Feature Function	Full Name	Height Above Surface Level	Highest Elevation
Length	Memorandum	Name Identifier	Navigation Landmark
Physical Condition Of Facility	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier	Width

AmusementPark (Point 00)

Amusement Park

Attribute Set

A predominantly man-made facility equipped with recreational devices.

Feature

Definition

Address	Area	Facility Operational Status	*Feature Code*
Feature Function	Full Name	Height Above Surface Level	Highest Elevation
Length	Memorandum	Name Identifier	Navigation Landmark
Physical Condition Of Facility	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier	Width

AmusementParkAttraction (Area 00)

Amusement Park Attraction

Attribute Set
A large structure located in an amusement park.

Aeronautical Obstacle Light Present	Amusement Attraction Type	Area	Facility Operational Status
Feature Code	Full Name	Height Above Surface Level	Highest Elevation
Length	Memorandum	Name Identifier	Navigation Landmark
Physical Condition Of Facility	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier	Vertical Obstruction Identifier
Width			

AmusementParkAttraction (Line 00)

Amusement Park Attraction

Attribute Set
A large structure located in an amusement park.

Aeronautical Obstacle Light Present	Amusement Attraction Type	Area	Facility Operational Status
Feature Code	Full Name	Height Above Surface Level	Highest Elevation
Length	Memorandum	Name Identifier	Navigation Landmark
Physical Condition Of Facility	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier	Vertical Obstruction Identifier
Width			

AmusementParkAttraction (Point 00)

Amusement Park Attraction

Attribute Set
A large structure located in an amusement park.

Aeronautical Obstacle Light Present	Amusement Attraction Type	Area	Facility Operational Status
Feature Code	Full Name	Height Above Surface Level	Highest Elevation
Length	Memorandum	Name Identifier	Navigation Landmark
Physical Condition Of Facility	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier	Vertical Obstruction Identifier
Width			

Anchor (Point 00)

Anchor

Attribute Set
Device normally placed on the sea bottom and attached to a cable or rope used to position a vessel, boat, or any other floating structure.

Facility Operational Status	*Feature Code*	Full Name	Memorandum
Name Identifier	*Physical Condition Of Facility*	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier

Anchorage (Area 00)

Anchorage

Attribute Set
An area where vessels anchor or may anchor.

Area	Facility Operational Status	*Feature Code*	Full Name
Hydrographic Depth	Memorandum	Name Identifier	*Physical Condition Of Facility*
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Unique Entity Identifier		

Feature

Definition

Anchorage (Point 00)

Anchorage

Attribute Set

An area where vessels anchor or may anchor.

Area	Facility Operational Status	*Feature Code*	Full Name
Hydrographic Depth	Memorandum	Name Identifier	*Physical Condition Of Facility*
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Unique Entity Identifier		

AnnotatedLocation (Area 00)

Annotated Location

Attribute Set

A location at which text pertaining to that location is annotated.   [Description] For example, a characteristic or activity pertaining to the location may be described.

Arsenic Concentration	Average Water Depth	*Chloride Concentration*	*Coliform Concentration*
Cyanide Concentration	*Feature Code*	Full Name	Geographic Name Type
Hydrologic Persistence	*Least Depth Below Surface*	*Magnesium Concentration*	Memorandum
Name Identifier	*pH of Water*	Predominant Average Water Velocity	Predominant Maximum Water Depth
Predominant Maximum Water Velocity	Predominant Minimum Water Depth	Predominant Minimum Water Velocity	Predominant Water Depth
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	*Sulfate Concentration*	*Temperature*	*Total Dissolved Solids*
Turbidity	Unique Entity Identifier	*Water Conductivity*	*Water Hardness*
Water Potability	Water Type		

AnnotatedLocation (Line 00)

Annotated Location

Attribute Set

A location at which text pertaining to that location is annotated.   [Description] For example, a characteristic or activity pertaining to the location may be described.

Arsenic Concentration	Average Water Depth	*Chloride Concentration*	*Coliform Concentration*
Cyanide Concentration	*Feature Code*	Full Name	Geographic Name Type
Hydrologic Persistence	*Least Depth Below Surface*	*Magnesium Concentration*	Memorandum
Name Identifier	*pH of Water*	Predominant Average Water Velocity	Predominant Maximum Water Depth
Predominant Maximum Water Velocity	Predominant Minimum Water Depth	Predominant Minimum Water Velocity	Predominant Water Depth
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	*Sulfate Concentration*	*Temperature*	*Total Dissolved Solids*
Turbidity	Unique Entity Identifier	*Water Conductivity*	*Water Hardness*
Water Potability	Water Type		

AnnotatedLocation (Point 00)

Annotated Location

Attribute Set

A location at which text pertaining to that location is annotated.   [Description] For example, a characteristic or activity pertaining to the location may be described.

Arsenic Concentration	Average Water Depth	*Chloride Concentration*	*Coliform Concentration*
Cyanide Concentration	*Feature Code*	Full Name	Geographic Name Type
Hydrologic Persistence	*Least Depth Below Surface*	*Magnesium Concentration*	Memorandum
Name Identifier	*pH of Water*	Predominant Average Water Velocity	Predominant Maximum Water Depth
Predominant Maximum Water Velocity	Predominant Minimum Water Depth	Predominant Minimum Water Velocity	Predominant Water Depth
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	*Sulfate Concentration*	*Temperature*	*Total Dissolved Solids*
Turbidity	Unique Entity Identifier	*Water Conductivity*	*Water Hardness*
Water Potability	Water Type		

Feature

Definition

Apron (Area 00)

Apron

Attribute Set

A defined area, on a land aerodrome/heliport, intended to accommodate aircraft/helicopters for purposes of loading and unloading passengers, mail or cargo, and for fuelling, parking or maintenance.

Aerodrome Movement Area Surface Category	Aerodrome Movement Area Surface Composition	Aerodrome Movement Area Surface Preparation Method	Aerodrome Pavement Functional Status
Aerodrome Surface Status	Apron Type	Area	Facility Operational Status
Feature Code	Full Name	Highest Elevation	Length
Memorandum	Name Identifier	*Physical Condition Of Facility*	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Unique Entity Identifier	Width		

AquaticVegetation (Area 00)

Aquatic Vegetation

Attribute Set

A region of waterborne cellular or vascular plants (for example: algae, grasses, reeds, and water hyacinths).   [Description] The vegetation may moored (for example: sea grass and reeds) or floating (for example: sargasso and water hyacinths).

Aquatic Vegetation Cover	Aquatic Vegetation Growth Habit	Area	Bathymetric Measurement Quality Category
Bathymetric Measurement Technique	Dangerous to Navigation	Depth Exposition	Elevation Above Waterbody Floor
Feature Code	Floating	Full Name	Height Above Waterbody Floor
Height of Object	Human Hazard	Hydrographic Depth	Hydrographic Drying Height
Length	Maritime Navigation Marked	Memorandum	Name Identifier
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Sonar-confirmed	Sounding Datum	Sounding Datum Name	Sounding Velocity Correction Method
Specified Enumerant(s)	Uncovering Height Known	Unique Entity Identifier	Vegetation Species
Vessel Draft Correction	Water Level Effect	Width	

AquaticVegetation (Point 00)

Aquatic Vegetation

Attribute Set

A region of waterborne cellular or vascular plants (for example: algae, grasses, reeds, and water hyacinths).   [Description] The vegetation may moored (for example: sea grass and reeds) or floating (for example: sargasso and water hyacinths).

Aquatic Vegetation Cover	Aquatic Vegetation Growth Habit	Area	Bathymetric Measurement Quality Category
Bathymetric Measurement Technique	Dangerous to Navigation	Depth Exposition	Elevation Above Waterbody Floor
Feature Code	Floating	Full Name	Height Above Waterbody Floor
Height of Object	Human Hazard	Hydrographic Depth	Hydrographic Drying Height
Length	Maritime Navigation Marked	Memorandum	Name Identifier
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Sonar-confirmed	Sounding Datum	Sounding Datum Name	Sounding Velocity Correction Method
Specified Enumerant(s)	Uncovering Height Known	Unique Entity Identifier	Vegetation Species
Vessel Draft Correction	Water Level Effect	Width	

Aqueduct (Area 00)

Aqueduct

Attribute Set

A pipe or artificial channel that is designed to transport water from a remote source, usually by gravity, for freshwater supply, agricultural, and/or industrial use.   [Description] It may be supported by a bridge.

Feature

Definition

Above Water Bank Slope	Above Water Bank Slope	Aqueduct Type	Area
Arsenic Concentration	Average Water Depth	Bank Orientation	Bank Orientation
Chloride Concentration	*Coliform Concentration*	Contained within Tunnel	Controlling Authority
Covered Drain	Covered Drain Length	*Cyanide Concentration*	Deck Level
Deepest Depth Below Surface	Facility Operational Status	*Feature Code*	Full Name
Geographic Name Type	Height Above Surface Level	Highest Elevation	Hydrographic Depth
Hydrologic Persistence	*Least Depth Below Surface*	Length	*Magnesium Concentration*
Maximum Water Depth	Memorandum	Name Identifier	Navigation Landmark
Pedestrian Traversable	*pH of Water*	*Physical Condition Of Facility*	Predominant Average Water Velocity
Predominant Maximum Water Depth	Predominant Maximum Water Velocity	Predominant Minimum Water Depth	Predominant Minimum Water Velocity
Predominant Water Depth	Predominant Waterbody Bank Height	Predominant Waterbody Bank Height	Predominant Waterbody Bank Slope
Predominant Waterbody Bank Slope	Relative Level	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Shoreline Delineated	Shoreline Delineated
Shoreline Type	Shoreline Type	Specified Enumerant(s)	*Sulfate Concentration*
Supported by Bridge Span	*Temperature*	Terrain Gap Width	*Total Dissolved Solids*
Turbidity	Unique Entity Identifier	*Water Conductivity*	*Water Flow*
Water Flow Rate Category	*Water Hardness*	Water Potability	*Water Pump Accessibility*
Water Type	*Water Use*	Waterbody Bank Height	Waterbody Bank Height
Waterbody Bank Vegetation Cover	Waterbody Bank Vegetation Cover	Width	

Aqueduct (Line 00)

Aqueduct

Attribute Set

A pipe or artificial channel that is designed to transport water from a remote source, usually by gravity, for freshwater supply, agricultural, and/or industrial use. [Description] It may be supported by a bridge.

Above Water Bank Slope	Above Water Bank Slope	Aqueduct Type	Area
Arsenic Concentration	Average Water Depth	Bank Orientation	Bank Orientation
Chloride Concentration	*Coliform Concentration*	Contained within Tunnel	Controlling Authority
Covered Drain	Covered Drain Length	*Cyanide Concentration*	Deck Level
Deepest Depth Below Surface	Facility Operational Status	*Feature Code*	Full Name
Geographic Name Type	Height Above Surface Level	Highest Elevation	Hydrographic Depth
Hydrologic Persistence	*Least Depth Below Surface*	Length	*Magnesium Concentration*
Maximum Water Depth	Memorandum	Name Identifier	Navigation Landmark
Pedestrian Traversable	*pH of Water*	*Physical Condition Of Facility*	Predominant Average Water Velocity
Predominant Maximum Water Depth	Predominant Maximum Water Velocity	Predominant Minimum Water Depth	Predominant Minimum Water Velocity
Predominant Water Depth	Predominant Waterbody Bank Height	Predominant Waterbody Bank Height	Predominant Waterbody Bank Slope
Predominant Waterbody Bank Slope	Relative Level	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Shoreline Delineated	Shoreline Delineated
Shoreline Type	Shoreline Type	Specified Enumerant(s)	*Sulfate Concentration*
Supported by Bridge Span	*Temperature*	Terrain Gap Width	*Total Dissolved Solids*
Turbidity	Unique Entity Identifier	*Water Conductivity*	*Water Flow*
Water Flow Rate Category	*Water Hardness*	Water Potability	*Water Pump Accessibility*
Water Type	*Water Use*	Waterbody Bank Height	Waterbody Bank Height
Waterbody Bank Vegetation Cover	Waterbody Bank Vegetation Cover	Width	

Aquifer (Area 00)

Aquifer

Attribute Set

An underground layer of water-bearing permeable rock or unconsolidated materials (for example: gravel, sand, silt, or clay).   [Description] It may yield economically significant quantities of groundwater to wells and springs.

Feature

Definition

Aquifer Composition	Aquifer Depth	*Aquifer Name*	Aquifer Overburden
Aquifer Thickness	Aquifer Yield Rating	Area	*Arsenic Concentration*
Chloride Concentration	*Coliform Concentration*	*Cyanide Concentration*	*Feature Code*
Full Name	Geographic Name Type	*Groundwater Potential Score*	Hydrologic Persistence
Length	*Magnesium Concentration*	Memorandum	Name Identifier
pH of Water	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	*Sulfate Concentration*	*Temperature*
Total Dissolved Solids	*Turbidity*	Unique Entity Identifier	*Water Conductivity*
Water Hardness	Water Potability	Water Type	*Water Use*
Width			

Arcade (Area 00)

Arcade

Attribute Set

A covered pedestrian route composed of arches and pillars, usually open along one or both sides.

Area	Facility Operational Status	*Feature Code*	Full Name
Height Above Surface Level	Highest Elevation	Length	Memorandum
Name Identifier	Navigation Landmark	*Physical Condition Of Facility*	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Unique Entity Identifier	Width		

Arcade (Line 00)

Arcade

Attribute Set

A covered pedestrian route composed of arches and pillars, usually open along one or both sides.

Area	Facility Operational Status	*Feature Code*	Full Name
Height Above Surface Level	Highest Elevation	Length	Memorandum
Name Identifier	Navigation Landmark	*Physical Condition Of Facility*	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Unique Entity Identifier	Width		

ArcheologicalSite (Area 00)

Archeological Site

Attribute Set

A site where remains of past civilizations or human activity have been discovered.

Aeronautical Obstacle Light Present	Area	*Feature Code*	Full Name
Height Above Surface Level	Highest Elevation	Length	Memorandum
Name Identifier	Navigation Landmark	*Physical Condition Of Facility*	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Unique Entity Identifier	Vertical Obstruction Identifier	Width	

ArcheologicalSite (Point 00)

Archeological Site

Attribute Set

A site where remains of past civilizations or human activity have been discovered.

Aeronautical Obstacle Light Present	Area	*Feature Code*	Full Name
Height Above Surface Level	Highest Elevation	Length	Memorandum
Name Identifier	Navigation Landmark	*Physical Condition Of Facility*	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Unique Entity Identifier	Vertical Obstruction Identifier	Width	

AsphaltLake (Area 00)

Asphalt Lake

Attribute Set

A natural accumulation of liquid asphalt.

Feature   Definition

Area	*Feature Code*	Full Name	Length
Memorandum	Name Identifier	Navigation Landmark	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Unique Entity Identifier	Width		

AstronomicalObservatory (Area 00)   Astronomical Observatory

Attribute Set

A building designed and equipped (for example: with a telescope) for making observations of celestial objects (including the earth in relation to them), of space, and of the universe as a whole.   [Description] Typically incorporates a dome-shaped covering that may be opened in order to expose instruments to the sky or closed to protect them from the weather.

Address	Aeronautical Obstacle Light Present	Angle of Orientation	Area
Controlling Authority	Facility Operational Status	*Feature Code*	Feature Function
Full Name	Height Above Surface Level	Highest Elevation	Horizontal Accuracy Category
Length	Memorandum	Name Identifier	Navigation Landmark
Physical Condition Of Facility	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Roof Shape	Specified Enumerant(s)	Telescope Type
Unique Entity Identifier	Vertical Obstruction Identifier	Width	

AstronomicalObservatory (Point 00)   Astronomical Observatory

Attribute Set

A building designed and equipped (for example: with a telescope) for making observations of celestial objects (including the earth in relation to them), of space, and of the universe as a whole.   [Description] Typically incorporates a dome-shaped covering that may be opened in order to expose instruments to the sky or closed to protect them from the weather.

Address	Aeronautical Obstacle Light Present	Angle of Orientation	Area
Controlling Authority	Facility Operational Status	*Feature Code*	Feature Function
Full Name	Height Above Surface Level	Highest Elevation	Horizontal Accuracy Category
Length	Memorandum	Name Identifier	Navigation Landmark
Physical Condition Of Facility	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Roof Shape	Specified Enumerant(s)	Telescope Type
Unique Entity Identifier	Vertical Obstruction Identifier	Width	

Barn (Area 00)   Barn

Attribute Set

A roofed farm building designed for sheltering harvested crops (for example: hay), livestock (for example: cattle), and/or farm machinery (for example: tractors and plows).

Address	Angle of Orientation	Area	Controlling Authority
Facility Operational Status	*Feature Code*	Feature Function	Floor Count
Full Name	Height Above Surface Level	Highest Elevation	Horizontal Accuracy Category
Length	Memorandum	Name Identifier	Navigation Landmark
Physical Condition Of Facility	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Roof Shape	Specified Enumerant(s)	Unique Entity Identifier
Vertical Construction Material	Width	Wireless Telecommunication Type	

Barn (Point 00)   Barn

Attribute Set

A roofed farm building designed for sheltering harvested crops (for example: hay), livestock (for example: cattle), and/or farm machinery (for example: tractors and plows).

Feature

Definition

Address	Angle of Orientation	Area	Controlling Authority
Facility Operational Status	*Feature Code*	Feature Function	Floor Count
Full Name	Height Above Surface Level	Highest Elevation	Horizontal Accuracy Category
Length	Memorandum	Name Identifier	Navigation Landmark
Physical Condition Of Facility	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Roof Shape	Specified Enumerant(s)	Unique Entity Identifier
Vertical Construction Material	Width	Wireless Telecommunication Type	

BasinGate (Line 00)   Basin Gate

Attribute Set   **A gate that impounds water within a basin or chamber that is used by watercraft.   [Description] For example, gates used at locks or dry docks.**

Basin Gate Type	Facility Operational Status	*Feature Code*	Height Above Surface Level
Height of Object	Highest Elevation	Hydrographic Depth	Length
Memorandum	Navigation Landmark	*Physical Condition Of Facility*	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Structural Material Type	Thickness	Unique Entity Identifier	

BasinGate (Point 00)   Basin Gate

Attribute Set   **A gate that impounds water within a basin or chamber that is used by watercraft.   [Description] For example, gates used at locks or dry docks.**

Basin Gate Type	Facility Operational Status	*Feature Code*	Height Above Surface Level
Height of Object	Highest Elevation	Hydrographic Depth	Length
Memorandum	Navigation Landmark	*Physical Condition Of Facility*	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Structural Material Type	Thickness	Unique Entity Identifier	

Beach (Area 00)   Beach

Attribute Set   **On a shore, the area on which the waves break and over which shore debris (for example: sand, shingle, and/or pebbles) accumulate.   [Description] A beach includes backshore and foreshore.**

Feature Code	Full Name	Memorandum	Name Identifier
Primary Structural Material Characteristic	Primary Structural Material Characteristic	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Sediment Colour	Sediment Colour
Specified Enumerant(s)	Structural Material Type	Structural Material Type	Unique Entity Identifier

BeachLandingSite (Area 00)   Beach Landing Site

Attribute Set   **A location on a beach suitable for the landing of troops and vehicles.**

Delineation Known	Facility Operational Status	*Feature Code*	Man-made
Memorandum	*Physical Condition Of Facility*	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier

BeachLandingSite (Point 00)   Beach Landing Site

Attribute Set   **A location on a beach suitable for the landing of troops and vehicles.**

Delineation Known	Facility Operational Status	*Feature Code*	Man-made
Memorandum	*Physical Condition Of Facility*	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier

Feature   Definition

BeachProfile (Area 00)   **Beach Profile**

> Attribute Set   **A representation of the three dimensional relief of the beach along a line or series of connected lines.**

Feature Code	Horizontal Accuracy Category	Memorandum	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Unique Entity Identifier			

Benchmark (Point 00)   **Benchmark**

> Attribute Set   **A reference mark on a permanent object indicating elevation relative to an established datum.**

Facility Operational Status	*Feature Code*	Full Name	Highest Elevation
Memorandum	Name Identifier	*Physical Condition Of Facility*	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Survey Control Point Type	Unique Entity Identifier		

Berth (Point 00)   **Berth**

> Attribute Set   **A named or numbered place where a vessel is moored at a wharf.**

Berth Identifier	Facility Operational Status	*Feature Code*	Memorandum
Physical Condition Of Facility	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier	

Billboard (Point 00)   **Billboard**

> Attribute Set   **A large outdoor board for advertisements. [Description] May be attached to another structure or self-supporting. Usually elevated so as to be seen for a significant distance.**

Aeronautical Obstacle Light Present	Angle of Orientation	Area	Facility Operational Status
Feature Code	Feature Function	Full Name	Height Above Surface Level
Height of Object	Highest Elevation	Length	Memorandum
Name Identifier	Navigation Landmark	*Physical Condition Of Facility*	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Unique Entity Identifier	Vertical Obstruction Identifier		

BlastFurnace (Area 00)   **Blast-furnace**

> Attribute Set   **A smelting furnace in which a blast of air is used, especially one for iron-smelting using a compressed hot air blast.**

Aeronautical Obstacle Light Present	Area	Facility Operational Status	*Feature Code*
Full Name	Height Above Surface Level	Highest Elevation	Length
Memorandum	Name Identifier	Navigation Landmark	*Physical Condition Of Facility*
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Unique Entity Identifier	Vertical Obstruction Identifier	Width

---

BlastFurnace (Point 00)   **Blast-furnace**

> Attribute Set   **A smelting furnace in which a blast of air is used, especially one for iron-smelting using a compressed hot air blast.**

Aeronautical Obstacle Light Present	Area	Facility Operational Status	*Feature Code*
Full Name	Height Above Surface Level	Highest Elevation	Length
Memorandum	Name Identifier	Navigation Landmark	*Physical Condition Of Facility*
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Unique Entity Identifier	Vertical Obstruction Identifier	Width

---

Feature

Definition

Bog (Area 00)

Bog

Attribute Set

A permanently wet area of land consisting of incompletely decayed organic material and mainly stagnant fresh water.   [Description] It is generally too soft to bear the weight of any heavy body. A subtype of the more generalized wetland.

Area	*Arsenic Concentration*	Average Water Depth	Bog Type
Bottom Material Type	*Chloride Concentration*	*Coliform Concentration*	*Cyanide Concentration*
Deepest Depth Below Surface	*Feature Code*	Full Name	Hydrologic Persistence
Length	*Magnesium Concentration*	Memorandum	Name Identifier
pH of Water	Predominant Maximum Water Depth	Predominant Minimum Water Depth	Predominant Water Depth
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	*Sulfate Concentration*	*Temperature*	Tide Influenced
Total Dissolved Solids	*Turbidity*	Unique Entity Identifier	Vegetation Trafficability Impact
Water Conductivity	*Water Hardness*	Water Potability	Water Type
Water Use	Width		

Borehole (Point 00)

Borehole

Attribute Set

An excavation drilled into the ground for purposes other than the extraction of potable water, oil, gas or brine.   [Description] For example, drilled to support the underground testing of munitions, for coring or sampling of bedrock or ice for scientific purposes, or drilled for the injection of waste material.

Deepest Depth Below Surface	Facility Operational Status	*Feature Code*	Full Name
Highest Elevation	Memorandum	Name Identifier	Navigation Landmark
Physical Condition Of Facility	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Rig Present	Specified Enumerant(s)	Unique Entity Identifier

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BotanicGarden (Area 00)

Botanic Garden

Attribute Set

A culturally designated tract where plants are displayed.

Address	Area	*Feature Code*	Full Name
Highest Elevation	Length	Memorandum	Name Identifier
Navigation Landmark	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier	Width

---

BottomCharacterRegion (Area 00)

Bottom Characteristic Region

Attribute Set

A region of a waterbody bottom that is homogeneous with respect to a measurement (for example: consistency, color, and/or composition).

Area	*Feature Code*	Full Name	Length
Memorandum	Name Identifier	Primary Structural Material Characteristic	Primary Structural Material Characteristic
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Sediment Colour	Sediment Colour	Specified Enumerant(s)	Structural Material Type
Structural Material Type	Unique Entity Identifier	Vegetation Characteristic	Width

---

BottomCharacterRegion (Point 00)

Bottom Characteristic Region

Attribute Set

A region of a waterbody bottom that is homogeneous with respect to a measurement (for example: consistency, color, and/or composition).

Area	*Feature Code*	Full Name	Length
Memorandum	Name Identifier	Primary Structural Material Characteristic	Primary Structural Material Characteristic
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Sediment Colour	Sediment Colour	Specified Enumerant(s)	Structural Material Type
Structural Material Type	Unique Entity Identifier	Vegetation Characteristic	Width

---

Feature   Definition

BoundaryCrv (FeatureGroup 00)   ***BoundaryCrv***

Attribute Set   ***A collection of dividing lines and markers identifying various types of boundaries and lines of separation.***

BoundaryMonument (Point 00)   **Boundary Monument**

Attribute Set   **A marker identifying the location of a surveyed boundary line.**

Area	Facility Operational Status	*Feature Code*	Full Name
Length	Memorandum	Name Identifier	*Physical Condition Of Facility*
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Structural Material Type	Unique Entity Identifier	Width

BoundaryPnt (FeatureGroup 00)   ***BoundaryPnt***

Attribute Set   ***A collection of dividing lines and markers identifying various types of boundaries and lines of separation.***

BoundarySrf (FeatureGroup 00)   ***BoundarySrf***

Attribute Set   ***A collection of dividing lines and markers identifying various types of boundaries and lines of separation.***

Bridge (Area 00)   **Bridge**

Attribute Set   **A structure that connects two locations and provides for the passage of a transportation route (for example: a road or a railway) over a terrain obstacle (for example: a waterbody, a gully, and/or a road).   [Description] A bridge consists of a set of two abutments and/or zero or more bridge piers joined by bridge spans. A bridge may serve, for example, as an overpass or a viaduct. In the context of a bridge, the scope of the term 'transportation route' includes the transportation of liquids or gases by means of either pipelines or aqueducts.**

Aeronautical Obstacle Light Present	Angle of Orientation	Area	Bridge Opening Type
Bridge Reference Number	Bridge Structure Type	Bypass Condition	Controlling Authority
Deck Count	Facility Operational Status	*Feature Code*	Full Name
Height Above Surface Level	Highest Elevation	Horizontal Accuracy Category	Horizontal Clearance
Length	Load Class Type 1	Load Class Type 2	Load Class Type 3
Load Class Type 4	Memorandum	Mobile Bridge Span	Name Identifier
Navigation Landmark	*Overall Height of Bridge*	Overhead Clearance	*Physical Condition Of Facility*
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Roofed	Span Count	Specified Enumerant(s)	Transportation System Type
Underbridge Clearance	Unique Entity Identifier	Vertical Clearance, Safe	Vertical Construction Material
Vertical Obstruction Identifier	Width		

Bridge (Line 00)   **Bridge**

Attribute Set   **A structure that connects two locations and provides for the passage of a transportation route (for example: a road or a railway) over a terrain obstacle (for example: a waterbody, a gully, and/or a road).   [Description] A bridge consists of a set of two abutments and/or zero or more bridge piers joined by bridge spans. A bridge may serve, for example, as an overpass or a viaduct. In the context of a bridge, the scope of the term 'transportation route' includes the transportation of liquids or gases by means of either pipelines or aqueducts.**

Feature

Definition

Aeronautical Obstacle Light Present	Angle of Orientation	Area	Bridge Opening Type
Bridge Reference Number	Bridge Structure Type	Bypass Condition	Controlling Authority
Deck Count	Facility Operational Status	*Feature Code*	Full Name
Height Above Surface Level	Highest Elevation	Horizontal Accuracy Category	Horizontal Clearance
Length	Load Class Type 1	Load Class Type 2	Load Class Type 3
Load Class Type 4	Memorandum	Mobile Bridge Span	Name Identifier
Navigation Landmark	*Overall Height of Bridge*	Overhead Clearance	*Physical Condition Of Facility*
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Roofed	Span Count	Specified Enumerant(s)	Transportation System Type
Underbridge Clearance	Unique Entity Identifier	Vertical Clearance, Safe	Vertical Construction Material
Vertical Obstruction Identifier	Width		

Bridge (Point 00)

Bridge

Attribute Set

A structure that connects two locations and provides for the passage of a transportation route (for example: a road or a railway) over a terrain obstacle (for example: a waterbody, a gully, and/or a road).   [Description] A bridge consists of a set of two abutments and/or zero or more bridge piers joined by bridge spans. A bridge may serve, for example, as an overpass or a viaduct. In the context of a bridge, the scope of the term 'transportation route' includes the transportation of liquids or gases by means of either pipelines or aqueducts.

Aeronautical Obstacle Light Present	Angle of Orientation	Area	Bridge Opening Type
Bridge Reference Number	Bridge Structure Type	Bypass Condition	Controlling Authority
Deck Count	Facility Operational Status	*Feature Code*	Full Name
Height Above Surface Level	Highest Elevation	Horizontal Accuracy Category	Horizontal Clearance
Length	Load Class Type 1	Load Class Type 2	Load Class Type 3
Load Class Type 4	Memorandum	Mobile Bridge Span	Name Identifier
Navigation Landmark	*Overall Height of Bridge*	Overhead Clearance	*Physical Condition Of Facility*
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Roofed	Span Count	Specified Enumerant(s)	Transportation System Type
Underbridge Clearance	Unique Entity Identifier	Vertical Clearance, Safe	Vertical Construction Material
Vertical Obstruction Identifier	Width		

BridgePier (Area 00)

Bridge Pier

Attribute Set   **A pillar or abutment that supports a bridge span.**

Area	Facility Operational Status	*Feature Code*	Full Name
Height Above Surface Level	Highest Elevation	Length	Memorandum
Name Identifier	Navigation Landmark	*Physical Condition Of Facility*	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Unique Entity Identifier	Width		

BridgePier (Line 00)

Bridge Pier

Attribute Set   **A pillar or abutment that supports a bridge span.**

Area	Facility Operational Status	*Feature Code*	Full Name
Height Above Surface Level	Highest Elevation	Length	Memorandum
Name Identifier	Navigation Landmark	*Physical Condition Of Facility*	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Unique Entity Identifier	Width		

BridgePier (Point 00)

Bridge Pier

Attribute Set   **A pillar or abutment that supports a bridge span.**

Feature

Definition

Area	Facility Operational Status	*Feature Code*	Full Name
Height Above Surface Level	Highest Elevation	Length	Memorandum
Name Identifier	Navigation Landmark	*Physical Condition Of Facility*	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Unique Entity Identifier	Width		

BridgeSpan (Area 00)

Bridge Span

Attribute Set

A component of the deck of a bridge spanning successive bridge piers.

Area	Bridge Opening Type	Bridge Reference Number	Bridge Structure Type
Bypass Condition	Facility Operational Status	*Feature Code*	Full Name
Height Above Surface Level	Highest Elevation	Horizontal Accuracy Category	Length
Load Class Type 1	Load Class Type 2	Load Class Type 3	Load Class Type 4
Memorandum	Name Identifier	Overhead Clearance	*Physical Condition Of Facility*
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Safe Horizontal Clearance	Specified Enumerant(s)	Transportation System Type	Unique Entity Identifier
Vertical Construction Material	Width		

BridgeSpan (Line 00)

Bridge Span

Attribute Set

A component of the deck of a bridge spanning successive bridge piers.

Area	Bridge Opening Type	Bridge Reference Number	Bridge Structure Type
Bypass Condition	Facility Operational Status	*Feature Code*	Full Name
Height Above Surface Level	Highest Elevation	Horizontal Accuracy Category	Length
Load Class Type 1	Load Class Type 2	Load Class Type 3	Load Class Type 4
Memorandum	Name Identifier	Overhead Clearance	*Physical Condition Of Facility*
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Safe Horizontal Clearance	Specified Enumerant(s)	Transportation System Type	Unique Entity Identifier
Vertical Construction Material	Width		

BridgeSpan (Point 00)

Bridge Span

Attribute Set

A component of the deck of a bridge spanning successive bridge piers.

Area	Bridge Opening Type	Bridge Reference Number	Bridge Structure Type
Bypass Condition	Facility Operational Status	*Feature Code*	Full Name
Height Above Surface Level	Highest Elevation	Horizontal Accuracy Category	Length
Load Class Type 1	Load Class Type 2	Load Class Type 3	Load Class Type 4
Memorandum	Name Identifier	Overhead Clearance	*Physical Condition Of Facility*
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Safe Horizontal Clearance	Specified Enumerant(s)	Transportation System Type	Unique Entity Identifier
Vertical Construction Material	Width		

BridgeSuperstructure (Area 00)

Bridge Superstructure

Attribute Set

A superstructure of a bridge, above the lowest deck, not including pylons or towers.

Aeronautical Obstacle Light Present	Area	Bridge Reference Number	Facility Operational Status
Feature Code	Height Above Surface Level	Height of Object	Highest Elevation
Length	Memorandum	Navigation Landmark	*Physical Condition Of Facility*
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Unique Entity Identifier	Vertical Obstruction Identifier	Width

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Feature

Definition

BridgeSuperstructure (Line 00)

Bridge Superstructure

Attribute Set

A superstructure of a bridge, above the lowest deck, not including pylons or towers.

Aeronautical Obstacle Light Present	Area	Bridge Reference Number	Facility Operational Status
Feature Code	Height Above Surface Level	Height of Object	Highest Elevation
Length	Memorandum	Navigation Landmark	*Physical Condition Of Facility*
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Unique Entity Identifier	Vertical Obstruction Identifier	Width

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BridgeTower (Point 00)

Bridge Tower

Attribute Set

A tower and/or pylon from which the deck of a bridge is suspended.

Aeronautical Obstacle Light Present	Area	Bridge Reference Number	Facility Operational Status
Feature Code	Height Above Surface Level	Highest Elevation	Length
Memorandum	Navigation Landmark	*Physical Condition Of Facility*	Pylon Material
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Unique Entity Identifier	Vertical Obstruction Identifier	Width

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Brush (Area 00)

Brush

Attribute Set

A tract covered mainly by short, uncultured, woody plants.   [Description] For example, covered by brush, scrub and/or shrubs. The predominant height is usually less than 2-3 metres.

Area	*Feature Code*	Height Above Surface Level	Highest Elevation
Length	Memorandum	Navigation Landmark	Predominant Vegetation Height
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Unique Entity Identifier	Width	

BucketElevator (Line 00)

Bucket Elevator

Attribute Set

Equipment, usually a series of buckets, for raising materials or liquids to a higher level.

Aeronautical Obstacle Light Present	Area	Facility Operational Status	*Feature Code*
Full Name	Height Above Surface Level	Highest Elevation	Length
Memorandum	Name Identifier	Navigation Landmark	*Physical Condition Of Facility*
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Unique Entity Identifier	Vertical Construction Material	Vertical Obstruction Identifier
Width			

BucketElevator (Point 00)

Bucket Elevator

Attribute Set

Equipment, usually a series of buckets, for raising materials or liquids to a higher level.

Aeronautical Obstacle Light Present	Area	Facility Operational Status	*Feature Code*
Full Name	Height Above Surface Level	Highest Elevation	Length
Memorandum	Name Identifier	Navigation Landmark	*Physical Condition Of Facility*
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Unique Entity Identifier	Vertical Construction Material	Vertical Obstruction Identifier
Width			

Feature

Definition

Building (Area 00)

Building

Attribute Set

A free-standing self-supporting construction that is roofed, usually walled, and is intended for human occupancy (for example: a place of work or recreation) and/or habitation.   [Description] For example, a dormitory, a bank, and a restaurant.

Address	Aeronautical Obstacle Light Present	Angle of Orientation	Area
Arsenic Concentration	*Attached Building*	Available POL	By-product
Chloride Concentration	*Coliform Concentration*	Controlling Authority	*Cyanide Concentration*
Device Power Type	*Device Relative Location*	Facility Operational Status	*Feature Code*
Feature Function	Floor Count	Full Name	Geographic Name Type
Hazard Shelter Intended Use	Height Above Surface Level	Highest Elevation	Horizontal Accuracy Category
Hospital Bed Count	Length	*Magnesium Concentration*	*Manufactured Building*
Market Size	*Medical Facility*	*Medical Specialty*	Memorandum
Multi-unit Building	Name Identifier	Navigation Landmark	*Number Rooms*
pH of Water	*Physical Condition Of Facility*	Product	*Pump Type*
Purification Process	Raw Material	Religious Designation	Religious Facility Type
Residence Configuration Type	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Roof Shape	Specified Enumerant(s)	*Sulfate Concentration*
Temperature	*Total Dissolved Solids*	*Total Staff*	*Turbidity*
Unique Entity Identifier	Vehicle Capacity	Vertical Construction Material	Vertical Obstruction Identifier
Water Conductivity	*Water Flow*	*Water Hardness*	Water Potability
Water Type	*Water Use*	Width	*Window Type*
Windows Per Story	Wireless Telecommunication Type		

Building (Point 00)

Building

Attribute Set

A free-standing self-supporting construction that is roofed, usually walled, and is intended for human occupancy (for example: a place of work or recreation) and/or habitation.   [Description] For example, a dormitory, a bank, and a restaurant.

Address	Aeronautical Obstacle Light Present	Angle of Orientation	Area
Arsenic Concentration	*Attached Building*	Available POL	By-product
Chloride Concentration	*Coliform Concentration*	Controlling Authority	*Cyanide Concentration*
Device Power Type	*Device Relative Location*	Facility Operational Status	*Feature Code*
Feature Function	Floor Count	Full Name	Geographic Name Type
Hazard Shelter Intended Use	Height Above Surface Level	Highest Elevation	Horizontal Accuracy Category
Hospital Bed Count	Length	*Magnesium Concentration*	*Manufactured Building*
Market Size	*Medical Facility*	*Medical Specialty*	Memorandum
Multi-unit Building	Name Identifier	Navigation Landmark	*Number Rooms*
pH of Water	*Physical Condition Of Facility*	Product	*Pump Type*
Purification Process	Raw Material	Religious Designation	Religious Facility Type
Residence Configuration Type	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Roof Shape	Specified Enumerant(s)	*Sulfate Concentration*
Temperature	*Total Dissolved Solids*	*Total Staff*	*Turbidity*
Unique Entity Identifier	Vehicle Capacity	Vertical Construction Material	Vertical Obstruction Identifier
Water Conductivity	*Water Flow*	*Water Hardness*	Water Potability
Water Type	*Water Use*	Width	*Window Type*
Windows Per Story	Wireless Telecommunication Type		

BuildingSuperstructure (Area 00)

Building Superstructure

Attribute Set

A supplemental portion of a building which rises from the roof but is not considered to be a portion of the roof.

Feature   Definition

Aeronautical Obstacle Light Present	Angle of Orientation	Area	Building Superstructure Type
Facility Operational Status	*Feature Code*	Full Name	Height Above Surface Level
Height of Object	Highest Elevation	Length	Memorandum
Name Identifier	Navigation Landmark	*Physical Condition Of Facility*	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Unique Entity Identifier	Vertical Obstruction Identifier	Width	

BuildingSuperstructure (Line 00)   **Building Superstructure**

Attribute Set   **A supplemental portion of a building which rises from the roof but is not considered to be a portion of the roof.**

Aeronautical Obstacle Light Present	Angle of Orientation	Area	Building Superstructure Type
Facility Operational Status	*Feature Code*	Full Name	Height Above Surface Level
Height of Object	Highest Elevation	Length	Memorandum
Name Identifier	Navigation Landmark	*Physical Condition Of Facility*	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Unique Entity Identifier	Vertical Obstruction Identifier	Width	

BuildingSuperstructure (Point 00)   **Building Superstructure**

Attribute Set   **A supplemental portion of a building which rises from the roof but is not considered to be a portion of the roof.**

Aeronautical Obstacle Light Present	Angle of Orientation	Area	Building Superstructure Type
Facility Operational Status	*Feature Code*	Full Name	Height Above Surface Level
Height of Object	Highest Elevation	Length	Memorandum
Name Identifier	Navigation Landmark	*Physical Condition Of Facility*	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Unique Entity Identifier	Vertical Obstruction Identifier	Width	

BuiltUpArea (Area 00)   **Built-up Area**

Attribute Set   **A tract containing a concentration of buildings and/or other structures.**

Area	BGN Administrative Level	Built-up Area Density Category	Controlling Authority
Facility Operational Status	*Feature Code*	Feature Function	Full Name
Full Name	Full Name	Height Above Surface Level	Highest Elevation
Length	Memorandum	Name Identifier	Name Identifier
Name Identifier	*Physical Condition Of Facility*	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier
Width	World Port Index Identifier		

BuiltUpArea (Point 00)   **Built-up Area**

Attribute Set   **A tract containing a concentration of buildings and/or other structures.**

Area	BGN Administrative Level	Built-up Area Density Category	Controlling Authority
Facility Operational Status	*Feature Code*	Feature Function	Full Name
Full Name	Full Name	Height Above Surface Level	Highest Elevation
Length	Memorandum	Name Identifier	Name Identifier
Name Identifier	*Physical Condition Of Facility*	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier
Width	World Port Index Identifier		

Buoy (Point 00)   **Buoy**

Attribute Set   **A floating object moored to the bottom in a particular place, as an aid to navigation or for other specific purposes.**

Feature

Definition

Beacon Type	Broadcast Frequency	Buoy Shape	Buoy Type
Character of Light	Facility Operational Status	*Feature Code*	Fog Signal Type
Full Name	Light Elevation	Memorandum	Multiple Light Ranges
Name Identifier	Navigation Mark Colour	Navigation System Type	*Physical Condition Of Facility*
Primary Operating Range	Radar Reflector Present	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Second Broadcast Frequency	Specified Enumerant(s)
Structure Shape	Topmark Shape	Unique Entity Identifier	

Cable (Line 00)

Attribute Set

Cable

A single continuous rope-like bundle consisting of multiple strands.   [Description] The strands may be individually insulated and/or protected and the cable as a whole sheathed. Cables may be used for load bearing (for example, supporting or suspending equipment and/or structures), transmitting electrical power, and/or communicating signals (for example, by electrical or optical means).

Aeronautical Obstacle Light Present	Cable Suspended Shape	Cable Type	Contained within Service Tunnel
Controlling Authority	*Deepest Depth Below Surface*	Facility Operational Status	*Feature Code*
Floating	Full Name	Height Above Surface Level	Highest Elevation
Horizontal Accuracy Category	Hydrographic Depth	Isolated	*Least Depth Below Surface*
Length	Memorandum	Name Identifier	Navigation Landmark
Overhead Clearance	Parallel Line Count	*Physical Condition Of Facility*	Power Line Maximum Voltage
Predominant Feature Height	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier	Vertical Obstruction Identifier
Vertical Relative Location	Water Level Effect	Waterbody Overhead Obstruction	

Cableway (Line 00)

Attribute Set

Cableway

A transportation system consisting of load cables strung between pylons on which carrier units (for example: cars or buckets intended to transport people, material, and/or equipment) are suspended.   [Description] For example, a ski-lift.

Aeronautical Obstacle Light Present	Cable Suspended Shape	Cableway Type	Facility Operational Status
Feature Code	Feature Function	Full Name	Height Above Surface Level
Highest Elevation	Length	Memorandum	Name Identifier
Navigation Landmark	*Physical Condition Of Facility*	Predominant Feature Height	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Unique Entity Identifier	Vertical Obstruction Identifier	Waterbody Overhead Obstruction	Width

Cairn (Point 00)

Attribute Set

Cairn

A heap of stones piled up as a memorial or a landmark.

Area	Facility Operational Status	*Feature Code*	Full Name
Height Above Surface Level	Highest Elevation	Length	Memorandum
Name Identifier	Navigation Landmark	*Physical Condition Of Facility*	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Unique Entity Identifier	Width		

CallingInPoint (Point 00)

Attribute Set

Calling-in Point

The location at which vessels are required to report to a traffic control center.   [Description] Note that this is not the same as an aeronautical waypoint, which is for aircraft only.

Direction of Traffic - 1	Direction of Traffic - 2	Direction of Traffic - 3	Direction of Traffic - 4
Feature Code	Full Name	Memorandum	Name Identifier
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Unique Entity Identifier		

Feature

Definition

Camp (Area 00)

Attribute Set

Camp

An encampment where tents and/or other easily moveable structures (for example: yurts) serve as full-time, temporary, or seasonal residences.

Address	Area	Controlling Authority	Facility Operational Status
Feature Code	Feature Function	Full Name	Height Above Surface Level
Highest Elevation	Length	Memorandum	Name Identifier
Navigation Landmark	Nomadic Seasonal Location	*Physical Condition Of Facility*	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Unique Entity Identifier	Width		

Camp (Point 00)

Attribute Set

Camp

An encampment where tents and/or other easily moveable structures (for example: yurts) serve as full-time, temporary, or seasonal residences.

Address	Area	Controlling Authority	Facility Operational Status
Feature Code	Feature Function	Full Name	Height Above Surface Level
Highest Elevation	Length	Memorandum	Name Identifier
Navigation Landmark	Nomadic Seasonal Location	*Physical Condition Of Facility*	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Unique Entity Identifier	Width		

CampSite (Area 00)

Attribute Set

Camp-site

A designated place for recreational camping.

Area	Facility Operational Status	*Feature Code*	Full Name
Length	Memorandum	Name Identifier	Navigation Landmark
Physical Condition Of Facility	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier	Width

CampSite (Point 00)

Attribute Set

Camp-site

A designated place for recreational camping.

Area	Facility Operational Status	*Feature Code*	Full Name
Length	Memorandum	Name Identifier	Navigation Landmark
Physical Condition Of Facility	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier	Width

Canal (Area 00)

Attribute Set

Canal

An artificial waterway with no flow, or a controlled flow, usable or built for navigation.

Feature

Definition

Above Water Bank Slope	Above Water Bank Slope	Area	*Arsenic Concentration*
Average Water Depth	Bank Orientation	Bank Orientation	Bottom Material Type
Bottom Material Type	Bottom Material Type	*Chloride Concentration*	*Coliform Concentration*
Contained within Tunnel	Controlling Authority	Covered Drain	Covered Drain Length
Cyanide Concentration	Deck Level	*Deepest Depth Below Surface*	Facility Operational Status
Feature Code	Full Name	Geographic Name Type	Height Above Surface Level
Highest Elevation	Horizontal Accuracy Category	Hydrographic Depth	Hydrologic Persistence
Least Depth Below Surface	Length	Located Underground	*Magnesium Concentration*
Maximum Water Depth	Memorandum	Name Identifier	Navigability Information
Navigation Landmark	Pedestrian Traversable	*pH of Water*	*Physical Condition Of Facility*
Predominant Average Water Velocity	Predominant Maximum Water Depth	Predominant Maximum Water Velocity	Predominant Minimum Water Depth
Predominant Minimum Water Velocity	Predominant Water Depth	Predominant Waterbody Bank Height	Predominant Waterbody Bank Height
Predominant Waterbody Bank Slope	Predominant Waterbody Bank Slope	Relative Level	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Shoreline Delineated
Shoreline Delineated	Shoreline Type	Shoreline Type	Specified Enumerant(s)
Sulfate Concentration	Supported by Bridge Span	*Temperature*	Terrain Gap Width
Total Dissolved Solids	*Turbidity*	Unique Entity Identifier	Vertical Relative Location
Water Conductivity	*Water Flow*	*Water Flow Rate Category*	*Water Hardness*
Water Potability	*Water Pump Accessibility*	*Water Stage*	Water Type
Water Use	Waterbody Bank Height	Waterbody Bank Height	Waterbody Bank Vegetation Cover
Waterbody Bank Vegetation Cover	Width		

Canal (Line 00)

Canal

Attribute Set

An artificial waterway with no flow, or a controlled flow, usable or built for navigation.

Above Water Bank Slope	Above Water Bank Slope	Area	*Arsenic Concentration*
Average Water Depth	Bank Orientation	Bank Orientation	Bottom Material Type
Bottom Material Type	Bottom Material Type	*Chloride Concentration*	*Coliform Concentration*
Contained within Tunnel	Controlling Authority	Covered Drain	Covered Drain Length
Cyanide Concentration	Deck Level	*Deepest Depth Below Surface*	Facility Operational Status
Feature Code	Full Name	Geographic Name Type	Height Above Surface Level
Highest Elevation	Horizontal Accuracy Category	Hydrographic Depth	Hydrologic Persistence
Least Depth Below Surface	Length	Located Underground	*Magnesium Concentration*
Maximum Water Depth	Memorandum	Name Identifier	Navigability Information
Navigation Landmark	Pedestrian Traversable	*pH of Water*	*Physical Condition Of Facility*
Predominant Average Water Velocity	Predominant Maximum Water Depth	Predominant Maximum Water Velocity	Predominant Minimum Water Depth
Predominant Minimum Water Velocity	Predominant Water Depth	Predominant Waterbody Bank Height	Predominant Waterbody Bank Height
Predominant Waterbody Bank Slope	Predominant Waterbody Bank Slope	Relative Level	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Shoreline Delineated
Shoreline Delineated	Shoreline Type	Shoreline Type	Specified Enumerant(s)
Sulfate Concentration	Supported by Bridge Span	*Temperature*	Terrain Gap Width
Total Dissolved Solids	*Turbidity*	Unique Entity Identifier	Vertical Relative Location
Water Conductivity	*Water Flow*	*Water Flow Rate Category*	*Water Hardness*
Water Potability	*Water Pump Accessibility*	*Water Stage*	Water Type
Water Use	Waterbody Bank Height	Waterbody Bank Height	Waterbody Bank Vegetation Cover
Waterbody Bank Vegetation Cover	Width		

Cane (Area 00)

Cane

Attribute Set

A tract covered mainly by large treelike grasses. [Description] For example, bamboo and sugarcane.

Feature

Definition

Area	Feature Code	Full Name	Height Above Surface Level
Length	Memorandum	Name Identifier	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Undergrowth Density	Unique Entity Identifier	Vegetation Trafficability Impact	Width

CantonmentArea (Area 00)   Cantonment Area

Attribute Set

An area containing military quarters. [Description] Typically consisting of the residential sections of a military installation, where tactical training may be limited due to other activities that would endanger and disrupt personnel and their dependents.

Address	Area	Controlling Authority	Facility Operational Status
Feature Code	Full Name	Length	Memorandum
Name Identifier	Physical Condition Of Facility	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier
Width			

CaravanPark (Area 00)   Caravan Park

Attribute Set

A prepared site, typically including facilities, used for holiday accommodations where caravans and/or motor homes are parked.   [Description] Caravans are travel trailers towed behind vehicles while motor homes are self-contained vehicles used for both travel and accommodations. Facilities may include utility connections (for example: water, power, or gas), convenience store(s), showers, laundry facilities, and swimming pools.

Address	Area	Facility Operational Status	Feature Code
Feature Function	Full Name	Height Above Surface Level	Highest Elevation
Length	Memorandum	Name Identifier	Navigation Landmark
Physical Condition Of Facility	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier	Width

CartTrack (Line 00)   Cart Track

Attribute Set

An unimproved road.   [Description] The surface is usually rough (for example: rutted) and minimally prepared (for example: packed earth or thinly covered with gravel).

Area	Contained within Tunnel	Deck Level	Facility Operational Status
Feature Code	Full Name	Horizontal Accuracy Category	Length
Memorandum	Name Identifier	Physical Condition Of Facility	Relative Level
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Road Weather Restriction	Route Minimum Travelled Way Width	Route Total Usable Width	Specified Enumerant(s)
Supported by Bridge Span	Through Route	Transportation System Type	Unique Entity Identifier
Vertical Relative Location	Width		

Castle (Area 00)   Castle

Attribute Set

A single large fortified building that has thick walls, battlements, and often the presence of a moat, and is commonly of some historical significance. [Description] Historically castles were designed and constructed as defensive structures situated so as to dominate the surrounding countryside. With advancing technology, especially artillery, they have become obsolete for military defensive purposes and are now valued primarily for their historical significance. In more recent times elaborate country houses were built incorporating many design elements of a castle but which were not fully capable of being used as defensive structures. Examples of castles of both types include Doue-la-Fontaine and Neuschwanstein.

Address	Aeronautical Obstacle Light Present	Angle of Orientation	Area
Controlling Authority	Facility Operational Status	Feature Code	Feature Function
Floor Count	Full Name	Hazard Shelter Intended Use	Height Above Surface Level
Highest Elevation	Horizontal Accuracy Category	Length	Memorandum
Multi-unit Building	Name Identifier	Navigation Landmark	Physical Condition Of Facility
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Unique Entity Identifier	Vertical Obstruction Identifier	Width

Feature   Definition

Castle (Point 00)   **Castle**

Attribute Set

A single large fortified building that has thick walls, battlements, and often the presence of a moat, and is commonly of some historical significance. [Description] Historically castles were designed and constructed as defensive structures situated so as to dominate the surrounding countryside. With advancing technology, especially artillery, they have become obsolete for military defensive purposes and are now valued primarily for their historical significance. In more recent times elaborate country houses were built incorporating many design elements of a castle but which were not fully capable of being used as defensive structures. Examples of castles of both types include Doue-la-Fontaine and Neuschwanstein.

Address	Aeronautical Obstacle Light Present	Angle of Orientation	Area
Controlling Authority	Facility Operational Status	*Feature Code*	Feature Function
Floor Count	Full Name	*Hazard Shelter Intended Use*	Height Above Surface Level
Highest Elevation	Horizontal Accuracy Category	Length	Memorandum
Multi-unit Building	Name Identifier	Navigation Landmark	*Physical Condition Of Facility*
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Unique Entity Identifier	Vertical Obstruction Identifier	Width

CastleComplex (Area 00)   **Castle Complex**

Attribute Set

A fortified complex of buildings and related structures that consists principally of a central keep with surrounding thick walls, battlements, and often the presence of a moat, and is commonly of some historical significance.   [Description] A castle complex may be quite extensive, including multiple distinct buildings of diverse function. Historically castle complexes were designed and constructed as defensive structures situated so as to dominate the surrounding countryside. With advancing technology, especially artillery, they have become obsolete for military defensive purposes and are now valued primarily for their historical significance. Examples of castle complexes include Prague and Windsor Castles.

Address	Area	Controlling Authority	Facility Operational Status
Feature Code	Feature Function	Full Name	Height Above Surface Level
Highest Elevation	Length	Memorandum	Name Identifier
Navigation Landmark	*Physical Condition Of Facility*	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier
Width	Wireless Telecommunication Type		

CastleComplex (Point 00)   **Castle Complex**

Attribute Set

A fortified complex of buildings and related structures that consists principally of a central keep with surrounding thick walls, battlements, and often the presence of a moat, and is commonly of some historical significance.   [Description] A castle complex may be quite extensive, including multiple distinct buildings of diverse function. Historically castle complexes were designed and constructed as defensive structures situated so as to dominate the surrounding countryside. With advancing technology, especially artillery, they have become obsolete for military defensive purposes and are now valued primarily for their historical significance. Examples of castle complexes include Prague and Windsor Castles.

Address	Area	Controlling Authority	Facility Operational Status
Feature Code	Feature Function	Full Name	Height Above Surface Level
Highest Elevation	Length	Memorandum	Name Identifier
Navigation Landmark	*Physical Condition Of Facility*	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier
Width	Wireless Telecommunication Type		

CatalyticCracker (Area 00)   **Catalytic Cracker**

Attribute Set

A device in which the separation of petroleum is carried out in the presence of a catalyst.

Feature

Aeronautical Obstacle Light Present	Area	Facility Operational Status	*Feature Code*
Full Name	Height Above Surface Level	Highest Elevation	Length
Memorandum	Name Identifier	Navigation Landmark	*Physical Condition Of Facility*
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Unique Entity Identifier	Vertical Construction Material	Vertical Obstruction Identifier
Width			

Definition

CatalyticCracker (Point 00)

Catalytic Cracker

Attribute Set

A device in which the separation of petroleum is carried out in the presence of a catalyst.

Aeronautical Obstacle Light Present	Area	Facility Operational Status	*Feature Code*
Full Name	Height Above Surface Level	Highest Elevation	Length
Memorandum	Name Identifier	Navigation Landmark	*Physical Condition Of Facility*
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Unique Entity Identifier	Vertical Construction Material	Vertical Obstruction Identifier
Width			

CausewayStructure (Area 00)

Causeway Structure

Attribute Set

A solid raised way across a terrain obstacle (for example: a wetland or a body of shallow water) that is intended to support a transportation route (for example: a road or a railway).   [Description] The causeway structure is often constructed from local fill supplemented by other materials (for example: rocks, boulders or gravel) and consists of a solid linear structure in the configuration of an embankment. Causeway structures are built just high enough to insure that the transportation route will remain passable during periods of flooding, tides and seasonal rainfall. Culverts may occur along the length of the causeway structure and individual sections of the causeway structure may be interrupted by bridges.

Area	Facility Operational Status	*Feature Code*	Full Name
Height Above Surface Level	Highest Elevation	Length	Memorandum
Name Identifier	Navigation Landmark	*Physical Condition Of Facility*	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Structural Material Type	Surface Slope	Transportation System Type	Unique Entity Identifier
Water Level Effect	Width		

CausewayStructure (Line 00)

Causeway Structure

Attribute Set

A solid raised way across a terrain obstacle (for example: a wetland or a body of shallow water) that is intended to support a transportation route (for example: a road or a railway).   [Description] The causeway structure is often constructed from local fill supplemented by other materials (for example: rocks, boulders or gravel) and consists of a solid linear structure in the configuration of an embankment. Causeway structures are built just high enough to insure that the transportation route will remain passable during periods of flooding, tides and seasonal rainfall. Culverts may occur along the length of the causeway structure and individual sections of the causeway structure may be interrupted by bridges.

Area	Facility Operational Status	*Feature Code*	Full Name
Height Above Surface Level	Highest Elevation	Length	Memorandum
Name Identifier	Navigation Landmark	*Physical Condition Of Facility*	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Structural Material Type	Surface Slope	Transportation System Type	Unique Entity Identifier
Water Level Effect	Width		

CaveChamber (Area 00)

Cave Chamber

Attribute Set

An interconnected series of naturally occurring subterranean chambers.   [Description] Typically located in limestone, and often open to the Earth's surface either vertically or horizontally. Alterations may have been made to the cave chamber.

Deepest Depth Below Surface	Facility Operational Status	*Feature Code*	*Least Depth Below Surface*
Memorandum	*Physical Condition Of Facility*	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier

Feature   Definition

CaveMouth (Point 00)

Attribute Set

Cave Mouth

The entrance to an interconnected series of naturally occurring subterranean chambers.   [Description] Typically located in limestone, and often open to the Earth's surface either vertically or horizontally. Alterations may have been made to the cave mouth.

Angle of Orientation	Cave Type	*Feature Code*	Feature Function
Full Name	Hydrographic Depth	Length	Memorandum
Name Identifier	Navigation Landmark	Overhead Clearance	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Underground Access Orientation	Unique Entity Identifier		

Cemetery (Area 00)

Attribute Set

Cemetery

A site and associated structures devoted to the burial of the dead.

Address	Area	Facility Operational Status	*Feature Code*
Full Name	Height Above Surface Level	Highest Elevation	Isolated
Length	Memorandum	Name Identifier	Navigation Landmark
Physical Condition Of Facility	Religious Designation	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier
Width			

Cemetery (Point 00)

Attribute Set

Cemetery

A site and associated structures devoted to the burial of the dead.

Address	Area	Facility Operational Status	*Feature Code*
Full Name	Height Above Surface Level	Highest Elevation	Isolated
Length	Memorandum	Name Identifier	Navigation Landmark
Physical Condition Of Facility	Religious Designation	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier
Width			

Checkpoint (Point 00)

Attribute Set

Checkpoint

A location to control passage and/or to register, declare and/or inspect goods, vehicles and/or people.

Area	Facility Operational Status	*Feature Code*	Feature Function
Full Name	Length	Memorandum	Name Identifier
Navigation Landmark	*Physical Condition Of Facility*	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	Transportation System Type
Unique Entity Identifier	Width		

Cistern (Point 00)

Attribute Set

Cistern

A man-made container used for the collection and/or storage of water.

Feature   Definition

Area	*Arsenic Concentration*	*Chloride Concentration*	*Coliform Concentration*
Controlling Authority	*Cyanide Concentration*	*Device Power Type*	*Device Relative Location*
Facility Operational Status	*Feature Code*	Full Name	Geographic Name Type
Height Above Surface Level	Highest Elevation	Hydrologic Persistence	Isolated
Length	Located Underground	*Magnesium Concentration*	Memorandum
Name Identifier	Navigation Landmark	*pH of Water*	*Physical Condition Of Facility*
Pump Type	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	*Sulfate Concentration*	*Temperature*
Total Dissolved Solids	*Turbidity*	Unique Entity Identifier	Vertical Construction Material
Volume	*Water Conductivity*	*Water Hardness*	Water Potability
Water Type	*Water Use*	Width	

ClearedWay (Area 00)   Cleared Way

Attribute Set

A man-made cleared strip through a vegetated region.   [Description] May be designed to: provide access for a road, railroad, pipeline, power transmission line, or electrical signal line; demarcate a boundary; obtain survey line-of-sight; or to impede the progress of forest fires (a firebreak).

Area	*Feature Code*	Full Name	Length
Memorandum	Name Identifier	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier
Vegetation Trafficability Impact	Width		

ClearedWay (Line 00)   Cleared Way

Attribute Set

A man-made cleared strip through a vegetated region.   [Description] May be designed to: provide access for a road, railroad, pipeline, power transmission line, or electrical signal line; demarcate a boundary; obtain survey line-of-sight; or to impede the progress of forest fires (a firebreak).

Area	*Feature Code*	Full Name	Length
Memorandum	Name Identifier	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier
Vegetation Trafficability Impact	Width		

CollectionSrf (FeatureGroup 00)   *CollectionSrf*

Attribute Set

A collection of features continaing metadata that describes collection date, confidence levels, and accuracy.

ConservationArea (Area 00)   Conservation Area

Attribute Set

An area of land and/or sea especially dedicated to the protection and maintenance of biological diversity, and of natural and associated cultural resources, and managed through legal or other effective means.   [Description] As determined, for example, by the International Union for Conservation of Nature and Natural Resources (IUCN).

Area	Conservation Area Management Category	Controlling Authority	*Feature Code*
Full Name	Length	Location Referenced to Shoreline	Memorandum
Name Identifier	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier	Width

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ContaminatedRegion (Area 00)   Contaminated Region

Attribute Set

A region whose prevailing natural conditions have been degraded through contamination by harmful or objectionable substances.   [Description] The contamination may be either naturally occurring or the result of human activity. For example, polluted by sewage or toxic chemicals, obscured by smoke or ash from volcanic eruptions, or contaminated by exposure to Chemical, Biological, Radiological, and/or Nuclear (CBRN) agents.

Feature   Definition

Area	Contaminant Source	*Feature Code*	Full Name
Length	Memorandum	Military Environmental Hazard Category	Name Identifier
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Unique Entity Identifier	Width	

ContaminatedRegion (Point 00)   Contaminated Region

Attribute Set

A region whose prevailing natural conditions have been degraded through contamination by harmful or objectionable substances.   [Description] The contamination may be either naturally occurring or the result of human activity. For example, polluted by sewage or toxic chemicals, obscured by smoke or ash from volcanic eruptions, or contaminated by exposure to Chemical, Biological, Radiological, and/or Nuclear (CBRN) agents.

Area	Contaminant Source	*Feature Code*	Full Name
Length	Memorandum	Military Environmental Hazard Category	Name Identifier
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Unique Entity Identifier	Width	

ControlPoint (Point 00)   Control Point

Attribute Set

A terrain object (for example: a marker) with a known location (for example: horizontal position, elevation, or both) intended to serve as a survey control.   [Description] Usually of a lower order of positional accuracy than a Geodetic Point but of sufficient accuracy for local surveying.

Base Elevation	*Feature Code*	Full Name	Memorandum
Name Identifier	*Physical Condition Of Facility*	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	Survey Control Point Type
Unique Entity Identifier			

ControlTower (Area 00)   Control Tower

Attribute Set

A structure that houses personnel and equipment used to control the flow of traffic within a specified range of an installation.   [Description] Examples of installations that use control towers are aerodromes, railways, and maritime routes.

Address	Aeronautical Obstacle Light Present	Area	Facility Operational Status
Feature Code	Feature Function	Full Name	Height Above Surface Level
Highest Elevation	Length	Memorandum	Name Identifier
Navigation Landmark	*Physical Condition Of Facility*	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Roof Shape	Specified Enumerant(s)
Transportation System Type	Unique Entity Identifier	Vertical Construction Material	Vertical Obstruction Identifier
Width			

ControlTower (Point 00)   Control Tower

Attribute Set

A structure that houses personnel and equipment used to control the flow of traffic within a specified range of an installation.   [Description] Examples of installations that use control towers are aerodromes, railways, and maritime routes.

Address	Aeronautical Obstacle Light Present	Area	Facility Operational Status
Feature Code	Feature Function	Full Name	Height Above Surface Level
Highest Elevation	Length	Memorandum	Name Identifier
Navigation Landmark	*Physical Condition Of Facility*	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Roof Shape	Specified Enumerant(s)
Transportation System Type	Unique Entity Identifier	Vertical Construction Material	Vertical Obstruction Identifier
Width			

Conveyor (Line 00)   Conveyor

Attribute Set

A mechanical device for conveying articles or materials during manufacture or processing using an endless moving belt or series of rollers.

Feature

Definition

Aeronautical Obstacle Light Present	Area	Facility Operational Status	*Feature Code*
Height Above Surface Level	Highest Elevation	Length	Memorandum
Navigation Landmark	*Physical Condition Of Facility*	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier
Vertical Construction Material	Vertical Obstruction Identifier	Width	

CoolingFacility (Area 00)

Cooling Facility

Attribute Set

A facility for the removal of thermal energy (for example: by generating and circulating chilled water) for cooling purposes.

Address	Area	Facility Operational Status	*Feature Code*
Feature Function	Full Name	Height Above Surface Level	Highest Elevation
Length	Memorandum	Name Identifier	Navigation Landmark
Physical Condition Of Facility	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier	Width

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CoolingFacility (Point 00)

Cooling Facility

Attribute Set

A facility for the removal of thermal energy (for example: by generating and circulating chilled water) for cooling purposes.

Address	Area	Facility Operational Status	*Feature Code*
Feature Function	Full Name	Height Above Surface Level	Highest Elevation
Length	Memorandum	Name Identifier	Navigation Landmark
Physical Condition Of Facility	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier	Width

---

CoolingTower (Area 00)

Cooling Tower

Attribute Set

A tall tower for cooling hot water from an industrial process before reuse.

Aeronautical Obstacle Light Present	Area	Facility Operational Status	*Feature Code*
Full Name	Height Above Surface Level	Highest Elevation	Length
Memorandum	Name Identifier	Navigation Landmark	*Physical Condition Of Facility*
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Unique Entity Identifier	Vertical Construction Material	Vertical Obstruction Identifier
Width			

CoolingTower (Point 00)

Cooling Tower

Attribute Set

A tall tower for cooling hot water from an industrial process before reuse.

Aeronautical Obstacle Light Present	Area	Facility Operational Status	*Feature Code*
Full Name	Height Above Surface Level	Highest Elevation	Length
Memorandum	Name Identifier	Navigation Landmark	*Physical Condition Of Facility*
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Unique Entity Identifier	Vertical Construction Material	Vertical Obstruction Identifier
Width			

Courtyard (Area 00)

Courtyard

Attribute Set

An open area that is open to the sky and surrounded by walls or buildings forming the precincts of a larger facility (for example: an extended house, a castle, or a homestead), often in the form of an area that is enclosed by a single building.   [Description] Historically, these areas in inns and public buildings were often the primary meeting places for some purposes, leading to the other meanings of the term 'court'.

Feature

Definition

Area	Feature Code	Full Name	Height Above Surface Level
Length	Memorandum	Name Identifier	Physical Condition Of Facility
Religious Designation	Religious Facility Type	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier
Width			

Crane (Area 00)

Crane

Attribute Set

Equipment for lifting, shifting, and lowering objects or materials by means of a swinging boom or with the lifting apparatus supported on an overhead track.

Aeronautical Obstacle Light Present	Area	Crane Mobility Type	Crane Type
Facility Operational Status	Feature Code	Full Name	Height Above Surface Level
Highest Elevation	Length	Lifting Capacity	Location Referenced to Shoreline
Memorandum	Name Identifier	Navigation Landmark	Physical Condition Of Facility
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Transportation System Type	Unique Entity Identifier	Vertical Construction Material
Vertical Obstruction Identifier	Width		

Crane (Point 00)

Crane

Attribute Set

Equipment for lifting, shifting, and lowering objects or materials by means of a swinging boom or with the lifting apparatus supported on an overhead track.

Aeronautical Obstacle Light Present	Area	Crane Mobility Type	Crane Type
Facility Operational Status	Feature Code	Full Name	Height Above Surface Level
Highest Elevation	Length	Lifting Capacity	Location Referenced to Shoreline
Memorandum	Name Identifier	Navigation Landmark	Physical Condition Of Facility
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Transportation System Type	Unique Entity Identifier	Vertical Construction Material
Vertical Obstruction Identifier	Width		

Crevasse (Area 00)

Crevasse

Attribute Set

A deep crack or fissure in a glacier that results from differential movement of ice.

Area	Deepest Depth Below Surface	Feature Code	Highest Elevation
Length	Memorandum	Predominant Feature Depth	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Unique Entity Identifier	Width		

Crevasse (Line 00)

Crevasse

Attribute Set

A deep crack or fissure in a glacier that results from differential movement of ice.

Area	Deepest Depth Below Surface	Feature Code	Highest Elevation
Length	Memorandum	Predominant Feature Depth	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Unique Entity Identifier	Width		

Crevice (Area 00)

Crevice

Attribute Set

A narrow opening or fissure produced by a crack in the land, especially in rock.   [Description] May also describe a deep vertical opening in the terrain that appears after an earthquake.

Feature

Feature			
Area	*Deepest Depth Below Surface*	*Feature Code*	Full Name
Highest Elevation	Length	Memorandum	Name Identifier
Predominant Feature Depth	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	Structural Material Type	Unique Entity Identifier
Width			

Definition

Crevice (Line 00)

Attribute Set

Crevice

A narrow opening or fissure produced by a crack in the land, especially in rock.   [Description] May also describe a deep vertical opening in the terrain that appears after an earthquake.

Area	*Deepest Depth Below Surface*	*Feature Code*	Full Name
Highest Elevation	Length	Memorandum	Name Identifier
Predominant Feature Depth	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	Structural Material Type	Unique Entity Identifier
Width			

Crib (Area 00)

Attribute Set

Crib

A permanent structure set in the water, typically framed with wooden beams and filled with rocks or boulders that is used to anchor log booms or support other constructions (for example: submerged outfalls, diffusers, or piers).   [Description] They may always be dry, submerged, or covered and uncovered. Cribs should not be confused with water intake towers which may sometimes also be termed a 'crib'.

Bathymetric Measurement Technique	Facility Operational Status	*Feature Code*	Full Name
Horizontal Accuracy Category	Hydrographic Depth	Memorandum	Name Identifier
Physical Condition Of Facility	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier	Water Level Effect

---

Crib (Point 00)

Attribute Set

Crib

A permanent structure set in the water, typically framed with wooden beams and filled with rocks or boulders that is used to anchor log booms or support other constructions (for example: submerged outfalls, diffusers, or piers).   [Description] They may always be dry, submerged, or covered and uncovered. Cribs should not be confused with water intake towers which may sometimes also be termed a 'crib'.

Bathymetric Measurement Technique	Facility Operational Status	*Feature Code*	Full Name
Horizontal Accuracy Category	Hydrographic Depth	Memorandum	Name Identifier
Physical Condition Of Facility	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier	Water Level Effect

---

CropLand (Area 00)

Attribute Set

Crop Land

An area that has been tilled for the planting of crops.

Area	Crop Species	Farming Method	Farming Pattern
Feature Code	Full Name	Irrigation Method	Length
Memorandum	Name Identifier	Navigation Landmark	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Unique Entity Identifier	Vegetation Trafficability Impact	Width	

Crossing (Point 00)

Attribute Set

Crossing

A location where land transportation routes intersect or cross at the same vertical level.   [Description] For example, a railway crossing, a road intersection, and a ford.

Feature

Definition

Area	Feature Code	Full Name	Intersection Control Type
Length	Memorandum	Name Identifier	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Transportation System Type	Unique Entity Identifier	Width	

CulturalContextLocation (Area 00)

Cultural Context Location

Attribute Set

A location that normally does not appear as a specific, characterized object but that represents an area where a specific cultural factor (for example: religion, ethnicity, language, or tribal/clan affiliation) predominates.

Area	Cultural Context Type	Feature Code	Full Name
Length	Memorandum	Name Identifier	Religious Designation
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Unique Entity Identifier	Width	

CulturalContextLocation (Point 00)

Cultural Context Location

Attribute Set

A location that normally does not appear as a specific, characterized object but that represents an area where a specific cultural factor (for example: religion, ethnicity, language, or tribal/clan affiliation) predominates.

Area	Cultural Context Type	Feature Code	Full Name
Length	Memorandum	Name Identifier	Religious Designation
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Unique Entity Identifier	Width	

CultureCrv (FeatureGroup 00)

CultureCrv

Attribute Set

A collection of features on the landscape that have been constructed or determined by man. [DESCRIPTION] Excepted are features considered to be 'Recreational', 'TransportationGround', 'TransportationWater', 'Ports and Harbours', or 'Settlements'.

CulturePnt (FeatureGroup 00)

CulturePnt

Attribute Set

A collection of features on the landscape that have been constructed or determined by man. [DESCRIPTION] Excepted are features considered to be 'Recreational', 'TransportationGround', 'TransportationWater', 'Ports and Harbours', or 'Settlements'.

CultureSrf (FeatureGroup 00)

CultureSrf

Attribute Set

A collection of features on the landscape that have been constructed or determined by man. [DESCRIPTION] Excepted are features considered to be 'Recreational', 'TransportationGround', 'TransportationWater', 'Ports and Harbours', or 'Settlements'.

Culvert (Line 00)

Culvert

Attribute Set

An enclosed channel for carrying a watercourse (for example: a stream, a sewer, or a drain) under a route (for example: a road, a railway, or an embankment).   [Description] Usually the construction of the route is unaffected.

Area	Cross-sectional Profile	Culvert Type	Facility Operational Status
Feature Code	Length	Memorandum	Physical Condition Of Facility
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Structural Material Type	Unique Entity Identifier	Width

Feature

Definition

Culvert (Point 00)

Culvert

Attribute Set

An enclosed channel for carrying a watercourse (for example: a stream, a sewer, or a drain) under a route (for example: a road, a railway, or an embankment).   [Description] Usually the construction of the route is unaffected.

Area	Cross-sectional Profile	Culvert Type	Facility Operational Status
Feature Code	Length	Memorandum	*Physical Condition Of Facility*
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Structural Material Type	Unique Entity Identifier	Width

---

Cut (Line 00)

Cut

Attribute Set

An excavation in the terrain to provide passage for a land or water transportation route (for example: a road, a railway, and/or a canal).

Area	*Deepest Depth Below Surface*	*Feature Code*	Full Name
Grading Type	Height Above Surface Level	Hydrographic Depth	Length
Memorandum	Name Identifier	*Physical Condition Of Facility*	Predominant Feature Depth
Predominant Feature Height	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	Surface Slope	Transportation System Type
Unique Entity Identifier	Width		

CutLine (Line 00)

Cut Line

Attribute Set

The demarcation line between a cut and the surrounding land surface.

Feature Code	Length	Memorandum	Predominant Feature Height
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Surface Slope	Transportation System Type	Unique Entity Identifier

---

Dam (Area 00)

Dam

Attribute Set

A barrier constructed to hold back water and raise its level to form a reservoir or to prevent flooding.

Aeronautical Obstacle Light Present	Angle of Orientation	Area	Controlling Authority
Dam Crest Width	Dam Face Type	*Dam Structural Design Type*	Dam Type
Facility Operational Status	*Feature Code*	Full Name	Geographic Name Type
Height Above Surface Level	Highest Elevation	Length	Memorandum
Name Identifier	Navigation Landmark	*Physical Condition Of Facility*	*Power Source*
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Spillway Height	Structural Material Type	Transportation System Type
Unique Entity Identifier	Vertical Obstruction Identifier	*Water Pump Accessibility*	Width
Width at Top			

Dam (Line 00)

Dam

Attribute Set

A barrier constructed to hold back water and raise its level to form a reservoir or to prevent flooding.

Aeronautical Obstacle Light Present	Angle of Orientation	Area	Controlling Authority
Dam Crest Width	Dam Face Type	*Dam Structural Design Type*	Dam Type
Facility Operational Status	*Feature Code*	Full Name	Geographic Name Type
Height Above Surface Level	Highest Elevation	Length	Memorandum
Name Identifier	Navigation Landmark	*Physical Condition Of Facility*	*Power Source*
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Spillway Height	Structural Material Type	Transportation System Type
Unique Entity Identifier	Vertical Obstruction Identifier	*Water Pump Accessibility*	Width
Width at Top			

Feature | Definition

Dam (Point 00)
Attribute Set

Dam
A barrier constructed to hold back water and raise its level to form a reservoir or to prevent flooding.

Aeronautical Obstacle Light Present	Angle of Orientation	Area	Controlling Authority
Dam Crest Width	Dam Face Type	*Dam Structural Design Type*	Dam Type
Facility Operational Status	*Feature Code*	Full Name	Geographic Name Type
Height Above Surface Level	Highest Elevation	Length	Memorandum
Name Identifier	Navigation Landmark	*Physical Condition Of Facility*	*Power Source*
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Spillway Height	Structural Material Type	Transportation System Type
Unique Entity Identifier	Vertical Obstruction Identifier	*Water Pump Accessibility*	Width
Width at Top			

Dataset (Area 00)
Attribute Set

Dataset
A resource that is a set of instances of one or more modeling entities selected according to a single rationale (for example: a common production or publication process).   [Description] For example, a set of modeling entities whose instances together constitute a 'water resources map'.

Absolute Horizontal Accuracy (90%)	Absolute Vertical Accuracy (90%)	Cell Identifier	Cell Partition Scheme
Data Quality Statement	Elevation Vertical Accuracy (90%)	Equivalent Scale Category	Extraction Specification
Extraction Specification Version	*Feature Code*	Geodetic Datum	Height Vertical Accuracy (90%)
ISO 3166-1 Alpha-3 Code	Maintenance Date and Time	Memorandum	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Unique Resource Identifier	Vertical Datum		

Depression (Area 00)
Attribute Set

Depression
A sunken place in the terrain that is completely surrounded by higher terrain.

Area	*Deepest Depth Below Surface*	*Feature Code*	Full Name
Length	Memorandum	Name Identifier	Predominant Feature Depth
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Surface Slope	Unique Entity Identifier	Width

Depression (Point 00)
Attribute Set

Depression
A sunken place in the terrain that is completely surrounded by higher terrain.

Area	*Deepest Depth Below Surface*	*Feature Code*	Full Name
Length	Memorandum	Name Identifier	Predominant Feature Depth
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Surface Slope	Unique Entity Identifier	Width

DepthArea (Area 00)
Attribute Set

Depth Area
A water area whose depth is within a defined range of values.

Deepest Depth Below Surface	Depth Curve or Contour Value	*Feature Code*	Horizontal Accuracy Category
Hydrographic Depth	Memorandum	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier

Feature

Definition

DepthContour (Line 00)

Attribute Set

Depth Contour

A line connecting points of equal depth at and below the hydrographic datum.   [Description] Depth contours follow the rules for contour formation, that is, contours must close on themselves, must be continuous, and must precisely represent the shape of the bottom. Depth contours are usually based on detailed bathymetric information.

Depth Curve or Contour Value	*Feature Code*	Horizontal Accuracy Category	Memorandum
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Unique Entity Identifier		

DepthCurve (Area 00)

Attribute Set

Depth Curve

A navigational safety line indicating that no sounding of a lesser depth exists seaward of the line, but greater depths may occur on the shallow side of the line.   [Description] Depth curves should not be confused with a depth contour. Depth curves are generalised, are biased towards safety of navigation, and do not fully follow the rules for contour formation, that is, contours must close on themselves, must be continuous, and must precisely represent the shape of the bottom.

Bathymetric Measurement Quality Category	Bathymetric Measurement Technique	Depth Curve or Contour Value	*Feature Code*
Horizontal Accuracy Category	Hydrographic Depth	Memorandum	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Sounding Datum
Sounding Datum Name	Sounding Velocity Correction Method	Specified Enumerant(s)	Unique Entity Identifier
Vessel Draft Correction			

DepthCurve (Line 00)

Attribute Set

Depth Curve

A navigational safety line indicating that no sounding of a lesser depth exists seaward of the line, but greater depths may occur on the shallow side of the line.   [Description] Depth curves should not be confused with a depth contour. Depth curves are generalised, are biased towards safety of navigation, and do not fully follow the rules for contour formation, that is, contours must close on themselves, must be continuous, and must precisely represent the shape of the bottom.

Bathymetric Measurement Quality Category	Bathymetric Measurement Technique	Depth Curve or Contour Value	*Feature Code*
Horizontal Accuracy Category	Hydrographic Depth	Memorandum	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Sounding Datum
Sounding Datum Name	Sounding Velocity Correction Method	Specified Enumerant(s)	Unique Entity Identifier
Vessel Draft Correction			

Desert (Area 00)

Attribute Set

Desert

An arid and treeless uncultivated sparsely populated tract of land.

Area	*Feature Code*	Full Name	Length
Memorandum	Name Identifier	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	Terrain Surface Material
Unique Entity Identifier	Width		

DiscolouredWater (Area 00)

Attribute Set

Discoloured Water

A region of water having a colour distinctly different from that of the surrounding region.

Area	*Feature Code*	Full Name	Length
Memorandum	Name Identifier	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier
Width			

Feature

Definition

DiscolouredWater (Point 00)

Discoloured Water

Attribute Set

A region of water having a colour distinctly different from that of the surrounding region.

Area	*Feature Code*	Full Name	Length
Memorandum	Name Identifier	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier
Width			

DishAerial (Point 00)

Dish Aerial

Attribute Set

A concave-shaped aerial that is used for emitting and/or sensing electromagnetic energy.   [Description] For example, used to transmit and/or receive electronic signals as at a satellite station or to capture electromagnetic energy as in radio astronomy.

Angle of Orientation	Controlling Authority	Facility Operational Status	*Feature Code*
Full Name	Height Above Surface Level	Height of Object	Highest Elevation
Length	Memorandum	Name Identifier	Navigation Landmark
Physical Condition Of Facility	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	Structural Material Type	Unique Entity Identifier
Width			

DisposalSite (Area 00)

Disposal Site

Attribute Set

A site for the collection and/or deposition of refuse or discarded material.

Aeronautical Obstacle Light Present	Area	By-product	Facility Operational Status
Feature Code	Full Name	Height Above Surface Level	Highest Elevation
Length	Memorandum	Name Identifier	Navigation Landmark
Physical Condition Of Facility	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier	Vertical Obstruction Identifier
Width			

DisposalSite (Point 00)

Disposal Site

Attribute Set

A site for the collection and/or deposition of refuse or discarded material.

Aeronautical Obstacle Light Present	Area	By-product	Facility Operational Status
Feature Code	Full Name	Height Above Surface Level	Highest Elevation
Length	Memorandum	Name Identifier	Navigation Landmark
Physical Condition Of Facility	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier	Vertical Obstruction Identifier
Width			

DistanceMark (Point 00)

Distance Mark

Attribute Set

A marker that indicates the value of distance measured from a starting location.   [Description] Consists of either a solid visible structure or a distinct location without a special installation.

Facility Operational Status	*Feature Code*	Full Name	Height Above Surface Level
Highest Elevation	Maritime Navigation Marked	Memorandum	Name Identifier
Physical Condition Of Facility	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	Transportation System Type	Unique Entity Identifier

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Feature

Definition

Ditch (Area 00)

Attribute Set

Ditch

An artificial waterway with no flow, or a controlled flow, usually unlined, used for draining or irrigating land.

Above Water Bank Slope	Above Water Bank Slope	Area	*Arsenic Concentration*
Bank Orientation	Bank Orientation	*Chloride Concentration*	*Coliform Concentration*
Covered Drain	*Cyanide Concentration*	*Deepest Depth Below Surface*	Facility Operational Status
Feature Code	Full Name	Geographic Name Type	Highest Elevation
Horizontal Accuracy Category	Hydrologic Persistence	Length	*Magnesium Concentration*
Memorandum	Name Identifier	Navigation Landmark	*pH of Water*
Physical Condition Of Facility	Predominant Average Water Velocity	Predominant Water Depth	Predominant Waterbody Bank Height
Predominant Waterbody Bank Height	Predominant Waterbody Bank Slope	Predominant Waterbody Bank Slope	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Shoreline Delineated
Shoreline Delineated	Shoreline Type	Shoreline Type	Specified Enumerant(s)
Sulfate Concentration	*Temperature*	Terrain Gap Width	*Total Dissolved Solids*
Turbidity	Unique Entity Identifier	*Water Conductivity*	*Water Hardness*
Water Potability	Water Type	*Water Use*	Waterbody Bank Height
Waterbody Bank Height	Waterbody Bank Vegetation Cover	Waterbody Bank Vegetation Cover	Width

Ditch (Line 00)

Attribute Set

Ditch

An artificial waterway with no flow, or a controlled flow, usually unlined, used for draining or irrigating land.

Above Water Bank Slope	Above Water Bank Slope	Area	*Arsenic Concentration*
Bank Orientation	Bank Orientation	*Chloride Concentration*	*Coliform Concentration*
Covered Drain	*Cyanide Concentration*	*Deepest Depth Below Surface*	Facility Operational Status
Feature Code	Full Name	Geographic Name Type	Highest Elevation
Horizontal Accuracy Category	Hydrologic Persistence	Length	*Magnesium Concentration*
Memorandum	Name Identifier	Navigation Landmark	*pH of Water*
Physical Condition Of Facility	Predominant Average Water Velocity	Predominant Water Depth	Predominant Waterbody Bank Height
Predominant Waterbody Bank Height	Predominant Waterbody Bank Slope	Predominant Waterbody Bank Slope	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Shoreline Delineated
Shoreline Delineated	Shoreline Type	Shoreline Type	Specified Enumerant(s)
Sulfate Concentration	*Temperature*	Terrain Gap Width	*Total Dissolved Solids*
Turbidity	Unique Entity Identifier	*Water Conductivity*	*Water Hardness*
Water Potability	Water Type	*Water Use*	Waterbody Bank Height
Waterbody Bank Height	Waterbody Bank Vegetation Cover	Waterbody Bank Vegetation Cover	Width

Dolphin (Point 00)

Attribute Set

Dolphin

A post or group of posts used for mooring, warping a ship or as an aid to navigation.

Angle of Orientation	Area	Facility Operational Status	*Feature Code*
Length	Memorandum	Name Identifier	*Physical Condition Of Facility*
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Unique Entity Identifier		

DragonsTeeth (Area 00)

Attribute Set

Dragon's Teeth

Upward-pointing obstacles laid in the ground to slow or stop the movement of vehicles.   [Description] Typically constructed of regularly spaced concrete or metal shapes laid in single or multiple rows.

Feature   Definition

Area	Facility Operational Status	*Feature Code*	Height Above Surface Level
Length	Memorandum	*Physical Condition Of Facility*	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Structural Material Type	Unique Entity Identifier	Width	

DragonsTeeth (Line 00)   Dragon's Teeth

Attribute Set

Upward-pointing obstacles laid in the ground to slow or stop the movement of vehicles.   [Description] Typically constructed of regularly spaced concrete or metal shapes laid in single or multiple rows.

Area	Facility Operational Status	*Feature Code*	Height Above Surface Level
Length	Memorandum	*Physical Condition Of Facility*	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Structural Material Type	Unique Entity Identifier	Width	

DredgedArea (Area 00)   Dredged Area

Attribute Set

An area of the bottom of a body of water (for example: a channel) which has been deepened by dredging.

Area	Bathymetric Measurement Quality Category	Bathymetric Measurement Technique	Controlling Authority
Description of Aids to Navigation	*Feature Code*	Full Name	Hydrographic Depth
Length	Maintained	Maritime Navigation Marked	Memorandum
Name Identifier	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Sounding Datum	Sounding Datum Name	Sounding Velocity Correction Method
Specified Enumerant(s)	Unique Entity Identifier	Vessel Draft Correction	Width

DriveInTheatre (Area 00)   Drive-in Theatre

Attribute Set

A place where motion pictures are shown while viewers remain in their vehicles.

Address	Area	Facility Operational Status	*Feature Code*
Feature Function	Full Name	Height Above Surface Level	Highest Elevation
Length	Memorandum	Name Identifier	Navigation Landmark
Physical Condition Of Facility	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier	Width

DryDock (Area 00)   Dry Dock

Attribute Set

An artificial basin fitted with a gate or caisson into which vessels can be floated and the water pumped out to expose the bottom of the vessel.

Area	Controlling Authority	*Deepest Depth Below Surface*	Facility Operational Status
Feature Code	Full Name	Height Above Surface Level	Highest Elevation
Length	*Maximum Water Depth*	Memorandum	Name Identifier
Navigation Landmark	*Physical Condition Of Facility*	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	Structural Material Type
Unique Entity Identifier	Usable Length	Usable Width	Width

ElectricPowerStation (Area 00)   Electric Power Station

Attribute Set

A facility including one or more buildings and equipment used for electric power generation.   [Description] An electric power station consists of one or more power generating units, each consisting of the full set of equipment required to generate power and capable of independent operation. The power generating units are located on one or more contiguous or adjacent properties, are under the common control of the same entity and supply power through a common connection to the electric grid. Electric power stations most commonly are used to generate electricity for long distance transmission.

Feature

Definition

Address	Area	Facility Operational Status	*Feature Code*
Full Name	Height Above Surface Level	Highest Elevation	Length
Memorandum	Name Identifier	Navigation Landmark	*Physical Condition Of Facility*
Power Source	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier	Vertical Construction Material
Width			

ElectricPowerStation (Point 00)   **Electric Power Station**

Attribute Set

A facility including one or more buildings and equipment used for electric power generation.   [Description] An electric power station consists of one or more power generating units, each consisting of the full set of equipment required to generate power and capable of independent operation. The power generating units are located on one or more contiguous or adjacent properties, are under the common control of the same entity and supply power through a common connection to the electric grid. Electric power stations most commonly are used to generate electricity for long distance transmission.

Address	Area	Facility Operational Status	*Feature Code*
Full Name	Height Above Surface Level	Highest Elevation	Length
Memorandum	Name Identifier	Navigation Landmark	*Physical Condition Of Facility*
Power Source	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier	Vertical Construction Material
Width			

ElevationContour (Line 00)   **Elevation Contour**

Attribute Set

A line connecting points having the same elevation value relative to a vertical datum.

Elevation Surface Category	*Feature Code*	Highest Elevation	Hypsography Portrayal Type
Memorandum	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier	

Embankment (Area 00)   **Embankment**

Attribute Set

A man-made raised long mound of earth or other material.

Area	Embankment Type	Facility Operational Status	*Feature Code*
Full Name	Grading Type	Height Above Surface Level	Highest Elevation
Length	Memorandum	Name Identifier	Navigation Landmark
Physical Condition Of Facility	Predominant Feature Height	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	Structural Material Type
Surface Slope	Transportation System Type	Unique Entity Identifier	Water Level Effect
Width			

Embankment (Line 00)   **Embankment**

Attribute Set

A man-made raised long mound of earth or other material.

Area	Embankment Type	Facility Operational Status	*Feature Code*
Full Name	Grading Type	Height Above Surface Level	Highest Elevation
Length	Memorandum	Name Identifier	Navigation Landmark
Physical Condition Of Facility	Predominant Feature Height	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	Structural Material Type
Surface Slope	Transportation System Type	Unique Entity Identifier	Water Level Effect
Width			

Feature   Definition

EngineeredEarthwork (Area 00)

Engineered Earthwork

Attribute Set

An excavation and/or embankment created by remolding the natural configuration of the terrain for the purpose of enhancing the defense of a site from armed attack.   [Description] The earthwork may include ancillary elements (for example: a palisade) or reinforcements (for example: a concrete facing).

Area	*Deepest Depth Below Surface*	Engineered Earthwork Type	Facility Operational Status
Feature Code	Full Name	*Hazard Shelter Intended Use*	Length
Memorandum	Military Service Branch	Name Identifier	Navigation Landmark
Permanent	*Physical Condition Of Facility*	Predominant Feature Height	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Structural Material Type	Terrain Gap Width	Unique Entity Identifier	Width

EngineeredEarthwork (Line 00)

Engineered Earthwork

Attribute Set

An excavation and/or embankment created by remolding the natural configuration of the terrain for the purpose of enhancing the defense of a site from armed attack.   [Description] The earthwork may include ancillary elements (for example: a palisade) or reinforcements (for example: a concrete facing).

Area	*Deepest Depth Below Surface*	Engineered Earthwork Type	Facility Operational Status
Feature Code	Full Name	*Hazard Shelter Intended Use*	Length
Memorandum	Military Service Branch	Name Identifier	Navigation Landmark
Permanent	*Physical Condition Of Facility*	Predominant Feature Height	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Structural Material Type	Terrain Gap Width	Unique Entity Identifier	Width

EngineTestCell (Area 00)

Engine Test Cell

Attribute Set

A structure wherein aircraft or rocket engines are tested.   [Description] The most common test cells are used for testing the performance characteristics of jet engines and are typically located at military aerodromes or aerospace research and development facilities. Test cells for liquid-fueled rocket booster engines are unique, massive structures (for example: the test cell located at Stennis Space Flight Center in the U.S.).

Aeronautical Obstacle Light Present	Area	Engine Test Cell Type	Facility Operational Status
Feature Code	Full Name	Height Above Surface Level	Highest Elevation
Length	Location Referenced to Shoreline	Memorandum	Name Identifier
Navigation Landmark	*Physical Condition Of Facility*	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier
Vertical Obstruction Identifier	Width		

EngineTestCell (Point 00)

Engine Test Cell

Attribute Set

A structure wherein aircraft or rocket engines are tested.   [Description] The most common test cells are used for testing the performance characteristics of jet engines and are typically located at military aerodromes or aerospace research and development facilities. Test cells for liquid-fueled rocket booster engines are unique, massive structures (for example: the test cell located at Stennis Space Flight Center in the U.S.).

Aeronautical Obstacle Light Present	Area	Engine Test Cell Type	Facility Operational Status
Feature Code	Full Name	Height Above Surface Level	Highest Elevation
Length	Location Referenced to Shoreline	Memorandum	Name Identifier
Navigation Landmark	*Physical Condition Of Facility*	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier
Vertical Obstruction Identifier	Width		

Esker (Line 00)

Esker

Attribute Set

A long, narrow ridge of sand and gravel deposited by a glacial stream.

Feature   Definition

Area	*Feature Code*	Full Name	Height Above Surface Level
Highest Elevation	Length	Memorandum	Name Identifier
Navigation Landmark	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier	Width

ExcavatingMachine (Line 00)   Excavating Machine

A mechanical device for removing materials from the ground. [Description] For example, a dredger, a powershovel, and a dragline.

Attribute Set

Aeronautical Obstacle Light Present	Area	Facility Operational Status	*Feature Code*
Full Name	Height Above Surface Level	Highest Elevation	Length
Memorandum	Name Identifier	Navigation Landmark	*Physical Condition Of Facility*
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Unique Entity Identifier	Vertical Obstruction Identifier	Width

ExcavatingMachine (Point 00)   Excavating Machine

A mechanical device for removing materials from the ground. [Description] For example, a dredger, a powershovel, and a dragline.

Attribute Set

Aeronautical Obstacle Light Present	Area	Facility Operational Status	*Feature Code*
Full Name	Height Above Surface Level	Highest Elevation	Length
Memorandum	Name Identifier	Navigation Landmark	*Physical Condition Of Facility*
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Unique Entity Identifier	Vertical Obstruction Identifier	Width

ExtractionMine (Area 00)   Extraction Mine

An excavation made in the terrain for the purpose of extracting and/or exploiting natural resources.

Attribute Set

Area	*Deepest Depth Below Surface*	Extraction Mine Type	Facility Operational Status
Feature Code	Feature Function	Full Name	*Hazard Shelter Intended Use*
Height Above Surface Level	Highest Elevation	*Least Depth Below Surface*	Length
Memorandum	Name Identifier	Navigation Landmark	*Physical Condition Of Facility*
Product	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	Underground Mine Access	Unique Entity Identifier
Vertical Relative Location	Width		

ExtractionMine (Point 00)   Extraction Mine

An excavation made in the terrain for the purpose of extracting and/or exploiting natural resources.

Attribute Set

Area	*Deepest Depth Below Surface*	Extraction Mine Type	Facility Operational Status
Feature Code	Feature Function	Full Name	*Hazard Shelter Intended Use*
Height Above Surface Level	Highest Elevation	*Least Depth Below Surface*	Length
Memorandum	Name Identifier	Navigation Landmark	*Physical Condition Of Facility*
Product	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	Underground Mine Access	Unique Entity Identifier
Vertical Relative Location	Width		

Facility (Area 00)   Facility

Attribute Set

An area that has been developed to perform a specific principal function, consisting of one or more vertical constructions (for example: structures or buildings), horizontal constructions (for example: pavements, roads, rail tracks, or bridges), and/or supporting utilities (for example: power lines, water supply, or sewerage), plus the underlying land. [Description] For example, an industrial plant consisting of building(s), shipping dock(s), storage area(s), power transformer(s), heating and/or cooling equipment, vehicle parking, roads, railroad tracks, and perimeter fences and gates.

Feature

Definition

Address	Angle of Orientation	Area	*Arsenic Concentration*
By-product	*Chloride Concentration*	*Coliform Concentration*	Controlling Authority
Cyanide Concentration	*Device Power Type*	*Device Relative Location*	Facility Operational Status
Feature Code	Feature Function	Full Name	Geographic Name Type
Height Above Surface Level	Highest Elevation	*Hospital Bed Count*	Length
Magnesium Concentration	Memorandum	Name Identifier	Navigation Landmark
pH of Water	*Physical Condition Of Facility*	Product	*Pump Type*
Purification Process	Raw Material	Religious Designation	Religious Facility Type
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	*Sulfate Concentration*	*Temperature*	*Total Dissolved Solids*
Turbidity	Unique Entity Identifier	Vertical Construction Material	*Water Conductivity*
Water Flow	*Water Hardness*	Water Potability	Water Type
Water Use	Width	Wireless Telecommunication Type	

Facility (Point 00)   **Facility**

Attribute Set

An area that has been developed to perform a specific principal function, consisting of one or more vertical constructions (for example: structures or buildings), horizontal constructions (for example: pavements, roads, rail tracks, or bridges), and/or supporting utilities (for example: power lines, water supply, or sewerage), plus the underlying land.   [Description] For example, an industrial plant consisting of building(s), shipping dock(s), storage area(s), power transformer(s), heating and/or cooling equipment, vehicle parking, roads, railroad tracks, and perimeter fences and gates.

Address	Angle of Orientation	Area	*Arsenic Concentration*
By-product	*Chloride Concentration*	*Coliform Concentration*	Controlling Authority
Cyanide Concentration	*Device Power Type*	*Device Relative Location*	Facility Operational Status
Feature Code	Feature Function	Full Name	Geographic Name Type
Height Above Surface Level	Highest Elevation	*Hospital Bed Count*	Length
Magnesium Concentration	Memorandum	Name Identifier	Navigation Landmark
pH of Water	*Physical Condition Of Facility*	Product	*Pump Type*
Purification Process	Raw Material	Religious Designation	Religious Facility Type
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	*Sulfate Concentration*	*Temperature*	*Total Dissolved Solids*
Turbidity	Unique Entity Identifier	Vertical Construction Material	*Water Conductivity*
Water Flow	*Water Hardness*	Water Potability	Water Type
Water Use	Width	Wireless Telecommunication Type	

FacilityPnt (FeatureGroup 00)   ***FacilityPnt***

Attribute Set

A collection of features that represent areas having one or more vertical constructions, horizontal constructions, and/or supporting utilities that serve a specific principal function.

FacilitySrf (FeatureGroup 00)   ***FacilitySrf***

Attribute Set

A collection of features that represent areas having one or more vertical constructions, horizontal constructions, and/or supporting utilities that serve a specific principal function.

Fairground (Area 00)   **Fairground**

Attribute Set

An area where permanent facilities exist to hold outdoor fairs, circuses or exhibitions.

Feature

Definition

Address	Area	Facility Operational Status	*Feature Code*
Feature Function	Full Name	Height Above Surface Level	Highest Elevation
Length	Memorandum	Name Identifier	Navigation Landmark
Physical Condition Of Facility	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier	Width

FeatureAttGAMetadata (Area 00)   Feature Attribute GEOINT Assurance Metadata

Attribute Set

A modeling entity collecting assurance information about the quality of the digital representation of a Geospatial Intelligence (GEOINT) feature attribute.   [Description] For example, the currency of the information known about a feature attribute or the degree to which the attribute value is accurately and/or completely determined.

Currency Date and Time	Data Quality Statement	*Feature Code*	Memorandum
Referenced Feature Name	*Referenced Feature Number*	*Referenced Feature Unique Identifier*	*Referenced Field Name*
Refrenced Feature Group Name	Specified Enumerant(s)	Unique Entity Identifier	

FeatureGAMetadata (Area 00)   Feature GEOINT Assurance Metadata

Attribute Set

A modeling entity collecting assurance information about the quality of the digital representation of a Geospatial Intelligence (GEOINT) feature and its properties (attributes and associations).   [Description] For example, the currency of the information known about a feature or the degree to which the properties of a feature are accurately and/or completely determined.

Currency Date and Time	Data Quality Statement	Existence Certainty Category	*Feature Code*
Memorandum	*Referenced Feature Name*	*Referenced Feature Number*	*Referenced Feature Unique Identifier*
Refrenced Feature Group Name	Specified Enumerant(s)	Underwater Delineation Quality	Unique Entity Identifier

Fence (Line 00)   Fence

Attribute Set

A man-made barrier of relatively light structure used as an enclosure or boundary.   [Description] Similar structures that are constructed of heavy materials (for example: stone, rock or masonry) are classified as walls.

Barrier Top Type	Facility Operational Status	*Feature Code*	Fence Type
Height Above Surface Level	Highest Elevation	Length	Memorandum
Navigation Landmark	*Physical Condition Of Facility*	Predominant Feature Height	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Structural Material Type	Thickness	Unique Entity Identifier	

FerryCrossing (Line 00)   Ferry Crossing

Attribute Set

A route where a ferry crosses from one shore to another.

Facility Operational Status	*Feature Code*	Ferry Crossing Distance	Ferry Crossing Type
Full Name	Horizontal Accuracy Category	Length	Memorandum
Motorized Crossing	Name Identifier	Navigation Landmark	Operating Cycle
Physical Condition Of Facility	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	Transportation System Type	Unique Entity Identifier

FerryCrossing (Point 00)   Ferry Crossing

Attribute Set

A route where a ferry crosses from one shore to another.

Facility Operational Status	*Feature Code*	Ferry Crossing Distance	Ferry Crossing Type
Full Name	Horizontal Accuracy Category	Length	Memorandum
Motorized Crossing	Name Identifier	Navigation Landmark	Operating Cycle
Physical Condition Of Facility	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	Transportation System Type	Unique Entity Identifier

Feature

Definition

FerryStation (Area 00)

Ferry Station

Attribute Set

A location where a ferry takes on or discharges its load.

Address	Aeronautical Obstacle Light Present	Area	*Attached Building*
Facility Operational Status	*Feature Code*	Feature Function	Full Name
Hazard Shelter Intended Use	Height Above Surface Level	Highest Elevation	Length
Memorandum	*Multi-unit Building*	Name Identifier	Navigation Landmark
Physical Condition Of Facility	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Roof Shape	Specified Enumerant(s)	Transportation System Type
Unique Entity Identifier	Vertical Obstruction Identifier	Width	

FerryStation (Point 00)

Ferry Station

Attribute Set

A location where a ferry takes on or discharges its load.

Address	Aeronautical Obstacle Light Present	Area	*Attached Building*
Facility Operational Status	*Feature Code*	Feature Function	Full Name
Hazard Shelter Intended Use	Height Above Surface Level	Highest Elevation	Length
Memorandum	*Multi-unit Building*	Name Identifier	Navigation Landmark
Physical Condition Of Facility	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Roof Shape	Specified Enumerant(s)	Transportation System Type
Unique Entity Identifier	Vertical Obstruction Identifier	Width	

FireHydrant (Point 00)

Fire Hydrant

Attribute Set

An apparatus for drawing water directly from a main, especially alongside a street or road, consisting of a pipe with one or more nozzles or spouts, to which a hose of a fire-engine may be attached.

Arsenic Concentration	*Chloride Concentration*	*Coliform Concentration*	*Cyanide Concentration*
Facility Operational Status	*Feature Code*	Full Name	Height Above Surface Level
Highest Elevation	Length	*Magnesium Concentration*	Memorandum
Name Identifier	Navigation Landmark	*pH of Water*	*Physical Condition Of Facility*
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	*Sulfate Concentration*	*Temperature*	*Total Dissolved Solids*
Turbidity	Unique Entity Identifier	*Water Conductivity*	*Water Hardness*
Water Potability	Water Type	*Water Use*	

FiringRange (Area 00)

Firing Range

Attribute Set

A site designated for the purpose of discharging firearms or detonating munitions.

Area	Controlling Authority	Facility Operational Status	*Feature Code*
Feature Function	Full Name	Height Above Surface Level	Highest Elevation
Hydrographic Depth	Length	Memorandum	Military Service Branch
Name Identifier	Permanent	*Physical Condition Of Facility*	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Structural Material Type	Unique Entity Identifier	Weapons Range Type	Width

---

FiringRange (Point 00)

Firing Range

Attribute Set

A site designated for the purpose of discharging firearms or detonating munitions.

Feature   ## Definition

Area	Controlling Authority	Facility Operational Status	*Feature Code*
Feature Function	Full Name	Height Above Surface Level	Highest Elevation
Hydrographic Depth	Length	Memorandum	Military Service Branch
Name Identifier	Permanent	*Physical Condition Of Facility*	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Structural Material Type	Unique Entity Identifier	Weapons Range Type	Width

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FishFarmFacility (Area 00)   **Fish Farm Facility**

Attribute Set

A facility involved in the breeding (hatching and associated activities) and cultivation (raising for release or harvesting) of fish in tanks or landlocked enclosures. [Description] Fish species raised on fish farms include, for example, salmon, catfish, tilapia, cod, carp, and trout.

Area	*Arsenic Concentration*	*Chloride Concentration*	*Coliform Concentration*
Cyanide Concentration	Facility Operational Status	*Feature Code*	Full Name
Hydrologic Persistence	Length	*Magnesium Concentration*	Memorandum
Name Identifier	Navigation Landmark	*pH of Water*	*Physical Condition Of Facility*
Product	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	*Sulfate Concentration*	*Temperature*
Total Dissolved Solids	*Turbidity*	Unique Entity Identifier	Volume
Water Conductivity	*Water Hardness*	Water Potability	Water Type
Water Use	Width		

FishFarmFacility (Point 00)   **Fish Farm Facility**

Attribute Set

A facility involved in the breeding (hatching and associated activities) and cultivation (raising for release or harvesting) of fish in tanks or landlocked enclosures. [Description] Fish species raised on fish farms include, for example, salmon, catfish, tilapia, cod, carp, and trout.

Area	*Arsenic Concentration*	*Chloride Concentration*	*Coliform Concentration*
Cyanide Concentration	Facility Operational Status	*Feature Code*	Full Name
Hydrologic Persistence	Length	*Magnesium Concentration*	Memorandum
Name Identifier	Navigation Landmark	*pH of Water*	*Physical Condition Of Facility*
Product	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	*Sulfate Concentration*	*Temperature*
Total Dissolved Solids	*Turbidity*	Unique Entity Identifier	Volume
Water Conductivity	*Water Hardness*	Water Potability	Water Type
Water Use	Width		

FishingStakes (Line 00)   **Fishing Stakes**

Attribute Set

Poles or stakes placed in shallow water to outline fishing grounds or to catch fish.

Area	Bathymetric Measurement Quality Category	Bathymetric Measurement Quality Category	Bathymetric Measurement Technique
Bathymetric Measurement Technique	Depth Exposition	Elevation Above Waterbody Floor	Facility Operational Status
Feature Code	Full Name	Height Above Surface Level	Height Above Waterbody Floor
Height of Object	Hydrographic Base Height	Hydrographic Depth	Hydrographic Drying Height
Length	Maritime Navigation Marked	Memorandum	Name Identifier
Permanent	*Physical Condition Of Facility*	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Sonar-confirmed	Sounding Datum
Sounding Datum	Sounding Datum Name	Sounding Datum Name	Sounding Velocity Correction Method
Sounding Velocity Correction Method	Specified Enumerant(s)	Structural Material Type	Uncovering Height Known
Unique Entity Identifier	Vessel Draft Correction	Vessel Draft Correction	Water Level Effect
Water Level Effect	Width		

Feature	Definition

FishLadder (Line 00) — **Fish Ladder**

Attribute Set — **A series of ascending pools constructed to enable fish to swim upstream over (or around) a dam.**

Area	Facility Operational Status	*Feature Code*	Full Name
Length	Memorandum	Name Identifier	*Physical Condition Of Facility*
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Unique Entity Identifier	Width	

FishWeir (Area 00) — **Fish Weir**

Attribute Set — **A fence of stakes or stones set in a river or along the shore to trap fish.**

Facility Operational Status	*Feature Code*	Full Name	Length
Memorandum	Name Identifier	Periodic Restriction Month Interval	*Physical Condition Of Facility*
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Unique Entity Identifier		

FishWeir (Point 00) — **Fish Weir**

Attribute Set — **A fence of stakes or stones set in a river or along the shore to trap fish.**

Facility Operational Status	*Feature Code*	Full Name	Length
Memorandum	Name Identifier	Periodic Restriction Month Interval	*Physical Condition Of Facility*
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Unique Entity Identifier		

Flagpole (Point 00) — **Flagpole**

Attribute Set — **A staff or pole on which a flag is raised.**

Aeronautical Obstacle Light Present	Facility Operational Status	*Feature Code*	Full Name
Height Above Surface Level	Height of Object	Highest Elevation	Length
Memorandum	Name Identifier	Navigation Landmark	*Physical Condition Of Facility*
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Unique Entity Identifier	Vertical Obstruction Identifier	

FlarePipe (Point 00) — **Flare Pipe**

Attribute Set — **An open-ended pipe at which waste gases are burned.**

Aeronautical Obstacle Light Present	Area	Facility Operational Status	*Feature Code*
Guyed	Height Above Surface Level	Highest Elevation	Length
Location Referenced to Shoreline	Memorandum	Navigation Landmark	*Physical Condition Of Facility*
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Unique Entity Identifier	Vertical Construction Material	Vertical Obstruction Identifier
Width			

FloatingDryDock (Area 00) — **Floating Dry Dock**

Attribute Set — **A form of dry dock consisting of a floating structure of one or more sections which can be partly submerged by controlled flooding to receive a vessel, then raised by pumping out the water so that the vessel's bottom can be exposed.**

Feature

Definition

Area	Controlling Authority	*Deepest Depth Below Surface*	Facility Operational Status
Feature Code	Full Name	Height Above Surface Level	Highest Elevation
Length	*Maximum Water Depth*	Memorandum	Name Identifier
Navigation Landmark	*Physical Condition Of Facility*	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	Structural Material Type
Unique Entity Identifier	Width		

FloodControlStructure (Area 00)

Flood Control Structure

Attribute Set

An artificial structure or gate that is utilized as a defense against flooding or storm surges.   [Description] Consideration should be given to using the more specific Dam or Embankment features where appropriate in lieu of Flood Control Structure.

Angle of Orientation	Area	Facility Operational Status	*Feature Code*
Flood Control Structure Type	Full Name	Height Above Surface Level	Highest Elevation
Hydrographic Depth	Length	Memorandum	Name Identifier
Physical Condition Of Facility	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	Structural Material Type	Unique Entity Identifier
Width			

FloodControlStructure (Line 00)

Flood Control Structure

Attribute Set

An artificial structure or gate that is utilized as a defense against flooding or storm surges.   [Description] Consideration should be given to using the more specific Dam or Embankment features where appropriate in lieu of Flood Control Structure.

Angle of Orientation	Area	Facility Operational Status	*Feature Code*
Flood Control Structure Type	Full Name	Height Above Surface Level	Highest Elevation
Hydrographic Depth	Length	Memorandum	Name Identifier
Physical Condition Of Facility	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	Structural Material Type	Unique Entity Identifier
Width			

FloodControlStructure (Point 00)

Flood Control Structure

Attribute Set

An artificial structure or gate that is utilized as a defense against flooding or storm surges.   [Description] Consideration should be given to using the more specific Dam or Embankment features where appropriate in lieu of Flood Control Structure.

Angle of Orientation	Area	Facility Operational Status	*Feature Code*
Flood Control Structure Type	Full Name	Height Above Surface Level	Highest Elevation
Hydrographic Depth	Length	Memorandum	Name Identifier
Physical Condition Of Facility	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	Structural Material Type	Unique Entity Identifier
Width			

Ford (Area 00)

Ford

Attribute Set

A shallow place in a body of water used as a crossing.

Area	Bottom Material Type	Facility Operational Status	*Feature Code*
Full Name	Length	Memorandum	Name Identifier
Physical Condition Of Facility	Predominant Average Water Velocity	Predominant Maximum Water Depth	Predominant Maximum Water Velocity
Predominant Minimum Water Depth	Predominant Minimum Water Velocity	Predominant Water Depth	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Route Surface Composition
Specified Enumerant(s)	Transportation System Type	Unique Entity Identifier	Waterbody Depth
Width			

Feature

Definition

Ford (Line 00)   **Ford**

Attribute Set   **A shallow place in a body of water used as a crossing.**

Area	Bottom Material Type	Facility Operational Status	*Feature Code*
Full Name	Length	Memorandum	Name Identifier
Physical Condition Of Facility	Predominant Average Water Velocity	Predominant Maximum Water Depth	Predominant Maximum Water Velocity
Predominant Minimum Water Depth	Predominant Minimum Water Velocity	Predominant Water Depth	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Route Surface Composition
Specified Enumerant(s)	Transportation System Type	Unique Entity Identifier	Waterbody Depth
Width			

Ford (Point 00)   **Ford**

Attribute Set   **A shallow place in a body of water used as a crossing.**

Area	Bottom Material Type	Facility Operational Status	*Feature Code*
Full Name	Length	Memorandum	Name Identifier
Physical Condition Of Facility	Predominant Average Water Velocity	Predominant Maximum Water Depth	Predominant Maximum Water Velocity
Predominant Minimum Water Depth	Predominant Minimum Water Velocity	Predominant Water Depth	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Route Surface Composition
Specified Enumerant(s)	Transportation System Type	Unique Entity Identifier	Waterbody Depth
Width			

Foreshore (Area 00)   **Foreshore**

Attribute Set   **The part of the shore or beach which lies between the low water mark and the upper limit of normal wave action.**

Feature Code	Full Name	Memorandum	Name Identifier
Primary Structural Material Characteristic	Primary Structural Material Characteristic	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Sediment Colour	Sediment Colour
Specified Enumerant(s)	Structural Material Type	Structural Material Type	Unique Entity Identifier

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Forest (Area 00)   **Forest**

Attribute Set   **A tract of land primarily covered by trees and undergrowth.   [Description] The area is sometimes mixed with pasture.**

Area	Canopy Cover	Delineation Known	*Feature Code*
Foliage Type	Full Name	Height Above Surface Level	Highest Elevation
Isolated	Length	Memorandum	Name Identifier
Navigation Landmark	Predominant Vegetation Height	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Shelter Belt	Specified Enumerant(s)
Stem Diameter	Tree Spacing	Undergrowth Density	Unique Entity Identifier
Vegetation Species	Vegetation Trafficability Impact	Width	

Forest (Line 00)   **Forest**

Attribute Set   **A tract of land primarily covered by trees and undergrowth.   [Description] The area is sometimes mixed with pasture.**

Area	Canopy Cover	Delineation Known	*Feature Code*
Foliage Type	Full Name	Height Above Surface Level	Highest Elevation
Isolated	Length	Memorandum	Name Identifier
Navigation Landmark	Predominant Vegetation Height	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Shelter Belt	Specified Enumerant(s)
Stem Diameter	Tree Spacing	Undergrowth Density	Unique Entity Identifier
Vegetation Species	Vegetation Trafficability Impact	Width	

Feature   Definition

ForestClearing (Area 00)   **Forest Clearing**

Attribute Set

A site in a forest or wood(s) that has been cleared, often for slash and burn agriculture and/or as a result of clear-cutting logging.   [Description] May also occur from natural causes such as a forest fire.

Area	*Feature Code*	Full Name	Length
Memorandum	Name Identifier	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier
Width			

FortifiedBuilding (Area 00)   **Fortified Building**

Attribute Set

A building that is specifically designed or reinforced to provide for defense from armed attack.

Address	Aeronautical Obstacle Light Present	Angle of Orientation	Area
Attached Building	By-product	Controlling Authority	Facility Operational Status
Feature Code	Feature Function	*Fence Exists*	Floor Count
Fortified Building Type	Full Name	*Gate Exists*	*Hazard Shelter Intended Use*
Height Above Surface Level	Highest Elevation	Length	Memorandum
Military Service Branch	*Multi-unit Building*	Name Identifier	Navigation Landmark
Physical Condition Of Facility	Product	Raw Material	Relative Level
Residence Configuration Type	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Roof Shape	Specified Enumerant(s)	Unique Entity Identifier
Vertical Construction Material	Vertical Obstruction Identifier	Width	*Window Type*
Windows Per Story	Wireless Telecommunication Type		

FortifiedBuilding (Point 00)   **Fortified Building**

Attribute Set

A building that is specifically designed or reinforced to provide for defense from armed attack.

Address	Aeronautical Obstacle Light Present	Angle of Orientation	Area
Attached Building	By-product	Controlling Authority	Facility Operational Status
Feature Code	Feature Function	*Fence Exists*	Floor Count
Fortified Building Type	Full Name	*Gate Exists*	*Hazard Shelter Intended Use*
Height Above Surface Level	Highest Elevation	Length	Memorandum
Military Service Branch	*Multi-unit Building*	Name Identifier	Navigation Landmark
Physical Condition Of Facility	Product	Raw Material	Relative Level
Residence Configuration Type	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Roof Shape	Specified Enumerant(s)	Unique Entity Identifier
Vertical Construction Material	Vertical Obstruction Identifier	Width	*Window Type*
Windows Per Story	Wireless Telecommunication Type		

FoulGround (Area 00)   **Foul Ground**

Attribute Set

A region over which it is safe to navigate but which should be avoided for anchoring, intentional grounding, or ground fishing.

Aggregation	Area	Bathymetric Measurement Quality Category	Bathymetric Measurement Technique
Component Feature Count	Dangerous to Navigation	Delineation Known	Depth Exposition
Elevation Above Waterbody Floor	*Feature Code*	Full Name	Height Above Waterbody Floor
Height of Object	Hydrographic Depth	Hydrographic Drying Height	Length
Maritime Navigation Marked	Memorandum	Name Identifier	Non-submarine Contact Reporting Agency Type
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Sonar-confirmed	Sounding Datum	Sounding Datum Name	Sounding Velocity Correction Method
Specified Enumerant(s)	Structural Material Type	Submarine-like Object	Uncovering Height Known
Unique Entity Identifier	Vessel Draft Correction	Width	

Feature

Definition

FoulGround (Point 00)

Attribute Set

Foul Ground

A region over which it is safe to navigate but which should be avoided for anchoring, intentional grounding, or ground fishing.

Aggregation	Area	Bathymetric Measurement Quality Category	Bathymetric Measurement Technique
Component Feature Count	Dangerous to Navigation	Delineation Known	Depth Exposition
Elevation Above Waterbody Floor	*Feature Code*	Full Name	Height Above Waterbody Floor
Height of Object	Hydrographic Depth	Hydrographic Drying Height	Length
Maritime Navigation Marked	Memorandum	Name Identifier	Non-submarine Contact Reporting Agency Type
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Sonar-confirmed	Sounding Datum	Sounding Datum Name	Sounding Velocity Correction Method
Specified Enumerant(s)	Structural Material Type	Submarine-like Object	Uncovering Height Known
Unique Entity Identifier	Vessel Draft Correction	Width	

Fountain (Area 00)

Attribute Set

Fountain

A monumental and/or ornamental structure containing moving water, often including jets, falls, or other decorative features.   [Description] The structure is often of a civic nature; the water is typically recirculated.

Area	*Arsenic Concentration*	*Chloride Concentration*	*Coliform Concentration*
Cyanide Concentration	Facility Operational Status	*Feature Code*	Full Name
Height Above Surface Level	Highest Elevation	Hydrologic Persistence	Length
Magnesium Concentration	Memorandum	Name Identifier	Navigation Landmark
pH of Water	*Physical Condition Of Facility*	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	*Sulfate Concentration*
Temperature	*Total Dissolved Solids*	*Turbidity*	Unique Entity Identifier
Volume	*Water Conductivity*	*Water Hardness*	Water Potability
Water Type	*Water Use*	Width	

Fountain (Point 00)

Attribute Set

Fountain

A monumental and/or ornamental structure containing moving water, often including jets, falls, or other decorative features.   [Description] The structure is often of a civic nature; the water is typically recirculated.

Area	*Arsenic Concentration*	*Chloride Concentration*	*Coliform Concentration*
Cyanide Concentration	Facility Operational Status	*Feature Code*	Full Name
Height Above Surface Level	Highest Elevation	Hydrologic Persistence	Length
Magnesium Concentration	Memorandum	Name Identifier	Navigation Landmark
pH of Water	*Physical Condition Of Facility*	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	*Sulfate Concentration*
Temperature	*Total Dissolved Solids*	*Turbidity*	Unique Entity Identifier
Volume	*Water Conductivity*	*Water Hardness*	Water Potability
Water Type	*Water Use*	Width	

FuelStorageFacility (Area 00)

Attribute Set

Fuel Storage Facility

A facility for the storage of fuel (for example: jet fuel, gasoline, or diesel oil).   [Description] The fuel is typically stored in large tanks that may be partially or wholly buried and is accompanied by metering and dispensing equipment. Facilities may range in size from a small stockpile of drums (sometimes termed a 'fuel dump') to a large perimeter-controlled site with multiple permanent surface tanks, in-ground pipelines and associated equipment (sometimes termed a 'fuel depot').

Feature

Definition

Address	Area	Controlling Authority	Facility Operational Status
Feature Code	Feature Function	Full Name	Height Above Surface Level
Highest Elevation	Length	Located Underground	Memorandum
Name Identifier	Navigation Landmark	*Physical Condition Of Facility*	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Unique Entity Identifier	Width		

FuelStorageFacility (Point 00)

Fuel Storage Facility

Attribute Set

A facility for the storage of fuel (for example: jet fuel, gasoline, or diesel oil).   [Description] The fuel is typically stored in large tanks that may be partially or wholly buried and is accompanied by metering and dispensing equipment. Facilities may range in size from a small stockpile of drums (sometimes termed a 'fuel dump') to a large perimeter-controlled site with multiple permanent surface tanks, in-ground pipelines and associated equipment (sometimes termed a 'fuel depot').

Address	Area	Controlling Authority	Facility Operational Status
Feature Code	Feature Function	Full Name	Height Above Surface Level
Highest Elevation	Length	Located Underground	Memorandum
Name Identifier	Navigation Landmark	*Physical Condition Of Facility*	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Unique Entity Identifier	Width		

Gantry (Line 00)

Gantry

Attribute Set

A permanent raised structure used to support equipment (for example: cranes, signal lights, or signs) while spanning over or around an object (for example: over a road or railroad, or around a ship hull or rocket).   [Description] A gantry may be moveable (for example: a rocket gantry may be repositioned away from the launch pad when pre-launch preparations are complete). A 'scaffold' is a structure that may be similar in appearance but is assembled only for temporary use (for example: during external repair of a building).

Aeronautical Obstacle Light Present	Area	Crane Mobility Type	Facility Operational Status
Feature Code	Feature Function	Height Above Surface Level	Highest Elevation
Length	Memorandum	Navigation Landmark	*Physical Condition Of Facility*
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Unique Entity Identifier	Vertical Construction Material	Vertical Obstruction Identifier
Width			

Gantry (Point 00)

Gantry

Attribute Set

A permanent raised structure used to support equipment (for example: cranes, signal lights, or signs) while spanning over or around an object (for example: over a road or railroad, or around a ship hull or rocket).   [Description] A gantry may be moveable (for example: a rocket gantry may be repositioned away from the launch pad when pre-launch preparations are complete). A 'scaffold' is a structure that may be similar in appearance but is assembled only for temporary use (for example: during external repair of a building).

Aeronautical Obstacle Light Present	Area	Crane Mobility Type	Facility Operational Status
Feature Code	Feature Function	Height Above Surface Level	Highest Elevation
Length	Memorandum	Navigation Landmark	*Physical Condition Of Facility*
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Unique Entity Identifier	Vertical Construction Material	Vertical Obstruction Identifier
Width			

Gate (Line 00)

Gate

Attribute Set

A barrier on a transportation route (for example: a road, a railway, a tunnel, or a bridge) that controls passage (may be opened and closed).

Feature   ## Definition

Controlling Authority	Facility Operational Status	*Feature Code*	Feature Function
Full Name	Gate Use	Height Above Surface Level	Length
Memorandum	Name Identifier	*Physical Condition Of Facility*	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Route Total Usable Width
Specified Enumerant(s)	Thickness	Transportation System Type	Unique Entity Identifier

---

Gate (Point 00)

Gate

Attribute Set

A barrier on a transportation route (for example: a road, a railway, a tunnel, or a bridge) that controls passage (may be opened and closed).

Controlling Authority	Facility Operational Status	*Feature Code*	Feature Function
Full Name	Gate Use	Height Above Surface Level	Length
Memorandum	Name Identifier	*Physical Condition Of Facility*	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Route Total Usable Width
Specified Enumerant(s)	Thickness	Transportation System Type	Unique Entity Identifier

---

GaugingStation (Point 00)

Gauging Station

Attribute Set

A device that monitors river flow and/or depth, and any associated support structures.

Arsenic Concentration	Average Water Depth	*Chloride Concentration*	*Coliform Concentration*
Controlling Authority	*Cyanide Concentration*	*Deepest Depth Below Surface*	*Feature Code*
Full Name	Geographic Name Type	*Least Depth Below Surface*	*Magnesium Concentration*
Memorandum	Name Identifier	*pH of Water*	*Physical Condition Of Facility*
Predominant Average Water Velocity	Predominant Maximum Water Depth	Predominant Maximum Water Velocity	Predominant Minimum Water Depth
Predominant Minimum Water Velocity	Predominant Water Depth	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	*Sulfate Concentration*
Temperature	*Total Dissolved Solids*	*Turbidity*	Unique Entity Identifier
Water Conductivity	*Water Flow*	*Water Hardness*	Water Type

GeodeticPoint (Point 00)

Geodetic Point

Attribute Set

A physical point on the Earth's surface having a known position (for example: as determined by survey) and established as part of a geodetic network.   [Description] For example, a triangulation (trig) point.

Feature Code	Full Name	Highest Elevation	Memorandum
Name Identifier	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	Survey Control Point Type	Unique Entity Identifier

---

GeologicFault (Line 00)

Geologic Fault

Attribute Set

A fracture or zone of fractures in a rock formation, marked by the relative displacement on either side of the plane of the fracture.   [Description] The intersection of a geologic fault with the ground surface is termed the 'fault trace' and is commonly plotted on maps to represent a fault. Since geologic faults do not usually consist of a single, clean fracture, the term 'fault zone' (or 'distributed fault') is often used when referring to the zone of complex deformation and numerous small fractures that is associated with the fault plane.

Area	*Feature Code*	Full Name	Geologic Fault Trace Visible
Length	Memorandum	Name Identifier	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Unique Entity Identifier	Width		

Feature

Definition

GeopoliticalEntity (Area 00)

Geopolitical Entity

Attribute Set

A region controlled by a political community having an organized government and possessing internal and external sovereignty, most often as a State but sometimes having a dependent relationship on another political authority or a special sovereignty status.   [Description] The degree of sovereignty may be limited in specific areas (for example: matters of economic, administrative, legislative, judicial, military and/or foreign policy). The region controlled by a sovereign geopolitical entity is commonly referred to as a 'country'.

Area	*Feature Code*	Full Name	Geopolitical Entity Type
Memorandum	Name Identifier	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier

---

GeothermalOutlet (Area 00)

Geothermal Outlet

Attribute Set

A terrain surface feature controlled by or derived from the heat of the Earth's interior.   [Description] For example, a hot spring.

Aquifer Name	*Aquifer Name*	Area	*Arsenic Concentration*
Chloride Concentration	*Coliform Concentration*	*Cyanide Concentration*	Direction of Flow
Feature Code	Full Name	Geographic Name Type	Geothermal Outlet Type
Hydrographic Depth	Hydrologic Persistence	Length	*Magnesium Concentration*
Memorandum	Name Identifier	Navigation Landmark	*pH of Water*
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	*Sulfate Concentration*	*Temperature*	*Total Dissolved Solids*
Turbidity	Unique Entity Identifier	*Water Conductivity*	*Water Hardness*
Water Potability	Water Type	*Water Use*	Width

GeothermalOutlet (Point 00)

Geothermal Outlet

Attribute Set

A terrain surface feature controlled by or derived from the heat of the Earth's interior.   [Description] For example, a hot spring.

Aquifer Name	*Aquifer Name*	Area	*Arsenic Concentration*
Chloride Concentration	*Coliform Concentration*	*Cyanide Concentration*	Direction of Flow
Feature Code	Full Name	Geographic Name Type	Geothermal Outlet Type
Hydrographic Depth	Hydrologic Persistence	Length	*Magnesium Concentration*
Memorandum	Name Identifier	Navigation Landmark	*pH of Water*
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	*Sulfate Concentration*	*Temperature*	*Total Dissolved Solids*
Turbidity	Unique Entity Identifier	*Water Conductivity*	*Water Hardness*
Water Potability	Water Type	*Water Use*	Width

Glacier (Area 00)

Glacier

Attribute Set

A large mass or river of ice formed by accumulation and compaction of snow on higher ground that is moving slowly down a slope or valley from above the snowline.

Area	*Feature Code*	Full Name	Highest Elevation
Length	Memorandum	Name Identifier	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Unique Entity Identifier	Width		

GolfCourse (Area 00)

Golf Course

Attribute Set

A tract of land on which golf is played.

Feature   Definition

Address	Area	Facility Operational Status	*Feature Code*
Full Name	Length	Memorandum	Name Identifier
Navigation Landmark	*Physical Condition Of Facility*	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier
Width			

GolfDrivingRange (Area 00)   **Golf Driving Range**

Attribute Set   **A parcel of land used for practicing golf shots.**

Address	Area	Facility Operational Status	*Feature Code*
Full Name	Length	Memorandum	Name Identifier
Navigation Landmark	*Physical Condition Of Facility*	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier
Width			

GrainElevator (Area 00)   **Grain Elevator**

Attribute Set   **A tall structure, equipped for loading, unloading, processing, and/or storing grain.**

Address	Aeronautical Obstacle Light Present	Area	Facility Operational Status
Feature Code	Full Name	Height Above Surface Level	Highest Elevation
Length	Memorandum	Name Identifier	Navigation Landmark
Physical Condition Of Facility	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Roof Shape	Specified Enumerant(s)	Unique Entity Identifier
Vertical Construction Material	Vertical Obstruction Identifier	Width	

GrainElevator (Point 00)   **Grain Elevator**

Attribute Set   **A tall structure, equipped for loading, unloading, processing, and/or storing grain.**

Address	Aeronautical Obstacle Light Present	Area	Facility Operational Status
Feature Code	Full Name	Height Above Surface Level	Highest Elevation
Length	Memorandum	Name Identifier	Navigation Landmark
Physical Condition Of Facility	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Roof Shape	Specified Enumerant(s)	Unique Entity Identifier
Vertical Construction Material	Vertical Obstruction Identifier	Width	

GrainStorageStructure (Area 00)   **Grain Storage Structure**

Attribute Set   **An enclosed container, used for storing grain or fodder.**

Aeronautical Obstacle Light Present	Area	Facility Operational Status	*Feature Code*
Full Name	Height Above Surface Level	Highest Elevation	Length
Located Underground	Margin Number	Memorandum	Name Identifier
Navigation Landmark	*Physical Condition Of Facility*	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Roof Shape	Specified Enumerant(s)
Unique Entity Identifier	Vertical Construction Material	Vertical Obstruction Identifier	Width

---

GrainStorageStructure (Point 00)   **Grain Storage Structure**

Attribute Set   **An enclosed container, used for storing grain or fodder.**

Feature

Definition

Aeronautical Obstacle Light Present	Area	Facility Operational Status	*Feature Code*
Full Name	Height Above Surface Level	Highest Elevation	Length
Located Underground	Margin Number	Memorandum	Name Identifier
Navigation Landmark	*Physical Condition Of Facility*	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Roof Shape	Specified Enumerant(s)
Unique Entity Identifier	Vertical Construction Material	Vertical Obstruction Identifier	Width

---

Grandstand (Area 00)

Grandstand

Attribute Set

A structure for special viewing of outdoor events, usually roofed, that has tiers of seats or standing room for spectators.

Aeronautical Obstacle Light Present	Area	Facility Operational Status	*Feature Code*
Full Name	Height Above Surface Level	Highest Elevation	Length
Memorandum	Name Identifier	Navigation Landmark	*Physical Condition Of Facility*
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Unique Entity Identifier	Vertical Obstruction Identifier	Width

---

Grandstand (Point 00)

Grandstand

Attribute Set

A structure for special viewing of outdoor events, usually roofed, that has tiers of seats or standing room for spectators.

Aeronautical Obstacle Light Present	Area	Facility Operational Status	*Feature Code*
Full Name	Height Above Surface Level	Highest Elevation	Length
Memorandum	Name Identifier	Navigation Landmark	*Physical Condition Of Facility*
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Unique Entity Identifier	Vertical Obstruction Identifier	Width

---

Grassland (Area 00)

Grassland

Attribute Set

A tract covered mainly by grasses that have little or no woody tissue.   [Description] For example, pasture, meadow, and steppe.

Area	*Feature Code*	Feature Function	Full Name
Length	Memorandum	Name Identifier	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Unique Entity Identifier	Vegetation Characteristic	Vegetation Trafficability Impact	Width

---

Greenhouse (Area 00)

Greenhouse

Attribute Set

A building constructed primarily of transparent material (for example: glass or plastic), in which temperature and humidity can be controlled for the cultivation and/or protection of plants.

Address	Angle of Orientation	Area	*Attached Building*
Controlling Authority	Facility Operational Status	*Feature Code*	Feature Function
Full Name	Height Above Surface Level	Highest Elevation	Horizontal Accuracy Category
Length	Memorandum	Name Identifier	Navigation Landmark
Physical Condition Of Facility	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Roof Shape	Specified Enumerant(s)	Unique Entity Identifier
Width			

Greenhouse (Point 00)

Greenhouse

Attribute Set

A building constructed primarily of transparent material (for example: glass or plastic), in which temperature and humidity can be controlled for the cultivation and/or protection of plants.

Feature

Definition

Address	Angle of Orientation	Area	*Attached Building*
Controlling Authority	Facility Operational Status	*Feature Code*	Feature Function
Full Name	Height Above Surface Level	Highest Elevation	Horizontal Accuracy Category
Length	Memorandum	Name Identifier	Navigation Landmark
Physical Condition Of Facility	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Roof Shape	Specified Enumerant(s)	Unique Entity Identifier
Width			

Gridiron (Area 00)

Gridiron

Attribute Set

A timber structure in the intertidal zone serving as a support for vessels at low stages of the tide to permit work on the exposed portion of the vessel's hull.

Area	Facility Operational Status	*Feature Code*	Full Name
Length	Memorandum	Name Identifier	*Physical Condition Of Facility*
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Structural Material Type	Unique Entity Identifier	Water Level Effect
Width			

Grove (Area 00)

Grove

Attribute Set

A small wood or similar collection of trees growing closely together.   [Description] May occur naturally or be deliberately planted for shade, ornamentation, and/or as an orchard (for example: of olives or citrus fruit).

Area	Canopy Cover	Conspicuous Air Category	Conspicuous Ground Category
Conspicuous Sea Category	*Feature Code*	Feature Element Orientation	Foliage Type
Full Name	Height Above Surface Level	Highest Elevation	Isolated
Length	Memorandum	Name Identifier	Predominant Vegetation Height
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Shelter Belt	Specified Enumerant(s)	Stem Diameter	Summer Canopy Cover
Tree Spacing	Undergrowth Density	Unique Entity Identifier	Vegetation Species
Vegetation Trafficability Impact	Width	Winter Canopy Cover	

Grove (Point 00)

Grove

Attribute Set

A small wood or similar collection of trees growing closely together.   [Description] May occur naturally or be deliberately planted for shade, ornamentation, and/or as an orchard (for example: of olives or citrus fruit).

Area	Canopy Cover	Conspicuous Air Category	Conspicuous Ground Category
Conspicuous Sea Category	*Feature Code*	Feature Element Orientation	Foliage Type
Full Name	Height Above Surface Level	Highest Elevation	Isolated
Length	Memorandum	Name Identifier	Predominant Vegetation Height
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Shelter Belt	Specified Enumerant(s)	Stem Diameter	Summer Canopy Cover
Tree Spacing	Undergrowth Density	Unique Entity Identifier	Vegetation Species
Vegetation Trafficability Impact	Width	Winter Canopy Cover	

Harbour (Area 00)

Harbour

Attribute Set

A natural or artificial improved body of water providing protection for vessels and generally anchorage and docking facilities.   [Description] A harbour consists of both its port and its waters.

Feature

Definition

Area	*Arsenic Concentration*	Average Water Depth	*Chloride Concentration*
Coliform Concentration	Controlling Authority	*Cyanide Concentration*	Facility Operational Status
Feature Code	Full Name	Geographic Name Type	Harbour Facility Function
Hydrographic Depth	Hydrologic Persistence	Length	*Magnesium Concentration*
Memorandum	Name Identifier	Navigation Landmark	*pH of Water*
Physical Condition Of Facility	Predominant Maximum Water Depth	Predominant Minimum Water Depth	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Sulfate Concentration	*Temperature*	Tide Influenced	*Total Dissolved Solids*
Turbidity	Unique Entity Identifier	*Water Conductivity*	*Water Hardness*
Water Type	Width	World Port Index Identifier	

HardenedAircraftShelter (Area 00)

Hardened Aircraft Shelter

Attribute Set

A hardened structure built above or partially above ground that encloses aircraft to provide protection from enemy attack.   [Description] The shelter is closed by blast resistant doors and is generally limited in size, only accommodating one or two relatively smaller (for example: fighter) aircraft. Those built to NATO specifications are designed to withstand a direct hit by a 226 kilogram bomb.

Address	Aeronautical Obstacle Light Present	Angle of Orientation	Area
Facility Operational Status	*Feature Code*	Feature Function	*Hazard Shelter Intended Use*
Height Above Surface Level	Highest Elevation	Length	Memorandum
Multi-unit Building	Navigation Landmark	*Physical Condition Of Facility*	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Roof Shape
Specified Enumerant(s)	Unique Entity Identifier	Vertical Obstruction Identifier	Width

HardenedAircraftShelter (Point 00)

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Attribute Set

A hardened structure built above or partially above ground that encloses aircraft to provide protection from enemy attack.   [Description] The shelter is closed by blast resistant doors and is generally limited in size, only accommodating one or two relatively smaller (for example: fighter) aircraft. Those built to NATO specifications are designed to withstand a direct hit by a 226 kilogram bomb.

Address	Aeronautical Obstacle Light Present	Angle of Orientation	Area
Facility Operational Status	*Feature Code*	Feature Function	*Hazard Shelter Intended Use*
Height Above Surface Level	Highest Elevation	Length	Memorandum
Multi-unit Building	Navigation Landmark	*Physical Condition Of Facility*	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Roof Shape
Specified Enumerant(s)	Unique Entity Identifier	Vertical Obstruction Identifier	Width

HazardousRock (Point 00)

Hazardous Rock

Attribute Set

An isolated rocky formation or a single large stone or coral, usually one constituting a danger to navigation.   [Description] May be either dry, awash, or below the water surface.

Area	Bathymetric Measurement Technique	*Feature Code*	Full Name
Hydrographic Depth	Length	Memorandum	Name Identifier
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Structural Material Type	Uncovering Height Known	Unique Entity Identifier
Water Level Effect			

HeatingFacility (Area 00)

Heating Facility

Attribute Set

A facility for the generation of thermal energy for heating purposes.

Feature

Definition

Address	Area	Facility Operational Status	*Feature Code*
Feature Function	Full Name	Height Above Surface Level	Highest Elevation
Length	Memorandum	Name Identifier	Navigation Landmark
Physical Condition Of Facility	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier	Vertical Construction Material
Width			

HeatingFacility (Point 00)

Heating Facility

Attribute Set

A facility for the generation of thermal energy for heating purposes.

Address	Area	Facility Operational Status	*Feature Code*
Feature Function	Full Name	Height Above Surface Level	Highest Elevation
Length	Memorandum	Name Identifier	Navigation Landmark
Physical Condition Of Facility	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier	Vertical Construction Material
Width			

Hedgerow (Line 00)

Hedgerow

Attribute Set

A continuous growth of shrubs planted as a fence, a boundary, and/or a windbreak.

Area	*Feature Code*	Height Above Surface Level	Length
Memorandum	Navigation Landmark	Predominant Vegetation Height	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Unique Entity Identifier	Width		

Helipad (Area 00)

Helipad

Attribute Set

A designated area, usually with a prepared surface, used for the take-off, landing, or parking of helicopters.   [Description] This prepared surface could either be located on land or on a platform over water. It may or may not be associated with an aerodrome. For example: a hospital helipad, and an offshore rig helipad.

Aerodrome Movement Area Surface Category	Aerodrome Movement Area Surface Composition	Aerodrome Movement Area Surface Preparation Method	Aerodrome Pavement Functional Status
Aerodrome Surface Status	Area	Controlling Authority	Delineation Known
Facility Operational Status	*Feature Code*	Full Name	Height Above Surface Level
Helipad Associated Facility	Highest Elevation	Length	Memorandum
Name Identifier	*Physical Condition Of Facility*	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier
Width			

Helipad (Point 00)

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Attribute Set

A designated area, usually with a prepared surface, used for the take-off, landing, or parking of helicopters.   [Description] This prepared surface could either be located on land or on a platform over water. It may or may not be associated with an aerodrome. For example: a hospital helipad, and an offshore rig helipad.

Aerodrome Movement Area Surface Category	Aerodrome Movement Area Surface Composition	Aerodrome Movement Area Surface Preparation Method	Aerodrome Pavement Functional Status
Aerodrome Surface Status	Area	Controlling Authority	Delineation Known
Facility Operational Status	*Feature Code*	Full Name	Height Above Surface Level
Helipad Associated Facility	Highest Elevation	Length	Memorandum
Name Identifier	*Physical Condition Of Facility*	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier
Width			

Feature

Definition

Heliport (Area 00)

Heliport

An aerodrome intended to be used for the arrival, landing, takeoff or departure of vertical takeoff and landing aircraft/helicopters.

Attribute Set

Aerodrome Elevation	Aerodrome Official Name	Airfield Symbol Type	Airfield Type
Area	Controlling Authority	Delineation Known	Facility Operational Status
Feature Code	Full Name	Highest Elevation	ICAO Location Indicator
Length	Memorandum	Name Identifier	*Physical Condition Of Facility*
Port of Entry	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier	Width

Heliport (Point 00)

Heliport

An aerodrome intended to be used for the arrival, landing, takeoff or departure of vertical takeoff and landing aircraft/helicopters.

Attribute Set

Aerodrome Elevation	Aerodrome Official Name	Airfield Symbol Type	Airfield Type
Area	Controlling Authority	Delineation Known	Facility Operational Status
Feature Code	Full Name	Highest Elevation	ICAO Location Indicator
Length	Memorandum	Name Identifier	*Physical Condition Of Facility*
Port of Entry	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier	Width

HoldingPen (Area 00)

Holding Pen

An enclosed tract on which livestock are temporarily kept. [Description] For example, a sheepfold, a holding paddock, a livestock pen, a feedlot, and/or a stock yard. The enclosure may be by, for example, a fence or a wall.

Attribute Set

Area	Facility Operational Status	*Feature Code*	Full Name
Height Above Surface Level	Highest Elevation	Length	Memorandum
Name Identifier	Navigation Landmark	*Physical Condition Of Facility*	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Unique Entity Identifier	Width		

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An enclosed tract on which livestock are temporarily kept. [Description] For example, a sheepfold, a holding paddock, a livestock pen, a feedlot, and/or a stock yard. The enclosure may be by, for example, a fence or a wall.

Attribute Set

Area	Facility Operational Status	*Feature Code*	Full Name
Height Above Surface Level	Highest Elevation	Length	Memorandum
Name Identifier	Navigation Landmark	*Physical Condition Of Facility*	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Unique Entity Identifier	Width		

HopField (Area 00)

Hop Field

A tract covered by the systematic planting of hop vines.

Attribute Set

Area	Crop Species	Farming Pattern	*Feature Code*
Height Above Surface Level	Highest Elevation	Irrigation Method	Length
Memorandum	Navigation Landmark	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier
Vegetation Trafficability Impact	Width		

Feature

Definition

Hopper (Point 00)

Hopper

Attribute Set

A top-loaded funnel-shaped structure for temporary holding of loose material which will be dispensed from its bottom.

Aeronautical Obstacle Light Present	Area	Facility Operational Status	*Feature Code*
Full Name	Height Above Surface Level	Highest Elevation	Length
Memorandum	Name Identifier	Navigation Landmark	*Physical Condition Of Facility*
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Unique Entity Identifier	Vertical Obstruction Identifier	Width

---

Hulk (Point 00)

Hulk

Attribute Set

A permanently moored vessel that is no longer seaworthy.

Aeronautical Obstacle Light Present	Area	Facility Operational Status	*Feature Code*
Full Name	Height Above Surface Level	Highest Elevation	Length
Memorandum	Name Identifier	Navigation Landmark	*Physical Condition Of Facility*
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Unique Entity Identifier	Vertical Obstruction Identifier	Width

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Hummock (Area 00)

Hummock

Attribute Set

A place of higher elevation within a wetland (for example: a swamp, a bog, or a marsh).

Area	*Feature Code*	Length	Memorandum
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Unique Entity Identifier	Vegetation Trafficability Impact	Width

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Hut (Area 00)

Hut

Attribute Set

A small, simple free-standing (detached) self-contained residence usually having only a single multi-function room. [Description] May be intended only as temporary (for example: by displaced persons) or seasonal (for example: during seasonal livestock movement) residence. May be crude (for example: quickly built from locally-available natural materials) or relatively modern in construction and austerely furnished (for example: a Norwegian 'hytte').

Address	Area	Facility Operational Status	*Feature Code*
Feature Function	Full Name	Height Above Surface Level	Highest Elevation
Length	Memorandum	Name Identifier	Navigation Landmark
Physical Condition Of Facility	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier	Width

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Hut (Point 00)

Hut

Attribute Set

A small, simple free-standing (detached) self-contained residence usually having only a single multi-function room. [Description] May be intended only as temporary (for example: by displaced persons) or seasonal (for example: during seasonal livestock movement) residence. May be crude (for example: quickly built from locally-available natural materials) or relatively modern in construction and austerely furnished (for example: a Norwegian 'hytte').

Address	Area	Facility Operational Status	*Feature Code*
Feature Function	Full Name	Height Above Surface Level	Highest Elevation
Length	Memorandum	Name Identifier	Navigation Landmark
Physical Condition Of Facility	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier	Width

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Feature	Definition

HydroAidNavigationCrv (FeatureGroup 00)

Attribute Set

HydroAidNavigationCrv

A collection of features specifying information about devices located external to a vessel and intended to be of assistance to a navigator. [DESCRIPTION] Assistance that is provided aids in the determination of position, the charting of safe courses, or provides a warning of dangers or obstructions to navigation.

HydroAidNavigationPnt (FeatureGroup 00)

Attribute Set

HydroAidNavigationPnt

A collection of features specifying information about devices located external to a vessel and intended to be of assistance to a navigator. [DESCRIPTION] Assistance that is provided aids in the determination of position, the charting of safe courses, or provides a warning of dangers or obstructions to navigation.

HydroAidNavigationSrf (FeatureGroup 00)

Attribute Set

HydroAidNavigationSrf

A collection of features specifying information about devices located external to a vessel and intended to be of assistance to a navigator. [DESCRIPTION] Assistance that is provided aids in the determination of position, the charting of safe courses, or provides a warning of dangers or obstructions to navigation.

HydrocarbonProdFacility (Area 00)

Attribute Set

Hydrocarbon Products Facility

A facility involved in the production or distribution of petroleum, oil and/or natural gas products.

Address	Area	Facility Operational Status	*Feature Code*
Feature Function	Full Name	Height Above Surface Level	Highest Elevation
Length	Memorandum	Name Identifier	Navigation Landmark
Physical Condition Of Facility	Product	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier
Width			

HydrocarbonProdFacility (Point 00)

Attribute Set

Hydrocarbon Products Facility

A facility involved in the production or distribution of petroleum, oil and/or natural gas products.

Address	Area	Facility Operational Status	*Feature Code*
Feature Function	Full Name	Height Above Surface Level	Highest Elevation
Length	Memorandum	Name Identifier	Navigation Landmark
Physical Condition Of Facility	Product	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier
Width			

HydrocarbonsField (Area 00)

Attribute Set

Hydrocarbons Field

An area where the presence of recoverable petroleum, oil, and/or natural gas has been identified. [Description] The field can exist regardless of current exploitation activities.

Area	*Feature Code*	Full Name	Length
Memorandum	Name Identifier	Product	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Unique Entity Identifier	Width		

Feature
Definition

HydrocarbonsField (Point 00)
Hydrocarbons Field

Attribute Set

An area where the presence of recoverable petroleum, oil, and/or natural gas has been identified. [Description] The field can exist regardless of current exploitation activities.

Area	*Feature Code*	Full Name	Length
Memorandum	Name Identifier	Product	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Unique Entity Identifier	Width		

HydrographyCrv (FeatureGroup 00)
HydrographyCrv

Attribute Set

A collection of features that provide the physical condition, boundaries, flow and related characterisitcs of Earth's waters.

HydrographyPnt (FeatureGroup 00)
HydrographyPnt

Attribute Set

A collection of features that provide the physical condition, boundaries, flow and related characterisitcs of Earth's waters.

HydrographySrf (FeatureGroup 00)
HydrographySrf

Attribute Set

A collection of features that provide the physical condition, boundaries, flow and related characterisitcs of Earth's waters.

HypsographyCrv (FeatureGroup 00)
HypsographyCrv

Attribute Set

A collection of features that provide information about vertical distances above or below a datum. [DESCRIPTION] For example, the height above or below a specific reference point.

HypsographyPnt (FeatureGroup 00)
HypsographyPnt

Attribute Set

A collection of features that provide information about vertical distances above or below a datum. [DESCRIPTION] For example, the height above or below a specific reference point.

IceCap (Area 00)
Ice-cap

Attribute Set

A permanent layer of ice covering a tract of land (especially a polar region) or the top of a mountain. [Description] Usually includes a surface layer of snow.

Area	*Feature Code*	Full Name	Land Morphology
Length	Memorandum	Name Identifier	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Terrain Morphology	Unique Entity Identifier	Width	

IceCliff (Line 00)
Ice Cliff

Attribute Set

The vertical face of a glacier or ice shelf.

Feature   Definition

Feature Code	Full Name	Height Above Surface Level	Highest Elevation
Length	Memorandum	Name Identifier	Predominant Feature Height
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Unique Entity Identifier		

IcePeak (Point 00)   Ice Peak

Attribute Set   **A rocky peak projecting above a surrounding ice field that may be perpetually covered with ice.**

Area	*Feature Code*	Full Name	Height Above Surface Level
Highest Elevation	Length	Memorandum	Name Identifier
Navigation Landmark	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	Structural Material Type	Unique Entity Identifier
Width			

IceRoute (Line 00)   Ice Route

Attribute Set   **A route over a frozen watercourse.   [Description] Usually marked and intended to support substantial vehicle traffic. Often designed as an alternate to a seasonally-closed ferry crossing.**

Facility Operational Status	*Feature Code*	Full Name	Length
Memorandum	Name Identifier	*Physical Condition Of Facility*	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Transportation System Type	Unique Entity Identifier	Width	

IceShelf (Area 00)   Ice Shelf

Attribute Set   **A floating ice sheet of considerable thickness that is normally attached to the land along its landward edge.   [Description] Ice shelves are the seaward extension of land glaciers. Limited areas of the ice shelf may be aground where the glacier first enters the water and possibly in other places offshore. Ice shelves are usually of great horizontal extent and have a level or gently undulating surface. The seaward edge of an ice shelf is termed an 'ice cliff'.**

Area	*Feature Code*	Full Name	Length
Memorandum	Name Identifier	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier
Width			

IndustrialFarm (Area 00)   Industrial Farm

Attribute Set   **An estate or large farm operating on the plantation economy model in which the farm operates as a single economic unit whose operations are based on agricultural mass production of a few staple crops (for example: cotton, tobacco, sugar cane, bananas, and/or rubber) that are typically not indigenous to the region.   [Description] Plantation economies are often dependent on distant (for example: export) markets as the crops are harvested in large quantities. Historically, industrial farms were often found in former European colonies and termed 'plantations'.**

Address	Area	Canopy Cover	Crop Species
Facility Operational Status	Farming Method	Farming Pattern	*Feature Code*
Feature Function	Foliage Type	Full Name	Height Above Surface Level
Highest Elevation	Length	Memorandum	Name Identifier
Navigation Landmark	*Physical Condition Of Facility*	Predominant Vegetation Height	Product
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Stem Diameter	Tree Spacing	Undergrowth Density
Unique Entity Identifier	Vegetation Species	Vegetation Trafficability Impact	Width

Feature   Definition

IndustrialFarm (Point 00)

Attribute Set

Industrial Farm

An estate or large farm operating on the plantation economy model in which the farm operates as a single economic unit whose operations are based on agricultural mass production of a few staple crops (for example: cotton, tobacco, sugar cane, bananas, and/or rubber) that are typically not indigenous to the region.   [Description] Plantation economies are often dependent on distant (for example: export) markets as the crops are harvested in large quantities. Historically, industrial farms were often found in former European colonies and termed 'plantations'.

Address	Area	Canopy Cover	Crop Species
Facility Operational Status	Farming Method	Farming Pattern	*Feature Code*
Feature Function	Foliage Type	Full Name	Height Above Surface Level
Highest Elevation	Length	Memorandum	Name Identifier
Navigation Landmark	*Physical Condition Of Facility*	Predominant Vegetation Height	Product
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Stem Diameter	Tree Spacing	Undergrowth Density
Unique Entity Identifier	Vegetation Species	Vegetation Trafficability Impact	Width

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IndustrialFurnace (Area 00)

Attribute Set

Industrial Furnace

A structure used in material processing that employs heating to harden (for example: to fire brick or ceramic), pyrolyse (for example: convert coal to coke, or limestone to lime), burn (for example: to incinerate waste), or dry (for example: lumber).   [Description] May assume many forms, for example a domed 'beehive' kiln or a long linear coke oven battery.

Area	Facility Operational Status	*Feature Code*	Full Name
Height Above Surface Level	Highest Elevation	Length	Memorandum
Name Identifier	Navigation Landmark	*Physical Condition Of Facility*	Product
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Unique Entity Identifier	Width	

IndustrialFurnace (Point 00)

Attribute Set

Industrial Furnace

A structure used in material processing that employs heating to harden (for example: to fire brick or ceramic), pyrolyse (for example: convert coal to coke, or limestone to lime), burn (for example: to incinerate waste), or dry (for example: lumber).   [Description] May assume many forms, for example a domed 'beehive' kiln or a long linear coke oven battery.

Area	Facility Operational Status	*Feature Code*	Full Name
Height Above Surface Level	Highest Elevation	Length	Memorandum
Name Identifier	Navigation Landmark	*Physical Condition Of Facility*	Product
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Unique Entity Identifier	Width	

IndustryCrv (FeatureGroup 00)

Attribute Set

IndustryCrv

A collection of features that specify information about facilities, structures and/or equipment used for one or more of: the removal of natural resources from the ground; the changing, altering, preserving or refining of a particular, usually raw, materia

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IndustryPnt (FeatureGroup 00)

Attribute Set

IndustryPnt

A collection of features that specify information about facilities, structures and/or equipment used for one or more of: the removal of natural resources from the ground; the changing, altering, preserving or refining of a particular, usually raw, materia

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Feature	Definition

IndustrySrf (FeatureGroup 00)

Attribute Set

IndustrySrf

A collection of features that specify information about facilities, structures and/or equipment used for one or more of: the removal of natural resources from the ground; the changing, altering, preserving or refining of a particular, usually raw, materia

InformationCrv (FeatureGroup 00)

Attribute Set

InformationCrv

A collection of features that provide information about: a location; or information and/or names regarding a collection or set of features; or information about geodetic or geophysical properties of the Earth, that have not been extracted as a specific, s [DESCRIPTION] Geophysical properties pertain to the collection, processing, and exploitation of phenomena transmitted through the earth (ground, water, and atmosphere) including emitted or reflected sounds, pressure waves, vibrations, and magnetic field or ionospheric

InformationPnt (FeatureGroup 00)

Attribute Set

InformationPnt

A collection of features that provide information about: a location; or information and/or names regarding a collection or set of features; or information about geodetic or geophysical properties of the Earth, that have not been extracted as a specific, s [DESCRIPTION] Geophysical properties pertain to the collection, processing, and exploitation of phenomena transmitted through the earth (ground, water, and atmosphere) including emitted or reflected sounds, pressure waves, vibrations, and magnetic field or ionospheric

InformationSrf (FeatureGroup 00)

Attribute Set

InformationSrf

A collection of features that provide information about: a location; or information and/or names regarding a collection or set of features; or information about geodetic or geophysical properties of the Earth, that have not been extracted as a specific, s [DESCRIPTION] Geophysical properties pertain to the collection, processing, and exploitation of phenomena transmitted through the earth (ground, water, and atmosphere) including emitted or reflected sounds, pressure waves, vibrations, and magnetic field or ionospheric

InlandWaterbody (Area 00)

Attribute Set

Inland Waterbody

A body of water that is entirely surrounded by land.   [Description] It may occur in a natural terrain depression in which water collects, or may be impounded by a dam, or formed by its bed being hollowed out of the soil, or formed by embanking and/or damming up a natural hollow (for example: by a beaver dam). Inland waterbodies have many uses such as: a source of water for irrigation, industrial processes, human consumption, and recreation. Impounded inland waterbodies may also be used for flood control.

Feature

Definition

Above Water Bank Slope	Above Water Bank Slope	Area	*Arsenic Concentration*
Average Water Depth	Bank Orientation	Bank Orientation	*Chloride Concentration*
Coliform Concentration	Controlling Authority	*Cyanide Concentration*	Dammed
Deepest Depth Below Surface	Facility Operational Status	*Feature Code*	Feature Function
Full Name	Geographic Name Type	Highest Elevation	Hydrologic Persistence
Inland Water Type	Inundation Type	Length	*Magnesium Concentration*
Man-made	Man-made Shoreline	Memorandum	Name Identifier
Navigation Landmark	*pH of Water*	*Physical Condition Of Facility*	Predominant Maximum Water Depth
Predominant Minimum Water Depth	Predominant Water Depth	Predominant Waterbody Bank Height	Predominant Waterbody Bank Height
Predominant Waterbody Bank Slope	Predominant Waterbody Bank Slope	*Reservoir Type*	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Shoreline Delineated
Shoreline Delineated	Shoreline Type	Shoreline Type	Specified Enumerant(s)
Sulfate Concentration	*Temperature*	Tide Influenced	*Total Dissolved Solids*
Turbidity	Unique Entity Identifier	Volume	*Water Conductivity*
Water Hardness	Water Potability	Water Type	*Water Use*
Waterbody Bank Height	Waterbody Bank Height	Waterbody Bank Vegetation Cover	Waterbody Bank Vegetation Cover
Width			

InlandWaterbody (Point 00)

Attribute Set

Inland Waterbody

A body of water that is entirely surrounded by land.   [Description] It may occur in a natural terrain depression in which water collects, or may be impounded by a dam, or formed by its bed being hollowed out of the soil, or formed by embanking and/or damming up a natural hollow (for example: by a beaver dam). Inland waterbodies have many uses such as: a source of water for irrigation, industrial processes, human consumption, and recreation. Impounded inland waterbodies may also be used for flood control.

Above Water Bank Slope	Above Water Bank Slope	Area	*Arsenic Concentration*
Average Water Depth	Bank Orientation	Bank Orientation	*Chloride Concentration*
Coliform Concentration	Controlling Authority	*Cyanide Concentration*	Dammed
Deepest Depth Below Surface	Facility Operational Status	*Feature Code*	Feature Function
Full Name	Geographic Name Type	Highest Elevation	Hydrologic Persistence
Inland Water Type	Inundation Type	Length	*Magnesium Concentration*
Man-made	Man-made Shoreline	Memorandum	Name Identifier
Navigation Landmark	*pH of Water*	*Physical Condition Of Facility*	Predominant Maximum Water Depth
Predominant Minimum Water Depth	Predominant Water Depth	Predominant Waterbody Bank Height	Predominant Waterbody Bank Height
Predominant Waterbody Bank Slope	Predominant Waterbody Bank Slope	*Reservoir Type*	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Shoreline Delineated
Shoreline Delineated	Shoreline Type	Shoreline Type	Specified Enumerant(s)
Sulfate Concentration	*Temperature*	Tide Influenced	*Total Dissolved Solids*
Turbidity	Unique Entity Identifier	Volume	*Water Conductivity*
Water Hardness	Water Potability	Water Type	*Water Use*
Waterbody Bank Height	Waterbody Bank Height	Waterbody Bank Vegetation Cover	Waterbody Bank Vegetation Cover
Width			

Installation (Area 00)

Attribute Set

Installation

A grouping of facilities, located in the same vicinity, which support particular functions.

Address	Area	Facility Operational Status	*Feature Code*
Full Name	Length	Memorandum	Name Identifier
Navigation Landmark	*Physical Condition Of Facility*	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier
Width			

Feature

Definition

Installation (Point 00)

Attribute Set

Installation

A grouping of facilities, located in the same vicinity, which support particular functions.

Address	Area	Facility Operational Status	*Feature Code*
Full Name	Length	Memorandum	Name Identifier
Navigation Landmark	*Physical Condition Of Facility*	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier
Width			

InstallationBoundary (Area 00)

Attribute Set

Installation Boundary

Land and water currently owned or used by the military installation or facility.

Feature Code	Full Name	Memorandum	Name Identifier
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Unique Entity Identifier		

InsubstantialNavMark (Point 00)

Attribute Set

Insubstantial Navigation Mark

A small, insubstantial navigational mark.   [Description] For example, a staff placed on top of a rock or shoal to mark a hazard or serve as a navigational aid.

Bathymetric Measurement Quality Category	Bathymetric Measurement Technique	Beacon Type	Facility Operational Status
Feature Code	Full Name	Height Above Surface Level	Highest Elevation
Hydrographic Base Height	Memorandum	Name Identifier	*Physical Condition Of Facility*
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Sounding Datum	Sounding Datum Name	Sounding Velocity Correction Method	Specified Enumerant(s)
Structural Material Type	Topmark Shape	Unique Entity Identifier	Vessel Draft Correction

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InterestSite (Area 00)

Attribute Set

Interest Site

A site maintained for the public and declared to be of national or provincial historical significance and/or interest.

Address	Area	Facility Operational Status	*Feature Code*
Full Name	Height Above Surface Level	Highest Elevation	Historic Significance
Length	Memorandum	Name Identifier	Navigation Landmark
Physical Condition Of Facility	Religious Designation	Religious Facility Type	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Unique Entity Identifier	Width		

InterestSite (Point 00)

Attribute Set

Interest Site

A site maintained for the public and declared to be of national or provincial historical significance and/or interest.

Address	Area	Facility Operational Status	*Feature Code*
Full Name	Height Above Surface Level	Highest Elevation	Historic Significance
Length	Memorandum	Name Identifier	Navigation Landmark
Physical Condition Of Facility	Religious Designation	Religious Facility Type	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Unique Entity Identifier	Width		

Feature

Definition

InternationalDateLine (Line 00)

International Date Line

Attribute Set

A line designated as the place on the Earth where each calendar day begins.   [Description] This line generally coincides with the 180th meridian but is modified to avoid land.

Feature Code	Memorandum	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier

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Island (Area 00)

Island

Attribute Set

A land mass, other than a continent, surrounded by water.

Area	*Feature Code*	Full Name	Height Above Surface Level
Highest Elevation	Length	Memorandum	Name Identifier
Navigation Landmark	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Shoreline Delineated	Shoreline Type	Sounding Datum
Sounding Datum Name	Specified Enumerant(s)	Unique Entity Identifier	Width

---

Island (Point 00)

Island

Attribute Set

A land mass, other than a continent, surrounded by water.

Area	*Feature Code*	Full Name	Height Above Surface Level
Highest Elevation	Length	Memorandum	Name Identifier
Navigation Landmark	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Shoreline Delineated	Shoreline Type	Sounding Datum
Sounding Datum Name	Specified Enumerant(s)	Unique Entity Identifier	Width

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Lagoon (Area 00)

Lagoon

Attribute Set

An enclosed area of salt or brackish water separated from the open sea by some more or less effective, but not complete, obstacle (for example: a sand bank).   [Description] The name most commonly used for the area of water enclosed by a barrier reef or atoll.

Arsenic Concentration	Average Water Depth	Bottom Material Type	*Chloride Concentration*
Coliform Concentration	*Cyanide Concentration*	Delineation Known	*Feature Code*
Full Name	Geographic Name Type	Hydrographic Depth	Hydrologic Persistence
Magnesium Concentration	Memorandum	Name Identifier	*pH of Water*
Predominant Maximum Water Depth	Predominant Minimum Water Depth	Predominant Water Depth	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Sulfate Concentration	*Temperature*	*Total Dissolved Solids*	*Turbidity*
Unique Entity Identifier	*Water Conductivity*	*Water Hardness*	Water Level Effect
Water Type			

LandAerodrome (Area 00)

Land Aerodrome

Attribute Set

An aerodrome on land intended to be used either wholly or in part for the arrival, departure and surface movement of aircraft.

Aerodrome Elevation	Aerodrome Official Name	Airfield Symbol Type	Airfield Type
Airfield Use	Area	Controlling Authority	Facility Operational Status
Feature Code	Full Name	Highest Elevation	ICAO Location Indicator
Installation Operator	*Largest Aircraft*	Length	Magnetic Variation
Magnetic Variation Date	Memorandum	Name Identifier	*Physical Condition Of Facility*
Port of Entry	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier	Width

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Feature

Definition

LandAerodrome (Point 00)

Land Aerodrome

Attribute Set

An aerodrome on land intended to be used either wholly or in part for the arrival, departure and surface movement of aircraft.

Aerodrome Elevation	Aerodrome Official Name	Airfield Symbol Type	Airfield Type
Airfield Use	Area	Controlling Authority	Facility Operational Status
Feature Code	Full Name	Highest Elevation	ICAO Location Indicator
Installation Operator	*Largest Aircraft*	Length	Magnetic Variation
Magnetic Variation Date	Memorandum	Name Identifier	*Physical Condition Of Facility*
Port of Entry	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier	Width

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LandingZone (Point 00)

Landing Zone

Attribute Set

An identified area for aircraft landing or the pick-up or drop-off of troops, equipment or supplies. [Description] This is usually an established site, and it is not to be used for features typically classified as runways, helipads, heliports or aerodromes. Varied types of aircraft may use this landing zone.

Feature Code	Memorandum	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier

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LandslideMass (Area 00)

Landslide Mass

Attribute Set

The mass of earth or rock which has slipped down from a mountain or cliff.

Area	*Feature Code*	Full Name	Length
Memorandum	Name Identifier	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier
Width			

LandSubjectToInundation (Area 00)

Land Subject to Inundation

Attribute Set

A tract periodically covered by flood water, excluding tidal waters.

Area	Average Water Depth	Controlled	*Deepest Depth Below Surface*
Feature Code	Full Name	Geographic Name Type	Hydrologic Persistence
Inundation Type	Length	Memorandum	Name Identifier
Predominant Maximum Water Depth	Predominant Minimum Water Depth	Predominant Water Depth	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Unique Entity Identifier	Volume	Width	

LandWaterBoundary (Line 00)

Land Water Boundary

Attribute Set

The line where a land mass is in contact with a body of water and the tide state or river stage are unspecified.   [Description] It may be in either the littoral or inland waters. In the littoral, consideration should be given to using the more specific high water or low water lines based on the nature of the source data collection.

Feature Code	Full Name	Horizontal Accuracy Category	Length
Man-made	Memorandum	Name Identifier	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Shoreline Delineated
Shoreline Type	Sounding Datum	Sounding Datum Name	Specified Enumerant(s)
Unique Entity Identifier			

LaunchPad (Area 00)

Launch Pad

Attribute Set

A designated site or structure from which a rocket or missile is launched.

Feature

Definition

Area	Facility Operational Status	*Feature Code*	Full Name
Height Above Surface Level	Highest Elevation	Length	Memorandum
Name Identifier	*Physical Condition Of Facility*	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	Structural Material Type
Unique Entity Identifier	Width		

LaunchPad (Point 00)   Launch Pad

Attribute Set
A designated site or structure from which a rocket or missile is launched.

Area	Facility Operational Status	*Feature Code*	Full Name
Height Above Surface Level	Highest Elevation	Length	Memorandum
Name Identifier	*Physical Condition Of Facility*	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	Structural Material Type
Unique Entity Identifier	Width		

Lighthouse (Area 00)   Lighthouse

Attribute Set
A distinctive structure on or off a coast exhibiting a major light designed to serve as an aid to navigation.

Address	Aeronautical Obstacle Light Present	Angle of Orientation	Area
Attached Building	Controlling Authority	Facility Operational Status	*Feature Code*
Feature Function	Full Name	Height Above Surface Level	Highest Elevation
Length	Light Characteristic Number	Maritime Navigation Marked	Memorandum
Name Identifier	Navigation Landmark	Period of Light	*Physical Condition Of Facility*
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Roof Shape	Specified Enumerant(s)	Unique Entity Identifier	Vertical Construction Material
Vertical Obstruction Identifier	Width		

Lighthouse (Point 00)   Lighthouse

A distinctive structure on or off a coast exhibiting a major light designed to serve as an aid to navigation.

Address	Aeronautical Obstacle Light Present	Angle of Orientation	Area
Attached Building	Controlling Authority	Facility Operational Status	*Feature Code*
Feature Function	Full Name	Height Above Surface Level	Highest Elevation
Length	Light Characteristic Number	Maritime Navigation Marked	Memorandum
Name Identifier	Navigation Landmark	Period of Light	*Physical Condition Of Facility*
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Roof Shape	Specified Enumerant(s)	Unique Entity Identifier	Vertical Construction Material
Vertical Obstruction Identifier	Width		

LightSector (Point 00)   Light Sector

Attribute Set
A sector defined by bearings from seaward within which a light shows a specified character or color, or is obscured.

Controlling Authority	Facility Operational Status	*Feature Code*	Highest Elevation
Memorandum	*Physical Condition Of Facility*	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier

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LightSupportStructure (Point 00)   Light Support Structure

Attribute Set
A structure serving as a support for one or more lights.   [Description] For example, a light standard or a lamp post.

Feature   ## Definition

Aeronautical Obstacle Light Present	Area	Facility Operational Status	*Feature Code*
Feature Function	Full Name	Height Above Surface Level	Highest Elevation
Length	Memorandum	Name Identifier	Navigation Landmark
Physical Condition Of Facility	Pylon Configuration	Pylon Material	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Tower Shape	Unique Entity Identifier	Vertical Obstruction Identifier	Width

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LightVessel (Point 00)   **Light Vessel**

Attribute Set

A distinctively marked vessel anchored or moored at a charted point, to serve as an aid to navigation.   [Description] By night, it displays a characteristic light(s) and is usually equipped with other devices (for example: a fog signal, a submarine sound signal, and/or a radio-beacon) to assist navigation.

Aeronautical Obstacle Light Present	Area	Broadcast Frequency	Character of Light
Facility Operational Status	*Feature Code*	Fog Signal Type	Full Name
Height Above Surface Level	Highest Elevation	Length	Light Elevation
Memorandum	Multiple Light Ranges	Name Identifier	Navigation Landmark
Navigation System Type	*Physical Condition Of Facility*	Primary Operating Range	Radar Reflector Present
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Second Broadcast Frequency	Specified Enumerant(s)	Unique Entity Identifier	Vertical Obstruction Identifier
Width			

LiquidDiffuser (Point 00)   **Liquid Diffuser**

Attribute Set

Equipment located at or below water level where liquids (for example: cooling water) are spread out.

Area	Facility Operational Status	*Feature Code*	Full Name
Length	Memorandum	Name Identifier	Navigation Landmark
Physical Condition Of Facility	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier	Width

---

LocalMagneticAnomaly (Area 00)   **Local Magnetic Anomaly**

Attribute Set

A localized anomaly in the Earth's magnetic field.

Feature Code	Magnetic Variation Anomaly	Memorandum	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Unique Entity Identifier			

Lock (Area 00)   **Lock**

Attribute Set

An enclosure with a pair or series of gates used for raising or lowering vessels as they pass from one water level to another.

Area	Controlling Authority	*Deepest Depth Below Surface*	Facility Operational Status
Feature Code	Full Name	Height Above Surface Level	Highest Elevation
Hydrographic Depth	Length	*Maximum Water Depth*	Memorandum
Name Identifier	Navigation Landmark	*Physical Condition Of Facility*	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Structural Material Type	Unique Entity Identifier	Usable Length	Usable Width
Width			

Lock (Line 00)   **Lock**

Attribute Set

An enclosure with a pair or series of gates used for raising or lowering vessels as they pass from one water level to another.

Feature

Definition

Area	Controlling Authority	*Deepest Depth Below Surface*	Facility Operational Status
Feature Code	Full Name	Height Above Surface Level	Highest Elevation
Hydrographic Depth	Length	*Maximum Water Depth*	Memorandum
Name Identifier	Navigation Landmark	*Physical Condition Of Facility*	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Structural Material Type	Unique Entity Identifier	Usable Length	Usable Width
Width			

Lock (Point 00)

Lock

Attribute Set

An enclosure with a pair or series of gates used for raising or lowering vessels as they pass from one water level to another.

Area	Controlling Authority	*Deepest Depth Below Surface*	Facility Operational Status
Feature Code	Full Name	Height Above Surface Level	Highest Elevation
Hydrographic Depth	Length	*Maximum Water Depth*	Memorandum
Name Identifier	Navigation Landmark	*Physical Condition Of Facility*	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Structural Material Type	Unique Entity Identifier	Usable Length	Usable Width
Width			

LoggingSite (Area 00)

Logging Site

Attribute Set

A tract of vegetation that is being exploited for lumber resources.

Area	*Feature Code*	Full Name	Length
Memorandum	Name Identifier	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier
Width			

Lookout (Area 00)

Lookout

Attribute Set

A location, which is generally elevated, from which the surrounding area may be observed.   [Description] For example, it is easily accessible by vehicle, is free of obscuring vegetation, and the local topography allows for unobstructed viewing of distant features.

Area	Facility Operational Status	*Feature Code*	Full Name
Length	Memorandum	Name Identifier	Navigation Landmark
Physical Condition Of Facility	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier	Width

---

Lookout (Point 00)

Lookout

Attribute Set

A location, which is generally elevated, from which the surrounding area may be observed.   [Description] For example, it is easily accessible by vehicle, is free of obscuring vegetation, and the local topography allows for unobstructed viewing of distant features.

Area	Facility Operational Status	*Feature Code*	Full Name
Length	Memorandum	Name Identifier	Navigation Landmark
Physical Condition Of Facility	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier	Width

---

MaricultureSite (Area 00)

Mariculture Site

Attribute Set

A site where marine organisms are cultivated for food and other products in either the open ocean, in an enclosed section of the ocean, or in tanks, ponds or raceways that are filled with seawater (for example: the farming of marine fish, prawns, or oysters in saltwater ponds).

Feature

Definition

Aquaculture Facility Type	Area	Conspicuous Air Category	Conspicuous Ground Category
Conspicuous Sea Category	Facility Operational Status	*Feature Code*	Full Name
Length	Marine Farm Enclosure Method	Memorandum	Name Identifier
Navigation Landmark	*Physical Condition Of Facility*	Product	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Unique Entity Identifier	Width		

MaritimeCautionArea (Area 00)

Maritime Caution Area

Attribute Set

Generally, an area where the mariner has to be made aware of circumstances influencing the safety of navigation.   [Description] The caution may represent a specific danger, a general risk, or a rule and/or navigation advice that is not directly related to a specific object. Appropriate consideration should be given, for example, to the specific identification of wrecks, hazardous rocks and wells.

Area	Cable Type	Coastal Work Type	Description of Aids to Navigation
Feature Code	Full Name	Length	Limit(s) Physically Based
Man-made	Maritime Area Restriction	Maritime Caution Type	Maritime Navigation Marked
Maritime Navigation Restriction	Memorandum	Name Identifier	Operating Cycle
Operating Restriction	Operational	Product	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Unique Entity Identifier	Width		

MaritimeLimit (Line 00)

Maritime Limit

Attribute Set

A line where on either side certain activities or factors of significance to navigation and/or operation apply.

Bearing of Object	Boundary Demarcated	Boundary Determination Method	Boundary Dispute Type
Boundary Status	Controlling Authority	Description of Reference Point	Dumping Ground Type
Feature Code	Full Name	Length	Limit(s) Physically Based
Maintained	Man-made	Maritime Area Restriction	Maritime Caution Type
Maritime Navigation Line Features	Maritime Navigation Marked	Maritime Navigation Restriction	Memorandum
Name Identifier	Naval Firing and/or Practice Type	Naval Operations Type	Operational
Product	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier	

MaritimeNavigationBeacon (Point 00)

Maritime Navigation Beacon

Attribute Set

A prominent, specially constructed object forming a conspicuous mark as a fixed aid to navigation or for use in hydrographic survey.

Character of Light	Facility Operational Status	*Feature Code*	Fog Signal Type
Full Name	Horizontal Accuracy Category	Memorandum	Multiple Light Ranges
Name Identifier	Navigation Mark Colour	*Physical Condition Of Facility*	Radar Reflector Present
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Topmark Shape	Unique Entity Identifier	

MaritimeNavigationLight (Point 00)

Maritime Navigation Light

Attribute Set

A luminous or lighted device intended for the purpose of aiding maritime navigation.   [Description] A Maritime Navigation Light refers to the light itself including its housing but does not include any support structure or ancillary aids to maritime navigation.

Character of Light	Facility Operational Status	*Feature Code*	Fog Signal Type
Full Name	Horizontal Accuracy Category	IALA A or B Adopted	Light Elevation
Maritime Light Type	Memorandum	Multiple Light Ranges	Name Identifier
Navigation Mark Colour	*Physical Condition Of Facility*	Primary Operating Range	Radar Reflector Present
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Topmark Shape	Unique Entity Identifier	

Feature

Definition

MaritimeRadarRefLine (Line 00)

Maritime Radar Reference Line

Attribute Set

A track along which ships may be guided by coastal radar stations, especially in the event of reduced visibility.

Bearing and Reciprocal Category	*Feature Code*	Full Name	Memorandum
Name Identifier	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier	

MaritimeRadiobeacon (Point 00)

Maritime Radiobeacon

Attribute Set

An electronic aid to maritime navigation consisting of a radio transmitter that broadcasts distinctive signals.

Broadcast Frequency	Facility Operational Status	*Feature Code*	Full Name
Maritime Radiobeacon Type	Memorandum	Name Identifier	Navigation System Type
Physical Condition Of Facility	Primary Operating Range	Radar Reflector Present	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Second Broadcast Frequency
Specified Enumerant(s)	Topmark Shape	Unique Entity Identifier	

MaritimeRoute (Area 00)

Maritime Route

Attribute Set

A track or lane established for the safe passage of vessels.

Bathymetric Measurement Quality Category	Bathymetric Measurement Technique	Bearing and Reciprocal Category	Bearing from Seaward
Bidirectional	Description of Aids to Navigation	Description of Reference Point	Direction of Flow
Feature Code	Full Name	Hydrographic Depth	Length
Maritime Navigation Marked	Memorandum	Name Identifier	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Route Intended Use
Sounding Datum	Sounding Datum Name	Sounding Velocity Correction Method	Specified Enumerant(s)
Unique Entity Identifier	Vessel Draft Correction	Width	

MaritimeRoute (Line 00)

Maritime Route

Attribute Set

A track or lane established for the safe passage of vessels.

Bathymetric Measurement Quality Category	Bathymetric Measurement Technique	Bearing and Reciprocal Category	Bearing from Seaward
Bidirectional	Description of Aids to Navigation	Description of Reference Point	Direction of Flow
Feature Code	Full Name	Hydrographic Depth	Length
Maritime Navigation Marked	Memorandum	Name Identifier	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Route Intended Use
Sounding Datum	Sounding Datum Name	Sounding Velocity Correction Method	Specified Enumerant(s)
Unique Entity Identifier	Vessel Draft Correction	Width	

MaritimeSignalStation (Point 00)

Maritime Signal Station

Attribute Set

A place on shore from which signals are made to vessels at sea.

Feature   Definition

Address	Administrative Division	Angle of Orientation	Area
Base Elevation	Broadcast Frequency	Conspicuous Air Category	Conspicuous Ground Category
Conspicuous Sea Category	Controlling Authority	Cross-sectional Shape	DIAM Functional Classification
Directivity	Facility Operational Status	*Feature Code*	Feature Function
Floodlit	Floor Count	Full Name	Height Above Surface Level
Helipad Present	Highest Elevation	Historic Significance	Length
Maritime Station Type	Memorandum	Name Identifier	Navigation Landmark
Physical Condition Of Facility	Relative Level	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Roof Shape	Specified Enumerant(s)
Structure Shape	Supported	Unique Entity Identifier	Vertical Construction Material
Width	Wireless Telecommunication Type		

Marker (Point 00)   Marker

Attribute Set

A coloured (usually white) mark on a vertical surface (for example: a cliff, a rocky outcrop, and/or a wall) that is a conspicuous landmark for maritime navigation.

Area	Facility Operational Status	*Feature Code*	Full Name
Length	Memorandum	Name Identifier	*Physical Condition Of Facility*
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Structural Material Type	Unique Entity Identifier	Width

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Marsh (Area 00)   Marsh

Attribute Set

A soft, poorly drained wetland that is characterized by the growth of only non-woody plants (for example: grasses) and often forms a transition region between a waterbody and land.   [Description] It is subject to frequent or tidal inundations, but not considered to be continually under water. It lacks trees. A subtype of the more generalized wetland.

Area	*Arsenic Concentration*	Average Water Depth	Bottom Material Type
Chloride Concentration	*Coliform Concentration*	*Cyanide Concentration*	*Deepest Depth Below Surface*
Feature Code	Full Name	Hydrologic Persistence	Length
Magnesium Concentration	Memorandum	Name Identifier	*pH of Water*
Predominant Maximum Water Depth	Predominant Minimum Water Depth	Predominant Water Depth	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Stem Diameter	*Sulfate Concentration*	*Temperature*	Tide Influenced
Total Dissolved Solids	*Turbidity*	Undergrowth Density	Unique Entity Identifier
Water Conductivity	*Water Hardness*	Water Potability	Water Type
Water Use	Width		

MeasuredDistanceLine (Line 00)   Measured Distance Line

Attribute Set

A maritime course, the length of which has been accurately measured, whose endpoints are often established by leading lines.   [Description] It is used by vessels to calibrate logs, engine revolution counters, and other onboard equipment, and to determine speed.

Bearing and Reciprocal Category	*Feature Code*	Full Name	Length of Range
Memorandum	Name Identifier	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier

---

MemorialMonument (Area 00)   Memorial Monument

Attribute Set

A marker erected and/or maintained as a memorial to a person and/or event.

Feature

Definition

Aeronautical Obstacle Light Present	Area	Facility Operational Status	*Feature Code*
Full Name	Height Above Surface Level	Height of Object	Highest Elevation
Length	Memorandum	Name Identifier	Navigation Landmark
Physical Condition Of Facility	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Roof Shape	Specified Enumerant(s)	Structure Shape
Tower Shape	Unique Entity Identifier	Vertical Obstruction Identifier	Width

---

MemorialMonument (Line 00)   **Memorial Monument**

Attribute Set   **A marker erected and/or maintained as a memorial to a person and/or event.**

Aeronautical Obstacle Light Present	Area	Facility Operational Status	*Feature Code*
Full Name	Height Above Surface Level	Height of Object	Highest Elevation
Length	Memorandum	Name Identifier	Navigation Landmark
Physical Condition Of Facility	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Roof Shape	Specified Enumerant(s)	Structure Shape
Tower Shape	Unique Entity Identifier	Vertical Obstruction Identifier	Width

---

MemorialMonument (Point 00)   **Memorial Monument**

Attribute Set   **A marker erected and/or maintained as a memorial to a person and/or event.**

Aeronautical Obstacle Light Present	Area	Facility Operational Status	*Feature Code*
Full Name	Height Above Surface Level	Height of Object	Highest Elevation
Length	Memorandum	Name Identifier	Navigation Landmark
Physical Condition Of Facility	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Roof Shape	Specified Enumerant(s)	Structure Shape
Tower Shape	Unique Entity Identifier	Vertical Obstruction Identifier	Width

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MilitaryCrv (FeatureGroup 00)   ***MilitaryCrv***

Attribute Set   *A collection of features specifying information about military-like areas or support facilities and/or structures that are used to prevent or resist enemy attacks.*

MilitaryInstallation (Area 00)   **Military Installation**

Attribute Set   **An installation designed for military use.   [Description] For example, used to perform military operations, initiate forward movements, and/or furnish supplies. Often protected by fortifications or natural advantages.**

Address	Area	Facility Operational Status	*Feature Code*
Full Name	Length	Located Underground	Memorandum
Military Service Branch	Name Identifier	Navigation Landmark	*Physical Condition Of Facility*
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Structural Material Type	Unique Entity Identifier	Width

---

MilitaryInstallation (Point 00)   **Military Installation**

Attribute Set   **An installation designed for military use.   [Description] For example, used to perform military operations, initiate forward movements, and/or furnish supplies. Often protected by fortifications or natural advantages.**

Address	Area	Facility Operational Status	*Feature Code*
Full Name	Length	Located Underground	Memorandum
Military Service Branch	Name Identifier	Navigation Landmark	*Physical Condition Of Facility*
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Structural Material Type	Unique Entity Identifier	Width

Feature

Definition

MilitaryPnt (FeatureGroup 00)

Attribute Set

MilitaryPnt

A collection of features specifying information about military-like areas or support facilities and/or structures that are used to prevent or resist enemy attacks.

MilitarySrf (FeatureGroup 00)

Attribute Set

MilitarySrf

A collection of features specifying information about military-like areas or support facilities and/or structures that are used to prevent or resist enemy attacks.

Minefield (Area 00)

Attribute Set

Minefield

A site laid with explosive mines.

Area	Facility Operational Status	*Feature Code*	Length
Memorandum	*Physical Condition Of Facility*	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier
Width			

MineralPile (Area 00)

Attribute Set

Mineral Pile

A man-made heap of mining or quarrying products that does not contain waste materials.   [Description] For example, a pile of coal or quarried stones.

Aeronautical Obstacle Light Present	Area	Controlling Authority	Facility Operational Status
Feature Code	Height Above Surface Level	Highest Elevation	Length
Memorandum	Navigation Landmark	*Physical Condition Of Facility*	Raw Material
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Unique Entity Identifier	Vertical Obstruction Identifier	Width

---

MineralPile (Point 00)

Attribute Set

Mineral Pile

A man-made heap of mining or quarrying products that does not contain waste materials.   [Description] For example, a pile of coal or quarried stones.

Aeronautical Obstacle Light Present	Area	Controlling Authority	Facility Operational Status
Feature Code	Height Above Surface Level	Highest Elevation	Length
Memorandum	Navigation Landmark	*Physical Condition Of Facility*	Raw Material
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Unique Entity Identifier	Vertical Obstruction Identifier	Width

---

MineShaftSuperstructure (Area 00)

Attribute Set

Mine Shaft Superstructure

A structure over a vertical mine shaft containing machinery (for example: a winding head or hoist) used to transport minerals, equipment, and/or workers between the surface and various levels within the mine.   [Description] It is usually the most prominent structure at a shaft mining facility.

Aeronautical Obstacle Light Present	Area	Facility Operational Status	*Feature Code*
Height Above Surface Level	Highest Elevation	Length	Memorandum
Navigation Landmark	*Physical Condition Of Facility*	Product	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Unique Entity Identifier	Vertical Obstruction Identifier	Width	

Feature

Definition

MineShaftSuperstructure (Point 00)

Attribute Set

Mine Shaft Superstructure

A structure over a vertical mine shaft containing machinery (for example: a winding head or hoist) used to transport minerals, equipment, and/or workers between the surface and various levels within the mine.   [Description] It is usually the most prominent structure at a shaft mining facility.

Aeronautical Obstacle Light Present	Area	Facility Operational Status	*Feature Code*
Height Above Surface Level	Highest Elevation	Length	Memorandum
Navigation Landmark	*Physical Condition Of Facility*	Product	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Unique Entity Identifier	Vertical Obstruction Identifier	Width	

MissileSite (Area 00)

Attribute Set

Missile Site

A site and related facilities for storing and launching missiles.

Address	Angle of Orientation	Area	Controlling Authority
Facility Operational Status	*Feature Code*	Full Name	Height Above Surface Level
Highest Elevation	Length	Located Underground	Memorandum
Military Service Branch	Missile Site Type	Name Identifier	Navigation Landmark
Permanent	*Physical Condition Of Facility*	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier
Vertical Construction Material	Width		

MissileSite (Point 00)

Attribute Set

Missile Site

A site and related facilities for storing and launching missiles.

Address	Angle of Orientation	Area	Controlling Authority
Facility Operational Status	*Feature Code*	Full Name	Height Above Surface Level
Highest Elevation	Length	Located Underground	Memorandum
Military Service Branch	Missile Site Type	Name Identifier	Navigation Landmark
Permanent	*Physical Condition Of Facility*	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier
Vertical Construction Material	Width		

Moat (Area 00)

Attribute Set

Moat

A trench surrounding a tract of land and serving as a barrier.   [Description] It is usually filled with water.

Area	*Arsenic Concentration*	*Chloride Concentration*	*Coliform Concentration*
Cyanide Concentration	*Deepest Depth Below Surface*	Facility Operational Status	*Feature Code*
Highest Elevation	Hydrologic Persistence	Length	*Magnesium Concentration*
Maximum Water Depth	Memorandum	*pH of Water*	*Physical Condition Of Facility*
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	*Sulfate Concentration*	*Temperature*	Terrain Gap Width
Total Dissolved Solids	*Turbidity*	Unique Entity Identifier	Volume
Water Conductivity	*Water Hardness*	Water Potability	Water Type
Water Use	Width		

Moat (Line 00)

Attribute Set

Moat

A trench surrounding a tract of land and serving as a barrier.   [Description] It is usually filled with water.

Feature

Definition

Area	*Arsenic Concentration*	*Chloride Concentration*	*Coliform Concentration*
Cyanide Concentration	*Deepest Depth Below Surface*	Facility Operational Status	*Feature Code*
Highest Elevation	Hydrologic Persistence	Length	*Magnesium Concentration*
Maximum Water Depth	Memorandum	*pH of Water*	*Physical Condition Of Facility*
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	*Sulfate Concentration*	*Temperature*	Terrain Gap Width
Total Dissolved Solids	*Turbidity*	Unique Entity Identifier	Volume
Water Conductivity	*Water Hardness*	Water Potability	Water Type
Water Use	Width		

MobileHomePark (Area 00)

Mobile Home Park

Attribute Set

A site for the permanent parking of mobile homes used as dwellings and designed without a permanent foundation.   [Description] Mobile homes are prefabricated homes built in factories, rather than on-site, and then taken to the place where they will be occupied. They are usually transported by tractor-trailers over public roads to sites which are often in rural areas or high-density developments. While these houses are usually placed in one location and left there permanently, they do retain the ability to be moved as this is a requirement in many areas. Behind the cosmetic work fitted at installation to hide the base, there are strong trailer frames, axles, wheels and tow-hitches.

Address	Area	Facility Operational Status	*Feature Code*
Feature Function	Full Name	Height Above Surface Level	Highest Elevation
Length	Memorandum	Name Identifier	Navigation Landmark
Physical Condition Of Facility	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier	Width

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MooringMast (Point 00)

Mooring Mast

Attribute Set

A mast used to secure an airship.

Aeronautical Obstacle Light Present	Area	Facility Operational Status	*Feature Code*
Full Name	Guyed	Height Above Surface Level	Highest Elevation
Length	Memorandum	Name Identifier	Navigation Landmark
Physical Condition Of Facility	Pylon Material	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	Tower Shape
Unique Entity Identifier	Vertical Obstruction Identifier	Width	

Moraine (Area 00)

Moraine

Attribute Set

An accumulation of soil and stone debris deposited by a glacier.

Area	*Feature Code*	Full Name	Height Above Surface Level
Length	Memorandum	Name Identifier	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Unique Entity Identifier	Width		

MotorVehicleStation (Area 00)

Motor Vehicle Station

Attribute Set

A building at, or in which, motor vehicles are refuelled, serviced, and sometimes repaired.   [Description] Usually accompanied by several prominently placed petrol pumps.

Address	Angle of Orientation	Area	Controlling Authority
Facility Operational Status	*Feature Code*	Feature Function	Full Name
Height Above Surface Level	Highest Elevation	Horizontal Accuracy Category	Length
Memorandum	Name Identifier	Navigation Landmark	*Physical Condition Of Facility*
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Roof Shape	Specified Enumerant(s)	Unique Entity Identifier	Width

Feature

Definition

MotorVehicleStation (Point 00)

Attribute Set

Motor Vehicle Station

A building at, or in which, motor vehicles are refuelled, serviced, and sometimes repaired.   [Description] Usually accompanied by several prominently placed petrol pumps.

Address	Angle of Orientation	Area	Controlling Authority
Facility Operational Status	*Feature Code*	Feature Function	Full Name
Height Above Surface Level	Highest Elevation	Horizontal Accuracy Category	Length
Memorandum	Name Identifier	Navigation Landmark	*Physical Condition Of Facility*
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Roof Shape	Specified Enumerant(s)	Unique Entity Identifier	Width

MountainPass (Point 00)

Attribute Set

Mountain Pass

A narrow route through a mountainous region or over a mountain range.

Angle of Orientation	Area	*Feature Code*	Full Name
Highest Elevation	Length	Memorandum	Name Identifier
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Unique Entity Identifier	Width	

MunitionStorageFacility (Area 00)

Attribute Set

Munition Storage Facility

A facility for the storage of munitions (for example: bombs, missiles, warheads, mines or ammunition).   [Description] Specifically, storage of weapons charged with: explosives; propellant; pyrotechnics; initiating composition; or nuclear, chemical, or biological material for use in military operations. Facilities may range in size from a small stockpile of munitions (sometimes termed an 'ammo dump') that may be revetted to a large perimeter-controlled site with multiple dispersed bunkers laid out to minimize the effect of accidental detonation (sometimes termed a 'munitions depot').

Address	Area	Controlling Authority	Facility Operational Status
Feature Code	Full Name	Height Above Surface Level	Highest Elevation
Length	Located Underground	Memorandum	Name Identifier
Navigation Landmark	*Physical Condition Of Facility*	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier
Width			

MunitionStorageFacility (Point 00)

Attribute Set

Munition Storage Facility

A facility for the storage of munitions (for example: bombs, missiles, warheads, mines or ammunition).   [Description] Specifically, storage of weapons charged with: explosives; propellant; pyrotechnics; initiating composition; or nuclear, chemical, or biological material for use in military operations. Facilities may range in size from a small stockpile of munitions (sometimes termed an 'ammo dump') that may be revetted to a large perimeter-controlled site with multiple dispersed bunkers laid out to minimize the effect of accidental detonation (sometimes termed a 'munitions depot').

Address	Area	Controlling Authority	Facility Operational Status
Feature Code	Full Name	Height Above Surface Level	Highest Elevation
Length	Located Underground	Memorandum	Name Identifier
Navigation Landmark	*Physical Condition Of Facility*	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier
Width			

NamedLocation (Area 00)

Attribute Set

Named Location

A location that normally does not appear as a specific, characterized object but that has a name that is required to be displayed in association with that location.   [Description] For example, the name of the Alps or the Sahara.

Feature

Definition

Feature Code	Full Name	Memorandum	Name Identifier
Named Location Type	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier	

NamedLocation (Line 00)

Named Location

Attribute Set

A location that normally does not appear as a specific, characterized object but that has a name that is required to be displayed in association with that location.   [Description] For example, the name of the Alps or the Sahara.

Feature Code	Full Name	Memorandum	Name Identifier
Named Location Type	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier	

NamedLocation (Point 00)

Named Location

Attribute Set

A location that normally does not appear as a specific, characterized object but that has a name that is required to be displayed in association with that location.   [Description] For example, the name of the Alps or the Sahara.

Feature Code	Full Name	Memorandum	Name Identifier
Named Location Type	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier	

NaturalPool (Area 00)

Natural Pool

Attribute Set

A naturally formed pool of water.   [Description] It is usually fed by surface drainage from the surrounding region and/or water arising from an underground source (for example: a spring or a resurgence).

Aquifer Name	*Aquifer Name*	Area	*Arsenic Concentration*
Chloride Concentration	*Coliform Concentration*	*Cyanide Concentration*	*Deepest Depth Below Surface*
Direction of Flow	Facility Operational Status	*Feature Code*	Full Name
Geographic Name Type	Hydrologic Persistence	Length	*Magnesium Concentration*
Memorandum	Name Identifier	Natural Pool Type	*pH of Water*
Physical Condition Of Facility	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	*Sulfate Concentration*	*Temperature*
Total Dissolved Solids	*Turbidity*	Unique Entity Identifier	Volume
Water Conductivity	*Water Hardness*	Water Potability	Water Type
Water Use	Width		

NaturalPool (Point 00)

Natural Pool

Attribute Set

A naturally formed pool of water.   [Description] It is usually fed by surface drainage from the surrounding region and/or water arising from an underground source (for example: a spring or a resurgence).

Aquifer Name	*Aquifer Name*	Area	*Arsenic Concentration*
Chloride Concentration	*Coliform Concentration*	*Cyanide Concentration*	*Deepest Depth Below Surface*
Direction of Flow	Facility Operational Status	*Feature Code*	Full Name
Geographic Name Type	Hydrologic Persistence	Length	*Magnesium Concentration*
Memorandum	Name Identifier	Natural Pool Type	*pH of Water*
Physical Condition Of Facility	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	*Sulfate Concentration*	*Temperature*
Total Dissolved Solids	*Turbidity*	Unique Entity Identifier	Volume
Water Conductivity	*Water Hardness*	Water Potability	Water Type
Water Use	Width		

Feature

Definition

NonBuildingStructure (Area 00)

Attribute Set

Non-building Structure

A free-standing self-supporting construction (for example: a large piece of equipment) designed to support human activities (for example: agriculture, manufacturing, or mining) but not intended for human occupancy and/or habitation (for example: a house, a bank, an office, or a stadium). [Description] May have only limited protection from the weather (for example: a hayrick) and often composed of components specialized for a particular activity (for example: animal feeding, material storage, or traffic control) or process (for example: chemical reaction, heating, mixing, or physical shaping). For example, a cane press, a cement mill, a cotton gin, a distillation tower, and a rock crusher.

Aeronautical Obstacle Light Present	Angle of Orientation	Area	By-product
Controlling Authority	Facility Operational Status	*Feature Code*	Full Name
Height Above Surface Level	Highest Elevation	Horizontal Accuracy Category	Length
Memorandum	Name Identifier	Navigation Landmark	*Physical Condition Of Facility*
Product	Raw Material	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier
Vertical Obstruction Identifier	Width		

NonBuildingStructure (Point 00)

Attribute Set

Non-building Structure

A free-standing self-supporting construction (for example: a large piece of equipment) designed to support human activities (for example: agriculture, manufacturing, or mining) but not intended for human occupancy and/or habitation (for example: a house, a bank, an office, or a stadium). [Description] May have only limited protection from the weather (for example: a hayrick) and often composed of components specialized for a particular activity (for example: animal feeding, material storage, or traffic control) or process (for example: chemical reaction, heating, mixing, or physical shaping). For example, a cane press, a cement mill, a cotton gin, a distillation tower, and a rock crusher.

Aeronautical Obstacle Light Present	Angle of Orientation	Area	By-product
Controlling Authority	Facility Operational Status	*Feature Code*	Full Name
Height Above Surface Level	Highest Elevation	Horizontal Accuracy Category	Length
Memorandum	Name Identifier	Navigation Landmark	*Physical Condition Of Facility*
Product	Raw Material	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier
Vertical Obstruction Identifier	Width		

NonSpatialMdEntCollect (Area 00)

Attribute Set

Non-spatial Metadata Entity Collection

A resource that collects instances of one or more modeling entities that share common source(s) and processing step(s) as the basis for their digital non-spatial representation.   [Description] The modeling entity specifies metadata regarding the type(s) of data that were used to define the digital representation of the non-spatial component(s) of the entity collection. For example, an existing vertical obstruction dataset may be used to populate accurate height or material type attributes, or a land navigation dataset may be used to populate accurate road width, clearance, and/or surface composition attributes.

Feature Code	Specified Enumerant(s)	Unique Entity Identifier

NonWaterWell (Point 00)

Attribute Set

Non-water Well

A shaft sunk into the ground to reach and tap a supply of liquids and/or gases other than water intended for use in agriculture or domestic consumption.   [Description] Typically drilled to tap underground reservoirs of hydrocarbons (for example: petroleum or natural gas). May also, for example, yield geothermally heated liquids for use in power generation or heating, or brine for use in the extraction of salt.

Area	Facility Operational Status	*Feature Code*	Full Name
Height Above Surface Level	Highest Elevation	Hydrographic Depth	Length
Memorandum	Name Identifier	Navigation Landmark	*Physical Condition Of Facility*
Product	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Rig Present	Specified Enumerant(s)	Unique Entity Identifier
Well Equipment	Width		

Feature

Definition

NuclearReactorContainment (Area 00)

Attribute Set

Nuclear Reactor Containment

A building-like structure intended to create a barrier against the release of radioactivity generated during nuclear power operations.   [Description] The structure is usually heavily reinforced. It houses equipment used to manage a self-sustaining nuclear reaction of fissile material. The consequent release of energy may be used to generate electricity, as in a power plant.

Aeronautical Obstacle Light Present	Area	Controlling Authority	*Deepest Depth Below Surface*
Facility Operational Status	*Feature Code*	Full Name	Height Above Surface Level
Highest Elevation	*Least Depth Below Surface*	Length	Memorandum
Name Identifier	Navigation Landmark	*Physical Condition Of Facility*	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Roof Shape
Specified Enumerant(s)	Unique Entity Identifier	Vertical Construction Material	Vertical Obstruction Identifier
Width			

NuclearReactorContainment (Point 00)

Attribute Set

Nuclear Reactor Containment

A building-like structure intended to create a barrier against the release of radioactivity generated during nuclear power operations.   [Description] The structure is usually heavily reinforced. It houses equipment used to manage a self-sustaining nuclear reaction of fissile material. The consequent release of energy may be used to generate electricity, as in a power plant.

Aeronautical Obstacle Light Present	Area	Controlling Authority	*Deepest Depth Below Surface*
Facility Operational Status	*Feature Code*	Full Name	Height Above Surface Level
Highest Elevation	*Least Depth Below Surface*	Length	Memorandum
Name Identifier	Navigation Landmark	*Physical Condition Of Facility*	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Roof Shape
Specified Enumerant(s)	Unique Entity Identifier	Vertical Construction Material	Vertical Obstruction Identifier
Width			

Oasis (Area 00)

Attribute Set

Oasis

A small, isolated, fertile or green area in a desert region usually having a spring or well.

Area	*Feature Code*	Full Name	Length
Memorandum	Name Identifier	*Physical Condition Of Facility*	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Unique Entity Identifier	Vegetation Trafficability Impact	Width	

Oasis (Point 00)

Attribute Set

Oasis

A small, isolated, fertile or green area in a desert region usually having a spring or well.

Area	*Feature Code*	Full Name	Length
Memorandum	Name Identifier	*Physical Condition Of Facility*	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Unique Entity Identifier	Vegetation Trafficability Impact	Width	

OfficePark (Area 00)

Attribute Set

Office Park

A commercial facility consisting of multiple office buildings tenanted by one or more non-retail businesses (for example: corporate management, consulting services, or research and development) and supportive businesses (for example: a restaurant serving mid-day meals or a post office) that share a common park-like setting consisting of landscaping (for example: lawns, ornamental plantings, or ponds), parking facilities, and common entrances from adjacent roads.   [Description] May also include commercial tenants involved in light industry (for example: gem cutting or specialized electronics manufacture).

Feature

Definition

Address	Area	By-product	Controlling Authority
Facility Operational Status	*Feature Code*	Feature Function	Full Name
Height Above Surface Level	Highest Elevation	Length	Memorandum
Name Identifier	Navigation Landmark	*Physical Condition Of Facility*	Product
Raw Material	Religious Designation	Religious Facility Type	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Unique Entity Identifier	Width	Wireless Telecommunication Type	

OffshoreConstruction (Area 00)

Offshore Construction

Attribute Set

An artificial structure that is located offshore.   [Description] It usually has a surface that is raised above the sea and may be used as a working stage for conducting offshore operations (for example: drilling for petroleum and/or natural gas, loading and/or unloading vessels, or navigation support).

Aeronautical Obstacle Light Present	Angle of Orientation	Area	Controlling Authority
Facility Operational Status	*Feature Code*	Fog Signal Type	Full Name
Height Above Surface Level	Highest Elevation	Hydrographic Depth	Length
Maritime Navigation Marked	Memorandum	Name Identifier	Navigation Landmark
Navigation System Type	Offshore Construction Primary Structure	*Physical Condition Of Facility*	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Unique Entity Identifier	Vertical Construction Material	Vertical Obstruction Identifier	Width

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OffshoreConstruction (Point 00)

Offshore Construction

Attribute Set

An artificial structure that is located offshore.   [Description] It usually has a surface that is raised above the sea and may be used as a working stage for conducting offshore operations (for example: drilling for petroleum and/or natural gas, loading and/or unloading vessels, or navigation support).

Aeronautical Obstacle Light Present	Angle of Orientation	Area	Controlling Authority
Facility Operational Status	*Feature Code*	Fog Signal Type	Full Name
Height Above Surface Level	Highest Elevation	Hydrographic Depth	Length
Maritime Navigation Marked	Memorandum	Name Identifier	Navigation Landmark
Navigation System Type	Offshore Construction Primary Structure	*Physical Condition Of Facility*	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Unique Entity Identifier	Vertical Construction Material	Vertical Obstruction Identifier	Width

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Orchard (Area 00)

Orchard

Attribute Set

A tract covered by systematic plantings of trees that yield fruits (including nuts).

Area	Canopy Cover	Crop Species	Farming Pattern
Feature Code	Foliage Type	Full Name	Height Above Surface Level
Highest Elevation	Irrigation Method	Length	Memorandum
Name Identifier	Navigation Landmark	Predominant Vegetation Height	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Stem Diameter	Tree Spacing	Undergrowth Density	Unique Entity Identifier
Vegetation Trafficability Impact	Width		

Orchard (Point 00)

Orchard

Attribute Set

A tract covered by systematic plantings of trees that yield fruits (including nuts).

Feature

Definition

Area	Canopy Cover	Crop Species	Farming Pattern
Feature Code	Foliage Type	Full Name	Height Above Surface Level
Highest Elevation	Irrigation Method	Length	Memorandum
Name Identifier	Navigation Landmark	Predominant Vegetation Height	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Stem Diameter	Tree Spacing	Undergrowth Density	Unique Entity Identifier
Vegetation Trafficability Impact	Width		

OutdoorTheatreScreen (Line 00)

Outdoor Theatre Screen

Attribute Set

A large outdoor screen for showing motion pictures.

Aeronautical Obstacle Light Present	Angle of Orientation	Area	Facility Operational Status
Feature Code	Full Name	Height Above Surface Level	Height of Object
Highest Elevation	Length	Memorandum	Name Identifier
Navigation Landmark	*Physical Condition Of Facility*	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	Thickness
Unique Entity Identifier	Vertical Obstruction Identifier		

OutdoorTheatreScreen (Point 00)

Outdoor Theatre Screen

Attribute Set

A large outdoor screen for showing motion pictures.

Aeronautical Obstacle Light Present	Angle of Orientation	Area	Facility Operational Status
Feature Code	Full Name	Height Above Surface Level	Height of Object
Highest Elevation	Length	Memorandum	Name Identifier
Navigation Landmark	*Physical Condition Of Facility*	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	Thickness
Unique Entity Identifier	Vertical Obstruction Identifier		

OverheadObstruction (Line 00)

Overhead Obstruction

Attribute Set

An overhead obstruction (for example: an underpass, an overhead pipeline, and/or the overhang of a building) on a transportation route.

Area	Bypass Condition	Deck Level	Facility Operational Status
Feature Code	Length	Memorandum	Overhead Clearance
Overhead Obstruction Type	*Physical Condition Of Facility*	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	Transportation System Type
Unique Entity Identifier	Width		

OverheadObstruction (Point 00)

Overhead Obstruction

Attribute Set

An overhead obstruction (for example: an underpass, an overhead pipeline, and/or the overhang of a building) on a transportation route.

Area	Bypass Condition	Deck Level	Facility Operational Status
Feature Code	Length	Memorandum	Overhead Clearance
Overhead Obstruction Type	*Physical Condition Of Facility*	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	Transportation System Type
Unique Entity Identifier	Width		

PackIce (Area 00)

Pack Ice

Attribute Set

Term used in a wide sense to include any area of sea ice other than fast ice.   [Description] Pack ice commonly consists of connected floating plates of ice and has a mosaic look. Fast Ice is defined as sea ice which remains fast, generally in the position where originally formed, and which may attain a considerable thickness. Fast ice is found along coasts, where it is attached to the shore, or over shoals, where it may be held in position by islands, grounded icebergs, or grounded polar ice.

Feature   Definition

Feature Code   Full Name   Memorandum   Resource Classification
Resource Content Originator   Resource Non-Intelligence Community Markings   Resource Owner-Producer   Seasonal Ice Limit
Specified Enumerant(s)   Unique Entity Identifier

PackIce (Line 00)   Pack Ice

Attribute Set

Term used in a wide sense to include any area of sea ice other than fast ice.   [Description] Pack ice commonly consists of connected floating plates of ice and has a mosaic look. Fast Ice is defined as sea ice which remains fast, generally in the position where originally formed, and which may attain a considerable thickness. Fast ice is found along coasts, where it is attached to the shore, or over shoals, where it may be held in position by islands, grounded icebergs, or grounded polar ice.

Feature Code   Full Name   Memorandum   Resource Classification
Resource Content Originator   Resource Non-Intelligence Community Markings   Resource Owner-Producer   Seasonal Ice Limit
Specified Enumerant(s)   Unique Entity Identifier

Parcel (Area 00)   Parcel

Attribute Set   **An administrative subdivision of a tract.**

Area   Controlling Authority   *Feature Code*   Full Name
Legal Description   *Legal Identifier*   Memorandum   Name Identifier
Resource Classification   Resource Content Originator   Resource Non-Intelligence Community Markings   Resource Owner-Producer
Specified Enumerant(s)   Unique Entity Identifier

Park (Area 00)   Park

Attribute Set   **An area used for recreational or ornamental purposes.**

Address   Administrative Division   Area   Controlling Authority
Facility Operational Status   *Feature Code*   Full Name   Height Above Surface Level
Length   Location Referenced to Shoreline Memorandum   Name Identifier
Navigation Landmark   *Physical Condition Of Facility* Resource Classification   Resource Content Originator
Resource Non-Intelligence Community Markings   Resource Owner-Producer   Specified Enumerant(s)   Unique Entity Identifier
Width

ParkingGarage (Area 00)   Parking Garage

Attribute Set

A designated, multi-level, structure used for parking and/or storing vehicles.   [Description] May be present as part of a building or as a separate structure.

Address   Aeronautical Obstacle Light Present   Angle of Orientation   Area
Controlling Authority   Facility Operational Status   *Feature Code*   Feature Function
Floor Count   Full Name   Height Above Surface Level   Highest Elevation
Horizontal Accuracy Category   Length   Located Underground   Memorandum
Name Identifier   Navigation Landmark   *Physical Condition Of Facility*   Resource Classification
Resource Content Originator   Resource Non-Intelligence Community Markings   Resource Owner-Producer Roof Shape
Specified Enumerant(s)   Unique Entity Identifier   Vertical Obstruction Identifier   Width

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ParkingGarage (Point 00)   Parking Garage

Attribute Set   **A designated, multi-level, structure used for parking and/or storing vehicles.   [Description] May be present as part of a building or as a separate structure.**

Feature

Definition

Address	Aeronautical Obstacle Light Present	Angle of Orientation	Area
Controlling Authority	Facility Operational Status	*Feature Code*	Feature Function
Floor Count	Full Name	Height Above Surface Level	Highest Elevation
Horizontal Accuracy Category	Length	Located Underground	Memorandum
Name Identifier	Navigation Landmark	*Physical Condition Of Facility*	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Roof Shape
Specified Enumerant(s)	Unique Entity Identifier	Vertical Obstruction Identifier	Width

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ParticleAccelerator (Area 00)   Particle Accelerator

Attribute Set   **An apparatus for imparting high velocities to charged particles.**

Area	Facility Operational Status	*Feature Code*	Full Name
Length	Memorandum	Name Identifier	Navigation Landmark
Physical Condition Of Facility	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier	Width

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ParticleAccelerator (Line 00)   Particle Accelerator

Attribute Set   **An apparatus for imparting high velocities to charged particles.**

Area	Facility Operational Status	*Feature Code*	Full Name
Length	Memorandum	Name Identifier	Navigation Landmark
Physical Condition Of Facility	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier	Width

---

ParticleAccelerator (Point 00)   Particle Accelerator

Attribute Set   **An apparatus for imparting high velocities to charged particles.**

Area	Facility Operational Status	*Feature Code*	Full Name
Length	Memorandum	Name Identifier	Navigation Landmark
Physical Condition Of Facility	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier	Width

---

Penstock (Line 00)   Penstock

Attribute Set   **A pipeline that is used by hydroelectric plants to transport water by gravity from a reservoir to the turbine(s).**

Area	*Diameter*	Facility Operational Status	*Feature Code*
Height Above Surface Level	Highest Elevation	Length	Memorandum
Navigation Landmark	*Physical Condition Of Facility*	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	Supported
Unique Entity Identifier	Vertical Relative Location		

PhysiographyCrv (FeatureGroup 00)   *PhysiographyCrv*

Attribute Set   ***A collection of features specifying information about the natural features of the Earth's surface as well as their formations. [DESCRIPTION] For example, snow and ice regions, landforms and exposed surface materials.***

PhysiographyPnt (FeatureGroup 00)   *PhysiographyPnt*

Attribute Set   ***A collection of features specifying information about the natural features of the Earth's surface as well as their formations. [DESCRIPTION] For example, snow and ice regions, landforms and exposed surface materials.***

Feature

Definition

PhysiographySrf (FeatureGroup 00)

PhysiographySrf

Attribute Set

A collection of features specifying information about the natural features of the Earth's surface as well as their formations. [DESCRIPTION] For example, snow and ice regions, landforms and exposed surface materials.

PicnicSite (Area 00)

Picnic Site

Attribute Set

A site that has been set aside for picnics.   [Description] It may have picnic tables for public use.

Area	Facility Operational Status	*Feature Code*	Full Name
Length	Memorandum	Name Identifier	Navigation Landmark
Physical Condition Of Facility	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier	Width

Pipeline (Line 00)

Pipeline

Attribute Set

A connected set of pipes for conveying liquids, slurries, or gases.   [Description] Usually for long distances and often located underground.

Arsenic Concentration	Average Water Depth	*Chloride Concentration*	*Coliform Concentration*
Contained within Tunnel	Controlling Authority	*Cyanide Concentration*	Deck Level
Deepest Depth Below Surface	*Diameter*	Facility Operational Status	*Feature Code*
Floating	Full Name	Geographic Name Type	Height Above Surface Level
Highest Elevation	Horizontal Accuracy Category	Hydrographic Depth	*Least Depth Below Surface*
Length	Linear Feature Arrangement	*Magnesium Concentration*	Memorandum
Name Identifier	Navigation Landmark	Parallel Line Count	*pH of Water*
Physical Condition Of Facility	Pipeline Type	Predominant Average Water Velocity	Product
Pump Type	Relative Level	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	Structural Material Type
Sulfate Concentration	Supported	Supported by Bridge Span	*Temperature*
Total Dissolved Solids	*Turbidity*	Unique Entity Identifier	Vertical Relative Location
Water Conductivity	*Water Flow*	*Water Hardness*	Water Potability
Water Pump Accessibility	Water Type	*Water Use*	Waterbody Overhead Obstruction

PipelineCrossingPoint (Point 00)

Pipeline Crossing Point

Attribute Set

A traversable site extending across a pipeline that acts as a passageway for cross-country movement of vehicles or troops.

Area	Facility Operational Status	*Feature Code*	Full Name
Length	Memorandum	Name Identifier	*Physical Condition Of Facility*
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Unique Entity Identifier	Width	

PlantNursery (Area 00)

Plant Nursery

Attribute Set

A tract where plants (for example: shrubs, flowers, and/or trees) are grown for transplanting, seed, and/or grafting.

Address	Area	Crop Species	Farming Pattern
Feature Code	Full Name	Length	Memorandum
Name Identifier	Navigation Landmark	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier
Vegetation Trafficability Impact	Width		

Feature   Definition

PolarIce (Area 00)   Polar Ice

Attribute Set

Sea ice that is more than one year old and more than 3 metres thick.   [Description] Sea ice is any form of ice which has originated from sea water.

Area	*Feature Code*	Full Name	Height Above Surface Level
Highest Elevation	Length	Memorandum	Name Identifier
Predominant Feature Height	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Seasonal Ice Limit	Specified Enumerant(s)	Unique Entity Identifier
Width			

Port (Area 00)   Port

Attribute Set

A place provided with terminal and transfer facilities for loading and/or discharging cargo or passengers, usually located in a harbour.   [Description] A port and its related waters together comprise a harbour.

Address	Area	By-product	Controlling Authority
Facility Operational Status	*Feature Code*	Feature Function	Full Name
Height Above Surface Level	Highest Elevation	Length	Memorandum
Name Identifier	Navigation Landmark	*Physical Condition Of Facility*	Product
Raw Material	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	Tide Influenced	Unique Entity Identifier
Width	World Port Index Identifier		

Port (Point 00)   Port

Attribute Set

A place provided with terminal and transfer facilities for loading and/or discharging cargo or passengers, usually located in a harbour.   [Description] A port and its related waters together comprise a harbour.

Address	Area	By-product	Controlling Authority
Facility Operational Status	*Feature Code*	Feature Function	Full Name
Height Above Surface Level	Highest Elevation	Length	Memorandum
Name Identifier	Navigation Landmark	*Physical Condition Of Facility*	Product
Raw Material	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	Tide Influenced	Unique Entity Identifier
Width	World Port Index Identifier		

PortHarbourCrv (FeatureGroup 00)   *PortHarbourCrv*

Attribute Set

A collection of features specifying information about installations for handling waterborne shipping (ports); or areas where the anchorage and shore are protected from the sea and storms by natural or man-made barriers (harbours). [DESCRIPTION] An area that does not have this protection but is still suitable for vessel anchorage is termed an 'open anchorage' or 'roadstead'. A good harbour must have deep water, adequate protection from storms, enough space to accommodate large numbers of vessels,

PortHarbourPnt (FeatureGroup 00)   *PortHarbourPnt*

Attribute Set

A collection of features specifying information about installations for handling waterborne shipping (ports); or areas where the anchorage and shore are protected from the sea and storms by natural or man-made barriers (harbours). [DESCRIPTION] An area that does not have this protection but is still suitable for vessel anchorage is termed an 'open anchorage' or 'roadstead'. A good harbour must have deep water, adequate protection from storms, enough space to accommodate large numbers of vessels,

Feature   Definition

PortHarbourSrf (FeatureGroup 00)   *PortHarbourSrf*

Attribute Set   *A collection of features specifying information about installations for handling waterborne shipping (ports); or areas where the anchorage and shore are protected from the sea and storms by natural or man-made barriers (harbours). [DESCRIPTION] An area that does not have this protection but is still suitable for vessel anchorage is termed an 'open anchorage' or 'roadstead'. A good harbour must have deep water, adequate protection from storms, enough space to accommodate large numbers of vessels,*

PowerSubstation (Area 00)   **Power Substation**

Attribute Set   **A facility, along a power transmission line, in which electric current is switched, transformed, and/or converted.**

Address	Area	Facility Operational Status	*Feature Code*
Full Name	Height Above Surface Level	Highest Elevation	Length
Memorandum	Name Identifier	Navigation Landmark	*Physical Condition Of Facility*
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Substation Type	Unique Entity Identifier	Vertical Construction Material
Width			

PowerSubstation (Point 00)   **Power Substation**

Attribute Set   **A facility, along a power transmission line, in which electric current is switched, transformed, and/or converted.**

Address	Area	Facility Operational Status	*Feature Code*
Full Name	Height Above Surface Level	Highest Elevation	Length
Memorandum	Name Identifier	Navigation Landmark	*Physical Condition Of Facility*
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Substation Type	Unique Entity Identifier	Vertical Construction Material
Width			

PreparedWatercourseCross (Line 00)   **Prepared Watercourse Crossing**

Attribute Set   **A location on a watercourse that has ramps, structural piles, and/or piers constructed on one or both shores to allow for suitable future crossing operations using floating bridges or rafting equipment.   [Description] For example, a prepared float bridge site or a prepared raft site.**

Facility Operational Status	*Feature Code*	Full Name	Height Above Surface Level
Horizontal Clearance	Length	Load Class Type 1	Load Class Type 2
Load Class Type 3	Load Class Type 4	Memorandum	Name Identifier
Physical Condition Of Facility	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier	Width

---

PreparedWatercourseCross (Point 00)   **Prepared Watercourse Crossing**

Attribute Set   **A location on a watercourse that has ramps, structural piles, and/or piers constructed on one or both shores to allow for suitable future crossing operations using floating bridges or rafting equipment.   [Description] For example, a prepared float bridge site or a prepared raft site.**

Facility Operational Status	*Feature Code*	Full Name	Height Above Surface Level
Horizontal Clearance	Length	Load Class Type 1	Load Class Type 2
Load Class Type 3	Load Class Type 4	Memorandum	Name Identifier
Physical Condition Of Facility	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier	Width

Feature

Definition

PublicSquare (Area 00)

Public Square

Attribute Set

An open site that serves as a public meeting location in a built-up area.

Address	Area	Facility Operational Status	*Feature Code*
Full Name	Length	Memorandum	Name Identifier
Physical Condition Of Facility	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier	Width

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PublicSquare (Point 00)

Public Square

Attribute Set

An open site that serves as a public meeting location in a built-up area.

Address	Area	Facility Operational Status	*Feature Code*
Full Name	Length	Memorandum	Name Identifier
Physical Condition Of Facility	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier	Width

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PumpingStation (Area 00)

Pumping Station

Attribute Set

A facility to move solids, liquids or gases by means of pressure or suction.

Address	Area	*Arsenic Concentration*	Average Water Depth
Chloride Concentration	*Coliform Concentration*	Controlling Authority	*Cyanide Concentration*
Deepest Depth Below Surface	*Device Power Type*	*Device Relative Location*	Facility Operational Status
Feature Code	Feature Function	Full Name	Geographic Name Type
Height Above Surface Level	Highest Elevation	Length	Located Underground
Magnesium Concentration	Memorandum	Name Identifier	Navigation Landmark
pH of Water	*Physical Condition Of Facility*	Predominant Average Water Velocity	Predominant Maximum Water Depth
Predominant Maximum Water Velocity	Predominant Minimum Water Depth	Predominant Minimum Water Velocity	Product
Pump Type	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	*Sulfate Concentration*	*Temperature*
Total Dissolved Solids	*Turbidity*	Unique Entity Identifier	Vertical Construction Material
Volume	*Water Conductivity*	*Water Flow*	*Water Hardness*
Water Potability	Water Type	*Water Use*	Width

PumpingStation (Point 00)

Pumping Station

Attribute Set

A facility to move solids, liquids or gases by means of pressure or suction.

Address	Area	*Arsenic Concentration*	Average Water Depth
Chloride Concentration	*Coliform Concentration*	Controlling Authority	*Cyanide Concentration*
Deepest Depth Below Surface	*Device Power Type*	*Device Relative Location*	Facility Operational Status
Feature Code	Feature Function	Full Name	Geographic Name Type
Height Above Surface Level	Highest Elevation	Length	Located Underground
Magnesium Concentration	Memorandum	Name Identifier	Navigation Landmark
pH of Water	*Physical Condition Of Facility*	Predominant Average Water Velocity	Predominant Maximum Water Depth
Predominant Maximum Water Velocity	Predominant Minimum Water Depth	Predominant Minimum Water Velocity	Product
Pump Type	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	*Sulfate Concentration*	*Temperature*
Total Dissolved Solids	*Turbidity*	Unique Entity Identifier	Vertical Construction Material
Volume	*Water Conductivity*	*Water Flow*	*Water Hardness*
Water Potability	Water Type	*Water Use*	Width

Feature

Definition

Pylon (Point 00)

Attribute Set

Pylon

A pylon or pole used to support one or more cables.

Aeronautical Obstacle Light Present	Area	Cable Type	Facility Operational Status
Feature Code	Full Name	Guyed	Height Above Surface Level
Highest Elevation	Length	Memorandum	Name Identifier
Navigation Landmark	*Physical Condition Of Facility*	Pylon Configuration	Pylon Material
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Tower Shape	Unique Entity Identifier	Vertical Obstruction Identifier
Width			

QanatShaft (Point 00)

Attribute Set

Qanat Shaft

A vertical shaft that provides access to an underground aqueduct and which is part of a qanat system.   [Description] A qanat system consists a system of deep underground tunnels especially constructed to channel water from an uphill region to a dryer lower region for use (for example: a village, a garden, a crop land), and qanat shafts to provide access from the surface to the underground tunnels.

Area	*Arsenic Concentration*	*Chloride Concentration*	*Coliform Concentration*
Controlling Authority	*Cyanide Concentration*	*Deepest Depth Below Surface*	Facility Operational Status
Feature Code	Full Name	Geographic Name Type	Height Above Surface Level
Highest Elevation	Hydrologic Persistence	Length	*Magnesium Concentration*
Memorandum	Name Identifier	Navigation Landmark	*pH of Water*
Physical Condition Of Facility	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	*Sulfate Concentration*	*Temperature*
Total Dissolved Solids	*Turbidity*	Unique Entity Identifier	*Water Conductivity*
Water Hardness	Water Potability	Water Type	Width

Racetrack (Area 00)

Attribute Set

Racetrack

A ground or tract marked out for racing.   [Description] The track may be banked to facilitate high-speed racing, either by grading of the terrain or the use of structures. The bank angle may exceed 30 arc degrees and such structures can reach significant heights.

Address	Area	Facility Operational Status	*Feature Code*
Full Name	Height Above Surface Level	Length	Memorandum
Name Identifier	Navigation Landmark	*Physical Condition Of Facility*	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Unique Entity Identifier	Width		

Racetrack (Line 00)

Attribute Set

Racetrack

A ground or tract marked out for racing.   [Description] The track may be banked to facilitate high-speed racing, either by grading of the terrain or the use of structures. The bank angle may exceed 30 arc degrees and such structures can reach significant heights.

Address	Area	Facility Operational Status	*Feature Code*
Full Name	Height Above Surface Level	Length	Memorandum
Name Identifier	Navigation Landmark	*Physical Condition Of Facility*	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Unique Entity Identifier	Width		

RadarStation (Area 00)

Attribute Set

Radar Station

A facility utilizing radar to detect and analyze objects (for example: aircraft, artificial satellites, asteroids, and/or missiles) and/or environmental phenomena (for example: tornadoes).   [Description] May include both a radar aerial as well as a structure housing radar equipment.

Feature

Definition

Address	Area	Facility Operational Status	*Feature Code*
Feature Function	Full Name	Height Above Surface Level	Highest Elevation
Length	Memorandum	Military Service Branch	Name Identifier
Navigation Landmark	Permanent	*Physical Condition Of Facility*	Radar Antenna Configuration
Radar Station Function	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier	Width

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RadarStation (Point 00)   Radar Station

Attribute Set

A facility utilizing radar to detect and analyze objects (for example: aircraft, artificial satellites, asteroids, and/or missiles) and/or environmental phenomena (for example: tornadoes).   [Description] May include both a radar aerial as well as a structure housing radar equipment.

Address	Area	Facility Operational Status	*Feature Code*
Feature Function	Full Name	Height Above Surface Level	Highest Elevation
Length	Memorandum	Military Service Branch	Name Identifier
Navigation Landmark	Permanent	*Physical Condition Of Facility*	Radar Antenna Configuration
Radar Station Function	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier	Width

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Railway (Line 00)   Railway

Attribute Set

One or more railway tracks comprising a network that is operated for the conveyance of passengers and/or goods.

Contained within Tunnel	Controlling Authority	Deck Level	Facility Operational Status
Feature Code	Full Name	Horizontal Accuracy Category	Length
Linear Feature Arrangement	Memorandum	Name Identifier	Navigation Landmark
Physical Condition Of Facility	Railway Class	Railway Gauge	Railway Gauge Classification
Railway in Road	Railway Power Method	Railway Use	Relative Level
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Supported by Bridge Span	Surface Slope	Survey Coverage Category
Track or Lane Count	Track Type	Unique Entity Identifier	Vertical Relative Location
Width			

RailwaySidetrack (Line 00)   Railway Sidetrack

Attribute Set

A stretch of railway track connected to a main railway and used for temporary storage, passing, loading, and/or unloading.

Branch Railway Type	Contained within Tunnel	Cumulative Track Length	Facility Operational Status
Feature Code	Full Name	Length	Memorandum
Name Identifier	*Physical Condition Of Facility*	Railway Gauge	Railway Gauge Classification
Railway in Road	Railway Power Method	Railway Use	Relative Level
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Supported by Bridge Span	Surface Slope	Track or Lane Count
Track Type	Unique Entity Identifier	Vertical Relative Location	Width

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RailwaySignal (Point 00)   Railway Signal

Attribute Set

A signal used to control traffic on a railway.

Area	Facility Operational Status	*Feature Code*	Full Name
Length	Memorandum	Name Identifier	*Physical Condition Of Facility*
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Unique Entity Identifier	Width	

Feature   Definition

RailwayTurntable (Area 00)   **Railway Turntable**

  Attribute Set   **A rotating platform with railway tracks used for turning locomotives and/or railway carriages.   [Description] May be enclosed within a structure.**

Area	Facility Operational Status	*Feature Code*	Full Name
Length	Memorandum	Name Identifier	Navigation Landmark
Physical Condition Of Facility	Railway Gauge	Railway Gauge Classification	Railway Power Method
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Track Type	Unique Entity Identifier	Width

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RailwayTurntable (Point 00)   **Railway Turntable**

  Attribute Set   **A rotating platform with railway tracks used for turning locomotives and/or railway carriages.   [Description] May be enclosed within a structure.**

Area	Facility Operational Status	*Feature Code*	Full Name
Length	Memorandum	Name Identifier	Navigation Landmark
Physical Condition Of Facility	Railway Gauge	Railway Gauge Classification	Railway Power Method
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Track Type	Unique Entity Identifier	Width

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RailwayYard (Area 00)   **Railway Yard**

  Attribute Set   **A system of railway tracks and associated structures that are located within defined limits and that provide for loading, unloading, and/or assembling trains.**

Address	Area	Cumulative Track Length	Facility Operational Status
Feature Code	Feature Function	Full Name	Height Above Surface Level
Highest Elevation	Length	Memorandum	Name Identifier
Navigation Landmark	*Physical Condition Of Facility*	Railway Gauge	Railway Gauge Classification
Railway Power Method	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	Track or Lane Count	Track Type
Unique Entity Identifier	Width		

RailwayYard (Point 00)   **Railway Yard**

  Attribute Set   **A system of railway tracks and associated structures that are located within defined limits and that provide for loading, unloading, and/or assembling trains.**

Address	Area	Cumulative Track Length	Facility Operational Status
Feature Code	Feature Function	Full Name	Height Above Surface Level
Highest Elevation	Length	Memorandum	Name Identifier
Navigation Landmark	*Physical Condition Of Facility*	Railway Gauge	Railway Gauge Classification
Railway Power Method	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	Track or Lane Count	Track Type
Unique Entity Identifier	Width		

Ramp (Area 00)   **Ramp**

  Attribute Set   **An inclined plane, usually man-made, for moving between two levels.**

Area	Facility Operational Status	*Feature Code*	Full Name
Length	Memorandum	Name Identifier	*Physical Condition Of Facility*
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Unique Entity Identifier	Width	

Feature

Definition

Ramp (Line 00)

Ramp

Attribute Set

An inclined plane, usually man-made, for moving between two levels.

Area	Facility Operational Status	*Feature Code*	Full Name
Length	Memorandum	Name Identifier	*Physical Condition Of Facility*
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Unique Entity Identifier	Width	

Rapids (Area 00)

Rapids

Attribute Set

Portions of a stream with accelerated current where it descends rapidly but without a break in the slope of the bed sufficient to form a waterfall. [Description] The surface is usually broken by boulders and rocks.

Area	*Feature Code*	Full Name	Length
Memorandum	Name Identifier	Navigation Landmark	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Unique Entity Identifier	Width		

Rapids (Line 00)

Rapids

Attribute Set

Portions of a stream with accelerated current where it descends rapidly but without a break in the slope of the bed sufficient to form a waterfall. [Description] The surface is usually broken by boulders and rocks.

Area	*Feature Code*	Full Name	Length
Memorandum	Name Identifier	Navigation Landmark	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Unique Entity Identifier	Width		

Rapids (Point 00)

Rapids

Attribute Set

Portions of a stream with accelerated current where it descends rapidly but without a break in the slope of the bed sufficient to form a waterfall. [Description] The surface is usually broken by boulders and rocks.

Area	*Feature Code*	Full Name	Length
Memorandum	Name Identifier	Navigation Landmark	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Unique Entity Identifier	Width		

RecreationCrv (FeatureGroup 00)

RecreationCrv

Attribute Set

A collection of features designated for individual or group use for recreation or leisure. [DESCRIPTION] The site may be a predominantly man-made facility equipped with recreational devices, such as amusement parks or an area where permanent facilities exist to hold outdoor fairs, circuses, exhibitions or auto races or a natural or historical area of land an

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RecreationPnt (FeatureGroup 00)

RecreationPnt

Attribute Set

A collection of features designated for individual or group use for recreation or leisure. [DESCRIPTION] The site may be a predominantly man-made facility equipped with recreational devices, such as amusement parks or an area where permanent facilities exist to hold outdoor fairs, circuses, exhibitions or auto races or a natural or historical area of land an

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Feature   Definition

RecreationSrf (FeatureGroup 00)   RecreationSrf

Attribute Set

A collection of features designated for individual or group use for recreation or leisure. [DESCRIPTION] The site may be a predominantly man-made facility equipped with recreational devices, such as amusement parks or an area where permanent facilities exist to hold outdoor fairs, circuses, exhibitions or auto races or a natural or historical area of land an

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RecyclingSite (Area 00)   Recycling Site

Attribute Set

A site engaged in the wrecking, dismantling, storage, recycling, and/or disposal of discarded or scrap products.   [Description] For example, a wrecking yard or a scrap yard.

Area	Controlling Authority	Facility Operational Status	*Feature Code*
Full Name	Height Above Surface Level	Highest Elevation	Length
Memorandum	Name Identifier	Navigation Landmark	*Physical Condition Of Facility*
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Unique Entity Identifier	Width	

Reef (Area 00)   Reef

Attribute Set

A mass of rock or coral which either reaches close to the sea surface or is exposed at low tide, posing a hazard to navigation.

Delineation Known	*Feature Code*	Full Name	Hydrographic Depth
Memorandum	Name Identifier	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	Structural Material Type
Unique Entity Identifier	Water Level Effect		

Reef (Line 00)   Reef

Attribute Set

A mass of rock or coral which either reaches close to the sea surface or is exposed at low tide, posing a hazard to navigation.

Delineation Known	*Feature Code*	Full Name	Hydrographic Depth
Memorandum	Name Identifier	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	Structural Material Type
Unique Entity Identifier	Water Level Effect		

RetailStand (Area 00)   Retail Stand

Attribute Set

A small structure that stands alone, and is designated for the purpose of supplying a product (for example: souvenirs, magazines, snacks or refreshments) or service (for example: a shoe shine) to passers-by.   [Description] It may be roofed (for example: a newspaper stand along the side of a city street or the attendant's booth in a parking lot or at a taxi cab stand), covered by an awning (for example: a cellular phone booth in the center of the promenade of a shopping mall or a hot dog stand on a city sidewalk), or unroofed. Although often semi-permanent in nature it may be wheeled and portable on a seasonal basis or more frequently as business conditions warrant.

Angle of Orientation	Area	Facility Operational Status	*Feature Code*
Feature Function	Full Name	Height Above Surface Level	Highest Elevation
Length	Memorandum	Name Identifier	Navigation Landmark
Physical Condition Of Facility	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	Structural Material Type	Unique Entity Identifier
Width			

RiceField (Area 00)   Rice Field

Attribute Set

A tract that is periodically covered with water and is used for growing rice.

Feature
Definition

Area	*Arsenic Concentration*	Average Water Depth	*Chloride Concentration*
Coliform Concentration	Crop Species	*Cyanide Concentration*	*Deepest Depth Below Surface*
Farming Method	Farming Pattern	*Feature Code*	Full Name
Hydrologic Persistence	Length	*Magnesium Concentration*	Memorandum
Name Identifier	*pH of Water*	Predominant Maximum Water Depth	Predominant Water Depth
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	*Sulfate Concentration*	*Temperature*	*Total Dissolved Solids*
Turbidity	Unique Entity Identifier	Vegetation Trafficability Impact	*Water Conductivity*
Water Hardness	Water Potability	Water Type	*Water Use*
Width			

Rig (Area 00)   **Rig**

Attribute Set
A superstructure fitted for drilling or lifting operations for extraction and/or exploitation of natural resources.

Aeronautical Obstacle Light Present	Area	Facility Operational Status	*Feature Code*
Full Name	Height Above Surface Level	Highest Elevation	Length
Location Referenced to Shoreline	Memorandum	Name Identifier	Navigation Landmark
Physical Condition Of Facility	Product	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier
Vertical Construction Material	Vertical Obstruction Identifier	Width	

Rig (Point 00)   **Rig**

Attribute Set
A superstructure fitted for drilling or lifting operations for extraction and/or exploitation of natural resources.

Aeronautical Obstacle Light Present	Area	Facility Operational Status	*Feature Code*
Full Name	Height Above Surface Level	Highest Elevation	Length
Location Referenced to Shoreline	Memorandum	Name Identifier	Navigation Landmark
Physical Condition Of Facility	Product	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier
Vertical Construction Material	Vertical Obstruction Identifier	Width	

River (Area 00)   **River**

Attribute Set
A natural flowing watercourse.

Above Water Bank Slope	Above Water Bank Slope	Area	*Arsenic Concentration*
Average Water Depth	Bank Orientation	Bank Orientation	Bottom Material Type
Bottom Material Type	Bottom Material Type	*Chloride Concentration*	*Coliform Concentration*
Covered Drain	Covered Drain Length	*Cyanide Concentration*	*Deepest Depth Below Surface*
Feature Code	Full Name	Geographic Name Type	Highest Elevation
Horizontal Accuracy Category	Hydrographic Depth	Hydrologic Persistence	Isolated
Least Depth Below Surface	Length	*Magnesium Concentration*	Memorandum
Name Identifier	Navigability Information	*pH of Water*	Predominant Average Water Velocity
Predominant Maximum Water Depth	Predominant Maximum Water Velocity	Predominant Minimum Water Depth	Predominant Minimum Water Velocity
Predominant Water Depth	Predominant Waterbody Bank Height	Predominant Waterbody Bank Height	Predominant Waterbody Bank Slope
Predominant Waterbody Bank Slope	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Shoreline Delineated	Shoreline Delineated	Shoreline Type
Shoreline Type	Specified Enumerant(s)	*Sulfate Concentration*	*Temperature*
Terrain Gap Width	Tide Influenced	*Total Dissolved Solids*	*Turbidity*
Unique Entity Identifier	Vertical Relative Location	*Water Conductivity*	*Water Flow*
Water Flow Rate Category	*Water Hardness*	Water Potability	*Water Pump Accessibility*
Water Stage	Water Type	*Water Use*	Waterbody Bank Height
Waterbody Bank Height	Waterbody Bank Vegetation Cover	Waterbody Bank Vegetation Cover	Watercourse Channel Type
Watercourse Morphology	Watercourse Sink Type	Width	

Feature

Definition

River (Line 00)

River

Attribute Set

A natural flowing watercourse.

Above Water Bank Slope	Above Water Bank Slope	Area	*Arsenic Concentration*
Average Water Depth	Bank Orientation	Bank Orientation	Bottom Material Type
Bottom Material Type	Bottom Material Type	*Chloride Concentration*	*Coliform Concentration*
Covered Drain	Covered Drain Length	*Cyanide Concentration*	*Deepest Depth Below Surface*
Feature Code	Full Name	Geographic Name Type	Highest Elevation
Horizontal Accuracy Category	Hydrographic Depth	Hydrologic Persistence	Isolated
Least Depth Below Surface	Length	*Magnesium Concentration*	Memorandum
Name Identifier	Navigability Information	*pH of Water*	Predominant Average Water Velocity
Predominant Maximum Water Depth	Predominant Maximum Water Velocity	Predominant Minimum Water Depth	Predominant Minimum Water Velocity
Predominant Water Depth	Predominant Waterbody Bank Height	Predominant Waterbody Bank Height	Predominant Waterbody Bank Slope
Predominant Waterbody Bank Slope	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Shoreline Delineated	Shoreline Delineated	Shoreline Type
Shoreline Type	Specified Enumerant(s)	*Sulfate Concentration*	*Temperature*
Terrain Gap Width	Tide Influenced	*Total Dissolved Solids*	*Turbidity*
Unique Entity Identifier	Vertical Relative Location	*Water Conductivity*	*Water Flow*
Water Flow Rate Category	*Water Hardness*	Water Potability	*Water Pump Accessibility*
Water Stage	Water Type	*Water Use*	Waterbody Bank Height
Waterbody Bank Height	Waterbody Bank Vegetation Cover	Waterbody Bank Vegetation Cover	Watercourse Channel Type
Watercourse Morphology	Watercourse Sink Type	Width	

Road (Area 00)

Road

Attribute Set

A route with a specially prepared surface that is intended for use by wheeled vehicles.

Area	Centerline Spacing	Contained within Tunnel	Controlling Authority
Deck Level	Divided	Facility Operational Status	*Feature Code*
Feature Configuration	Flight Strip Capable	Full Name	Horizontal Accuracy Category
Length	Median Present	Memorandum	Name Identifier
One-way	*Physical Condition Of Facility*	Relative Level	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	*Road Interchange Ramp*
Road Weather Restriction	*Route Designation Type*	Route Designation	Route Median Width
Route Minimum Travelled Way Width	Route Surface Composition	Route Total Usable Width	Specified Enumerant(s)
Supported by Bridge Span	Surface Slope	Survey Coverage Category	Thoroughfare Type
Through Route	Track or Lane Count	Unique Entity Identifier	Vertical Relative Location
Width	Width of Second Travelled Way		

Road (Line 00)

Road

Attribute Set

A route with a specially prepared surface that is intended for use by wheeled vehicles.

Area	Centerline Spacing	Contained within Tunnel	Controlling Authority
Deck Level	Divided	Facility Operational Status	*Feature Code*
Feature Configuration	Flight Strip Capable	Full Name	Horizontal Accuracy Category
Length	Median Present	Memorandum	Name Identifier
One-way	*Physical Condition Of Facility*	Relative Level	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	*Road Interchange Ramp*
Road Weather Restriction	*Route Designation Type*	Route Designation	Route Median Width
Route Minimum Travelled Way Width	Route Surface Composition	Route Total Usable Width	Specified Enumerant(s)
Supported by Bridge Span	Surface Slope	Survey Coverage Category	Thoroughfare Type
Through Route	Track or Lane Count	Unique Entity Identifier	Vertical Relative Location
Width	Width of Second Travelled Way		

Feature

Definition

RoadInterchange (Area 00)   **Road Interchange**

Attribute Set   **A connection designed to provide traffic access from one road to another.**

Contained within Tunnel	Controlling Authority	Facility Operational Status	*Feature Code*
Full Name	Height Above Surface Level	Length	Memorandum
Name Identifier	Navigation Landmark	*Physical Condition Of Facility*	Relative Level
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Road Interchange Type	Road Weather Restriction	*Route Desgination Type*	Route Designation
Route Minimum Travelled Way Width	Route Surface Composition	Specified Enumerant(s)	Supported by Bridge Span
Surface Slope	Thoroughfare Type	Through Route	Track or Lane Count
Unique Entity Identifier	Vertical Relative Location	Width	

RoadInterchange (Line 00)   **Road Interchange**

Attribute Set   **A connection designed to provide traffic access from one road to another.**

Contained within Tunnel	Controlling Authority	Facility Operational Status	*Feature Code*
Full Name	Height Above Surface Level	Length	Memorandum
Name Identifier	Navigation Landmark	*Physical Condition Of Facility*	Relative Level
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Road Interchange Type	Road Weather Restriction	*Route Desgination Type*	Route Designation
Route Minimum Travelled Way Width	Route Surface Composition	Specified Enumerant(s)	Supported by Bridge Span
Surface Slope	Thoroughfare Type	Through Route	Track or Lane Count
Unique Entity Identifier	Vertical Relative Location	Width	

RoadInterchange (Point 00)   **Road Interchange**

Attribute Set   **A connection designed to provide traffic access from one road to another.**

Contained within Tunnel	Controlling Authority	Facility Operational Status	*Feature Code*
Full Name	Height Above Surface Level	Length	Memorandum
Name Identifier	Navigation Landmark	*Physical Condition Of Facility*	Relative Level
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Road Interchange Type	Road Weather Restriction	*Route Desgination Type*	Route Designation
Route Minimum Travelled Way Width	Route Surface Composition	Specified Enumerant(s)	Supported by Bridge Span
Surface Slope	Thoroughfare Type	Through Route	Track or Lane Count
Unique Entity Identifier	Vertical Relative Location	Width	

RoadsideRestArea (Area 00)   **Roadside Rest Area**

Attribute Set   **A roadside place usually having facilities for people and/or vehicles.**

Address	Area	Facility Operational Status	*Feature Code*
Feature Function	Full Name	Height Above Surface Level	Highest Elevation
Length	Memorandum	Name Identifier	Navigation Landmark
Physical Condition Of Facility	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Route Surface Composition	Specified Enumerant(s)	Unique Entity Identifier
Width			

RoadsideRestArea (Point 00)   **Roadside Rest Area**

Attribute Set   **A roadside place usually having facilities for people and/or vehicles.**

Feature

Definition

Address	Area	Facility Operational Status	*Feature Code*
Feature Function	Full Name	Height Above Surface Level	Highest Elevation
Length	Memorandum	Name Identifier	Navigation Landmark
Physical Condition Of Facility	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Route Surface Composition	Specified Enumerant(s)	Unique Entity Identifier
Width			

RockFormation (Area 00)

Rock Formation

Attribute Set

A significant outcropping of exposed bedrock.

Area	*Feature Code*	Full Name	Height Above Surface Level
Highest Elevation	Length	Memorandum	Name Identifier
Navigation Landmark	Predominant Feature Height	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Rock Formation Structure	Specified Enumerant(s)
Unique Entity Identifier	Width		

RockFormation (Point 00)

Rock Formation

Attribute Set

A significant outcropping of exposed bedrock.

Area	*Feature Code*	Full Name	Height Above Surface Level
Highest Elevation	Length	Memorandum	Name Identifier
Navigation Landmark	Predominant Feature Height	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Rock Formation Structure	Specified Enumerant(s)
Unique Entity Identifier	Width		

Roundhouse (Area 00)

Roundhouse

Attribute Set

A circular or semicircular building, with a railway turntable in the centre, used for storing and/or repairing railway locomotives.   [Description] The railway turntable may be either completely covered, partially covered or not covered, and partially or completely surrounded by the building.

Address	Aeronautical Obstacle Light Present	Angle of Orientation	Area
Controlling Authority	Facility Operational Status	*Feature Code*	Feature Function
Full Name	Height Above Surface Level	Highest Elevation	Horizontal Accuracy Category
Length	Memorandum	Name Identifier	Navigation Landmark
Physical Condition Of Facility	Railway Gauge	Railway Gauge Classification	Railway Power Method
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Roof Shape	Specified Enumerant(s)	Track Type	Unique Entity Identifier
Vertical Construction Material	Vertical Obstruction Identifier	Width	

Roundhouse (Point 00)

Roundhouse

Attribute Set

A circular or semicircular building, with a railway turntable in the centre, used for storing and/or repairing railway locomotives.   [Description] The railway turntable may be either completely covered, partially covered or not covered, and partially or completely surrounded by the building.

Address	Aeronautical Obstacle Light Present	Angle of Orientation	Area
Controlling Authority	Facility Operational Status	*Feature Code*	Feature Function
Full Name	Height Above Surface Level	Highest Elevation	Horizontal Accuracy Category
Length	Memorandum	Name Identifier	Navigation Landmark
Physical Condition Of Facility	Railway Gauge	Railway Gauge Classification	Railway Power Method
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Roof Shape	Specified Enumerant(s)	Track Type	Unique Entity Identifier
Vertical Construction Material	Vertical Obstruction Identifier	Width	

Feature

Definition

Ruins (Area 00)

Ruins

Attribute Set

The deteriorated remains of an unspecified structure.

Area	*Feature Code*	Full Name	Height Above Surface Level
Highest Elevation	Hydrographic Depth	Length	Location Referenced to Shoreline
Memorandum	Name Identifier	Navigation Landmark	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Unique Entity Identifier	Width		

Ruins (Point 00)

Ruins

Attribute Set

The deteriorated remains of an unspecified structure.

Area	*Feature Code*	Full Name	Height Above Surface Level
Highest Elevation	Hydrographic Depth	Length	Location Referenced to Shoreline
Memorandum	Name Identifier	Navigation Landmark	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Unique Entity Identifier	Width		

Runway (Area 00)

Runway

Attribute Set

A defined rectangular area on a land aerodrome prepared for the landing and take-off of aircraft.

Aerodrome Elevation	Aerodrome Movement Area Surface Category	Aerodrome Movement Area Surface Composition	Aerodrome Movement Area Surface Preparation Method
Aerodrome Pavement Functional Status	Aerodrome Surface Status	Area	Controlling Authority
Deck Level	Facility Operational Status	*Feature Code*	Full Name
Highest Elevation	Horizontal Accuracy Category	Length	Memorandum
Name Identifier	*Physical Condition Of Facility*	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Runway Designator	Runway Designator
Runway True Heading	Runway True Heading	Specified Enumerant(s)	*Surface Permanence*
Surface Slope	Surface Slope	Unique Entity Identifier	Width

Sabkha (Area 00)

Sabkha

Attribute Set

A natural depression in arid or semi-arid regions whose bed is covered with salt encrusted clayey soil.   [Description] Found especially in North Africa and Arabia.

Area	*Feature Code*	Full Name	Length
Memorandum	Name Identifier	Navigation Landmark	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Unique Entity Identifier	Width		

SaltEvaporator (Area 00)

Salt Evaporator

Attribute Set

Shallow pools, normally man-made, used for the natural evaporation of water for the collection of salt.

Area	Facility Operational Status	*Feature Code*	Full Name
Length	Man-made	Memorandum	Name Identifier
Navigation Landmark	*Physical Condition Of Facility*	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier
Width			

Feature

Definition

SaltEvaporator (Point 00)

Attribute Set

Salt Evaporator

Shallow pools, normally man-made, used for the natural evaporation of water for the collection of salt.

Area	Facility Operational Status	*Feature Code*	Full Name
Length	Man-made	Memorandum	Name Identifier
Navigation Landmark	*Physical Condition Of Facility*	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier
Width			

SaltFlat (Area 00)

Attribute Set

Salt Flat

A flat area of natural surface salt deposits.   [Description] May also be used to describe smaller areas; these are commonly termed salt pans.

Area	*Feature Code*	Full Name	Length
Memorandum	Name Identifier	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	Structural Material Type
Unique Entity Identifier	Width		

SandDunes (Area 00)

Attribute Set

Sand Dunes

One or more mounds or ridges of sand usually formed by the wind.

Area	*Feature Code*	Feature Element Orientation	Full Name
Height Above Surface Level	Highest Elevation	Length	Memorandum
Name Identifier	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Sand Dune Orientation	Sand Dune Stabilized	Sand Dune Type
Specified Enumerant(s)	Unique Entity Identifier	Width	

Scoreboard (Point 00)

Attribute Set

Scoreboard

A large outdoor board for publicly displaying the score in an athletic event.   [Description] Usually associated with a sports stadium or major playing field.

Aeronautical Obstacle Light Present	Angle of Orientation	Area	Facility Operational Status
Feature Code	Full Name	Height Above Surface Level	Height of Object
Highest Elevation	Length	Memorandum	Name Identifier
Navigation Landmark	*Physical Condition Of Facility*	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier
Vertical Obstruction Identifier			

SeaplaneRun (Area 00)

Attribute Set

Seaplane Run

A designated portion of water that is outlined by visual surface markings and used by seaplanes to land and take-off.

Angle of Orientation	Area	Facility Operational Status	*Feature Code*
Full Name	Highest Elevation	Length	Memorandum
Name Identifier	*Physical Condition Of Facility*	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier
Width			

Settlement (Area 00)

Attribute Set

Settlement

A continuously occupied concentration of tents or lightweight fixed structures (for example: huts) serving as residences.   [Description] May also include supporting non-residential (for example: commercial) structures.

Feature   ## Definition

Area	Facility Operational Status	*Feature Code*	Feature Function
Full Name	Height Above Surface Level	Highest Elevation	Homogenous Habitation Distribution
Length	Memorandum	Name Identifier	Navigation Landmark
Physical Condition Of Facility	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier	Width

---

Settlement (Point 00)   **Settlement**

Attribute Set

A continuously occupied concentration of tents or lightweight fixed structures (for example: huts) serving as residences.   [Description] May also include supporting non-residential (for example: commercial) structures.

Area	Facility Operational Status	*Feature Code*	Feature Function
Full Name	Height Above Surface Level	Highest Elevation	Homogenous Habitation Distribution
Length	Memorandum	Name Identifier	Navigation Landmark
Physical Condition Of Facility	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier	Width

---

SettlementPnt (FeatureGroup 00)   ***SettlementPnt***

Attribute Set

A collection of features specifying information about concentrations of structures and/or buildings that serve as dwellings or zones of occupancy. [DESCRIPTION] The term applies to developed areas where more than one family or family group lives as a community.

SettlementSrf (FeatureGroup 00)   ***SettlementSrf***

Attribute Set

A collection of features specifying information about concentrations of structures and/or buildings that serve as dwellings or zones of occupancy. [DESCRIPTION] The term applies to developed areas where more than one family or family group lives as a community.

SettlingPond (Area 00)   **Settling Pond**

Attribute Set

A small reservoir where solid matter is precipitated from a liquid by evaporating or settling.

Area	Average Water Depth	*Deepest Depth Below Surface*	Facility Operational Status
Feature Code	Full Name	Length	Memorandum
Name Identifier	Navigation Landmark	*Physical Condition Of Facility*	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Unique Entity Identifier	Volume	Width	

SewageTreatmentPlant (Area 00)   **Sewage Treatment Plant**

Attribute Set

An operational area with buildings and other facilities for the purification of wastewater.

Feature

Definition

Address	Area	*Arsenic Concentration*	Average Water Depth
By-product	*Chloride Concentration*	*Coliform Concentration*	Controlling Authority
Cyanide Concentration	*Deepest Depth Below Surface*	*Device Power Type*	*Device Relative Location*
Facility Operational Status	*Feature Code*	Full Name	Geographic Name Type
Height Above Surface Level	Highest Elevation	Length	Located Underground
Magnesium Concentration	Memorandum	Name Identifier	Navigation Landmark
pH of Water	*Physical Condition Of Facility*	Predominant Average Water Velocity	Predominant Maximum Water Depth
Predominant Maximum Water Velocity	Predominant Minimum Water Depth	Product	*Pump Type*
Purification Process	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	*Sulfate Concentration*	*Temperature*
Total Dissolved Solids	*Turbidity*	Unique Entity Identifier	Vertical Construction Material
Water Conductivity	*Water Flow*	*Water Hardness*	Water Type
Water Use	Width	Wireless Telecommunication Type	

SewageTreatmentPlant (Point 00) **Sewage Treatment Plant**

Attribute Set
An operational area with buildings and other facilities for the purification of wastewater.

Address	Area	*Arsenic Concentration*	Average Water Depth
By-product	*Chloride Concentration*	*Coliform Concentration*	Controlling Authority
Cyanide Concentration	*Deepest Depth Below Surface*	*Device Power Type*	*Device Relative Location*
Facility Operational Status	*Feature Code*	Full Name	Geographic Name Type
Height Above Surface Level	Highest Elevation	Length	Located Underground
Magnesium Concentration	Memorandum	Name Identifier	Navigation Landmark
pH of Water	*Physical Condition Of Facility*	Predominant Average Water Velocity	Predominant Maximum Water Depth
Predominant Maximum Water Velocity	Predominant Minimum Water Depth	Product	*Pump Type*
Purification Process	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	*Sulfate Concentration*	*Temperature*
Total Dissolved Solids	*Turbidity*	Unique Entity Identifier	Vertical Construction Material
Water Conductivity	*Water Flow*	*Water Hardness*	Water Type
Water Use	Width	Wireless Telecommunication Type	

ShantyTown (Area 00) **Shanty Town**

Attribute Set
A section of a built-up area consisting chiefly of densely packed shacks and having few, if any, streets and no public facilities.   [Description] Usually located on the outskirts of the built-up area. The shacks are generally crude, improvised, and made from salvaged materials.

Area	Facility Operational Status	*Feature Code*	Feature Function
Full Name	Height Above Surface Level	Highest Elevation	Length
Memorandum	Name Identifier	Navigation Landmark	*Physical Condition Of Facility*
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Unique Entity Identifier	Width	

ShantyTown (Point 00) **Shanty Town**

Attribute Set
A section of a built-up area consisting chiefly of densely packed shacks and having few, if any, streets and no public facilities.   [Description] Usually located on the outskirts of the built-up area. The shacks are generally crude, improvised, and made from salvaged materials.

Area	Facility Operational Status	*Feature Code*	Feature Function
Full Name	Height Above Surface Level	Highest Elevation	Length
Memorandum	Name Identifier	Navigation Landmark	*Physical Condition Of Facility*
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Unique Entity Identifier	Width	

Feature | Definition

SharpCurve (Point 00)   **Sharp Curve**

Attribute Set   **A curve along a land transportation route that may restrict vehicle traffic.**

Curve Radius	*Feature Code*	Length	Memorandum
Navigation Landmark	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier	

ShearWall (Line 00)   **Shear Wall**

Attribute Set   **The wall of the excavation within a quarry or extraction mine.**

Deepest Depth Below Surface	*Feature Code*	Full Name	Height Above Surface Level
Highest Elevation	*Least Depth Below Surface*	Length	Memorandum
Name Identifier	Predominant Feature Height	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier

---

Shed (Area 00)   **Shed**

Attribute Set   **A small building, generally of light construction, that usually has one or more open sides.   [Description] Typically used for storage.**

Address	Angle of Orientation	Area	By-product
Facility Operational Status	*Feature Code*	Feature Function	Floor Count
Full Name	Height Above Surface Level	Highest Elevation	Length
Margin Number	Memorandum	Name Identifier	Navigation Landmark
Physical Condition Of Facility	Product	Raw Material	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Roof Shape
Specified Enumerant(s)	Unique Entity Identifier	Vertical Construction Material	Width

---

Shed (Point 00)   **Shed**

Attribute Set   **A small building, generally of light construction, that usually has one or more open sides.   [Description] Typically used for storage.**

Address	Angle of Orientation	Area	By-product
Facility Operational Status	*Feature Code*	Feature Function	Floor Count
Full Name	Height Above Surface Level	Highest Elevation	Length
Margin Number	Memorandum	Name Identifier	Navigation Landmark
Physical Condition Of Facility	Product	Raw Material	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Roof Shape
Specified Enumerant(s)	Unique Entity Identifier	Vertical Construction Material	Width

---

ShipElevator (Area 00)   **Ship Elevator**

Attribute Set   **A device used to raise ships vertically between water bodies with different elevations.   [Description] Normally ship elevators consist of water filled chambers which can be raised or lowered by means of mechanical devices. Commonly used to move ships between canals where locks would be impractical.**

Aeronautical Obstacle Light Present	Area	Controlling Authority	*Deepest Depth Below Surface*
Facility Operational Status	*Feature Code*	Full Name	Height Above Surface Level
Highest Elevation	Length	*Maximum Water Depth*	Memorandum
Name Identifier	Navigation Landmark	*Physical Condition Of Facility*	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Structural Material Type	Unique Entity Identifier	Usable Length	Usable Width
Vertical Obstruction Identifier	Width		

Feature

Definition

ShipElevator (Line 00)

Attribute Set

Ship Elevator

A device used to raise ships vertically between water bodies with different elevations.   [Description] Normally ship elevators consist of water filled chambers which can be raised or lowered by means of mechanical devices. Commonly used to move ships between canals where locks would be impractical.

Aeronautical Obstacle Light Present	Area	Controlling Authority	*Deepest Depth Below Surface*
Facility Operational Status	*Feature Code*	Full Name	Height Above Surface Level
Highest Elevation	Length	*Maximum Water Depth*	Memorandum
Name Identifier	Navigation Landmark	*Physical Condition Of Facility*	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Structural Material Type	Unique Entity Identifier	Usable Length	Usable Width
Vertical Obstruction Identifier	Width		

ShipElevator (Point 00)

Attribute Set

Ship Elevator

A device used to raise ships vertically between water bodies with different elevations.   [Description] Normally ship elevators consist of water filled chambers which can be raised or lowered by means of mechanical devices. Commonly used to move ships between canals where locks would be impractical.

Aeronautical Obstacle Light Present	Area	Controlling Authority	*Deepest Depth Below Surface*
Facility Operational Status	*Feature Code*	Full Name	Height Above Surface Level
Highest Elevation	Length	*Maximum Water Depth*	Memorandum
Name Identifier	Navigation Landmark	*Physical Condition Of Facility*	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Structural Material Type	Unique Entity Identifier	Usable Length	Usable Width
Vertical Obstruction Identifier	Width		

ShippingContainer (Area 00)

Attribute Set

Shipping Container

A moveable container used for the shipping of solid, liquid, or gaseous materials.   [Description] The container may be either closed on all sides or open on the top or along a side. With minor modifications, if needed, shipping containers may be used for non-traditional purposes including, for example: emergency shelter, housing, retail activities, warehousing and secure space.

Area	Facility Operational Status	*Feature Code*	Feature Function
Full Name	Height Above Surface Level	Highest Elevation	Length
Memorandum	Name Identifier	Navigation Landmark	*Physical Condition Of Facility*
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Shipping Container Type	Specified Enumerant(s)	Supported	Unique Entity Identifier
Vertical Construction Material	Width		

ShippingContainer (Point 00)

Attribute Set

Shipping Container

A moveable container used for the shipping of solid, liquid, or gaseous materials.   [Description] The container may be either closed on all sides or open on the top or along a side. With minor modifications, if needed, shipping containers may be used for non-traditional purposes including, for example: emergency shelter, housing, retail activities, warehousing and secure space.

Area	Facility Operational Status	*Feature Code*	Feature Function
Full Name	Height Above Surface Level	Highest Elevation	Length
Memorandum	Name Identifier	Navigation Landmark	*Physical Condition Of Facility*
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Shipping Container Type	Specified Enumerant(s)	Supported	Unique Entity Identifier
Vertical Construction Material	Width		

Feature

Definition

Shipyard (Area 00)

Shipyard

Attribute Set

A large enclosed area adjoining the sea or a major river, including facilities in which ships are built or repaired.

Address	Area	Controlling Authority	Facility Operational Status
Feature Code	Feature Function	Full Name	Height Above Surface Level
Highest Elevation	Length	Memorandum	Military Service Branch
Name Identifier	Navigation Landmark	*Physical Condition Of Facility*	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Unique Entity Identifier	Width		

Shipyard (Point 00)

Shipyard

Attribute Set

A large enclosed area adjoining the sea or a major river, including facilities in which ships are built or repaired.

Address	Area	Controlling Authority	Facility Operational Status
Feature Code	Feature Function	Full Name	Height Above Surface Level
Highest Elevation	Length	Memorandum	Military Service Branch
Name Identifier	Navigation Landmark	*Physical Condition Of Facility*	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Unique Entity Identifier	Width		

ShoppingComplex (Area 00)

Shopping Complex

Attribute Set

A commercial facility tenanted by multiple retail stores (for example: household goods, clothing, or books), restaurants (for example: a food court), entertainment venues (for example: a movie theatre or electronic games arcade), and/or other businesses (for example: professional services), that is completely enclosed, climate controlled, has a common public arcade (for example: furnished with decorative plantings, benches, and/or fountains) and a common vehicle parking area (for example: a parking lot or parking garage).   [Description] When the commercial entrances open onto the interior of the complex (public access being by means of central entries and broad corridors) it may consist of multiple levels connected by escalators and is often termed a 'shopping mall'. When the commercial entrances open towards the exterior of the complex and access to individual commercial entrances is directly from an adjacent vehicle parking area it consists of a single level and is often termed a 'shopping centre' or 'shopping plaza'.

Address	Area	Facility Operational Status	*Feature Code*
Feature Function	Full Name	Height Above Surface Level	Highest Elevation
Length	Memorandum	Name Identifier	Navigation Landmark
Physical Condition Of Facility	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier	Width

Shoreline (Line 00)

Shoreline

Attribute Set

A line drawn along the normal limit of wave action above the higher high water line as defined by the National Authority.   [Description] Consideration should be given to using the (more specific) high water line based on the nature of the source data collection.

Feature Code	Horizontal Accuracy Category	Man-made	Memorandum
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Shoreline Type	Specified Enumerant(s)	Unique Entity Identifier	

ShorelineConstruction (Area 00)

Shoreline Construction

Attribute Set

An artificial structure attached to land bordering a body of water and fixed in position.   [Description] It is usually fixed to the waterbody bottom (for example: a mole) but may occasionally be fixed in position (for example: attached to the shore at one end and held between pilings at the other), but floating. Shoreline constructions are normally used for berthing and/or protection.

Feature

Definition

Area	Controlling Authority	Embankment Type	Facility Operational Status
Feature Code	Feature Function	Floating	Full Name
Height Above Surface Level	Highest Elevation	Length	Memorandum
Name Identifier	Navigation Landmark	*Physical Condition Of Facility*	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Shoreline Construction Type
Solid Maritime Construction	Specified Enumerant(s)	Structural Material Type	Unique Entity Identifier
Water Level Effect	Width		

ShorelineConstruction (Line 00)

Shoreline Construction

Attribute Set

An artificial structure attached to land bordering a body of water and fixed in position.   [Description] It is usually fixed to the waterbody bottom (for example: a mole) but may occasionally be fixed in position (for example: attached to the shore at one end and held between pilings at the other), but floating. Shoreline constructions are normally used for berthing and/or protection.

Area	Controlling Authority	Embankment Type	Facility Operational Status
Feature Code	Feature Function	Floating	Full Name
Height Above Surface Level	Highest Elevation	Length	Memorandum
Name Identifier	Navigation Landmark	*Physical Condition Of Facility*	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Shoreline Construction Type
Solid Maritime Construction	Specified Enumerant(s)	Structural Material Type	Unique Entity Identifier
Water Level Effect	Width		

ShorelineRamp (Area 00)

Shoreline Ramp

Attribute Set

A ramp-like structure on a shoreline that is intended to facilitate the movement of vessels and/or materials (for example: logs) into or out of the water.

Area	Facility Operational Status	*Feature Code*	Full Name
Height Above Surface Level	Highest Elevation	Length	Memorandum
Name Identifier	*Physical Condition Of Facility*	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Shoreline Ramp Type	Specified Enumerant(s)
Structural Material Type	Surface Slope	Unique Entity Identifier	Water Level Effect
Width			

ShorelineRamp (Line 00)

Shoreline Ramp

Attribute Set

A ramp-like structure on a shoreline that is intended to facilitate the movement of vessels and/or materials (for example: logs) into or out of the water.

Area	Facility Operational Status	*Feature Code*	Full Name
Height Above Surface Level	Highest Elevation	Length	Memorandum
Name Identifier	*Physical Condition Of Facility*	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Shoreline Ramp Type	Specified Enumerant(s)
Structural Material Type	Surface Slope	Unique Entity Identifier	Water Level Effect
Width			

Sidewalk (Line 00)

Sidewalk

Attribute Set

A paved or improved pedestrian path, typically located adjacent and parallel to a street or road.

Area	Contained within Tunnel	Facility Operational Status	*Feature Code*
Feature Function	Full Name	Highest Elevation	Length
Memorandum	Name Identifier	Navigation Landmark	*Physical Condition Of Facility*
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Road Weather Restriction	Route Minimum Travelled Way Width	Route Surface Composition	Specified Enumerant(s)
Supported by Bridge Span	Surface Slope	Unique Entity Identifier	Width

Feature

Definition

SkiJump (Line 00)

Ski-jump

Attribute Set

A man-made structure consisting of a steep ramp levelling off at the end and built on a natural slope, used in ski-jumping.

Aeronautical Obstacle Light Present	Area	Facility Operational Status	*Feature Code*
Full Name	Height Above Surface Level	Highest Elevation	Length
Memorandum	Name Identifier	Navigation Landmark	*Physical Condition Of Facility*
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Unique Entity Identifier	Vertical Obstruction Identifier	Width

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SkiJump (Point 00)

Ski-jump

Attribute Set

A man-made structure consisting of a steep ramp levelling off at the end and built on a natural slope, used in ski-jumping.

Aeronautical Obstacle Light Present	Area	Facility Operational Status	*Feature Code*
Full Name	Height Above Surface Level	Highest Elevation	Length
Memorandum	Name Identifier	Navigation Landmark	*Physical Condition Of Facility*
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Unique Entity Identifier	Vertical Obstruction Identifier	Width

---

SkiRun (Area 00)

Ski-run

Attribute Set

A slope or trail prepared for skiing.

Area	Facility Operational Status	*Feature Code*	Full Name
Height Above Surface Level	Highest Elevation	Length	Memorandum
Name Identifier	Navigation Landmark	*Physical Condition Of Facility*	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Unique Entity Identifier	Width		

SkiRun (Line 00)

Ski-run

Attribute Set

A slope or trail prepared for skiing.

Area	Facility Operational Status	*Feature Code*	Full Name
Height Above Surface Level	Highest Elevation	Length	Memorandum
Name Identifier	Navigation Landmark	*Physical Condition Of Facility*	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Unique Entity Identifier	Width		

SlopeRegion (Area 00)

Slope Region

Attribute Set

A region where the terrain slope is within a set range of values.

Feature Code	Memorandum	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	Surface Slope
Unique Entity Identifier			

Feature

Definition

SluiceGate (Line 00)

Attribute Set

Sluice Gate

A gate used to regulate the flow or level of water in a watercourse (for example: stream, irrigation ditch, or sluice).   [Description] Sluice gates are normally installed in a superstructure and/or frame and most commonly slide vertically to open but on occasion may instead slide horizontally. When opened they allow water to flow under or beside the gate. Commonly sluice gates will be installed perpendicular to the orientation of the flow of water within a watercourse and will be constructed as wide as the watercourse they regulate. Sluice gates may also be installed along the margins of watercourses for the purpose of controlling or permitting the flow of water to or from that watercourse into adjacent watercourses. Sluice gates may be used to regulate both tidal or non-tidal waters.

Facility Operational Status	*Feature Code*	Length	Memorandum
Navigation Landmark	*Physical Condition Of Facility*	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	Structural Material Type
Thickness	Unique Entity Identifier		

SluiceGate (Point 00)

Attribute Set

Sluice Gate

A gate used to regulate the flow or level of water in a watercourse (for example: stream, irrigation ditch, or sluice).   [Description] Sluice gates are normally installed in a superstructure and/or frame and most commonly slide vertically to open but on occasion may instead slide horizontally. When opened they allow water to flow under or beside the gate. Commonly sluice gates will be installed perpendicular to the orientation of the flow of water within a watercourse and will be constructed as wide as the watercourse they regulate. Sluice gates may also be installed along the margins of watercourses for the purpose of controlling or permitting the flow of water to or from that watercourse into adjacent watercourses. Sluice gates may be used to regulate both tidal or non-tidal waters.

Facility Operational Status	*Feature Code*	Length	Memorandum
Navigation Landmark	*Physical Condition Of Facility*	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	Structural Material Type
Thickness	Unique Entity Identifier		

SmallCraftFacility (Area 00)

Attribute Set

Small Craft Facility

A place at which a service generally of interest to small craft or pleasure boats is available.

Address	Area	Controlling Authority	Facility Operational Status
Feature Code	Feature Function	Full Name	Height Above Surface Level
Highest Elevation	Length	Memorandum	Name Identifier
Navigation Landmark	*Physical Condition Of Facility*	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier
Width	Wireless Telecommunication Type		

SmallCraftFacility (Point 00)

Attribute Set

Small Craft Facility

A place at which a service generally of interest to small craft or pleasure boats is available.

Address	Area	Controlling Authority	Facility Operational Status
Feature Code	Feature Function	Full Name	Height Above Surface Level
Highest Elevation	Length	Memorandum	Name Identifier
Navigation Landmark	*Physical Condition Of Facility*	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier
Width	Wireless Telecommunication Type		

Smokestack (Point 00)

Attribute Set

Smokestack

A vertical structure containing a passage or flue for discharging smoke and gases of combustion.

Feature

Definition

Aeronautical Obstacle Light Present	Area	Facility Operational Status	*Feature Code*
Full Name	Height Above Surface Level	Height of Object	Highest Elevation
Length	Memorandum	Name Identifier	Navigation Landmark
Physical Condition Of Facility	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier	Vertical Construction Material
Vertical Obstruction Identifier	Width		

Snag (Point 00)

Snag

Attribute Set

A tree, branch or broken pile embedded in the ocean floor, river or lake bottom and may not be visible on the surface, forming thereby a hazard to vessels.

Area	*Feature Code*	Full Name	Hydrographic Depth
Length	Memorandum	Name Identifier	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Unique Entity Identifier	Width		

SnowIceField (Area 00)

Snow Field and/or Ice-field

Attribute Set

A large area permanently covered by snow and/or ice.   [Description] May cover land and/or water.

Area	*Feature Code*	Frozen Cover Type	Full Name
Length	Memorandum	Name Identifier	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Soil Depth
Specified Enumerant(s)	Terrain Morphology	Unique Entity Identifier	Width

---

SoilSurfaceRegion (Area 00)

Soil Surface Region

Attribute Set

A region of the land that is homogeneous with respect to a soil characteristic.

Area	*Feature Code*	Full Name	Length
Memorandum	Name Identifier	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Soil Depth	Soil Type
Soil Wetness Condition	Specified Enumerant(s)	Terrain Morphology	Terrain Surface Material
Unique Entity Identifier	Width		

SolarFarm (Area 00)

Solar Farm

Attribute Set

An extensive collection of solar panels that are collocated and serve a common purpose (for example: the generation of electricity or the generation of heating steam and/or water).   [Description] The collection is often organized as an array covering many hundreds of square metres in area and it may be controlled so as to track the direction of the sun throughout the day.

Address	Area	Facility Operational Status	*Feature Code*
Full Name	Height Above Surface Level	Highest Elevation	Length
Memorandum	Name Identifier	Navigation Landmark	*Physical Condition Of Facility*
Product	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier	Vertical Construction Material
Width			

SolarFarm (Point 00)

Solar Farm

Attribute Set

An extensive collection of solar panels that are collocated and serve a common purpose (for example: the generation of electricity or the generation of heating steam and/or water).   [Description] The collection is often organized as an array covering many hundreds of square metres in area and it may be controlled so as to track the direction of the sun throughout the day.

Feature   Definition

Address	Area	Facility Operational Status	*Feature Code*
Full Name	Height Above Surface Level	Highest Elevation	Length
Memorandum	Name Identifier	Navigation Landmark	*Physical Condition Of Facility*
Product	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier	Vertical Construction Material
Width			

SolarPanel (Area 00)   Solar Panel

Attribute Set   **A panel designed to absorb the sun's rays for the purpose of generating electricity or heat.**

Area	Facility Operational Status	*Feature Code*	Full Name
Height Above Surface Level	Highest Elevation	Length	Memorandum
Name Identifier	Navigation Landmark	*Physical Condition Of Facility*	Product
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Unique Entity Identifier	Width	

SolarPanel (Point 00)   Solar Panel

Attribute Set   **A panel designed to absorb the sun's rays for the purpose of generating electricity or heat.**

Area	Facility Operational Status	*Feature Code*	Full Name
Height Above Surface Level	Highest Elevation	Length	Memorandum
Name Identifier	Navigation Landmark	*Physical Condition Of Facility*	Product
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Unique Entity Identifier	Width	

Sounding (Point 00)   Sounding

Attribute Set   **A spot depth or drying height that has been referenced to a vertical datum.**

Feature Code	Horizontal Accuracy Category	Hydrographic Depth	Hydrographic Drying Height
Memorandum	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Sounding Datum	Sounding Velocity Correction Method	Specified Enumerant(s)
Unique Entity Identifier			

SpaceFacility (Area 00)   Space Facility

Attribute Set   **A facility that is used to support space related activities (for example: services such as assembly, launching or recovery of spacecraft or managing flight operations).**

Address	Area	Controlling Authority	Facility Operational Status
Feature Code	Feature Function	Full Name	Height Above Surface Level
Highest Elevation	Length	Memorandum	Name Identifier
Navigation Landmark	*Physical Condition Of Facility*	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier
Width			

SpaceFacility (Point 00)   Space Facility

Attribute Set   **A facility that is used to support space related activities (for example: services such as assembly, launching or recovery of spacecraft or managing flight operations).**

Feature

Definition

Address	Area	Controlling Authority	Facility Operational Status
Feature Code	Feature Function	Full Name	Height Above Surface Level
Highest Elevation	Length	Memorandum	Name Identifier
Navigation Landmark	*Physical Condition Of Facility*	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier
Width			

SpatialMdEntCollect (Area 00)

Attribute Set

Spatial Metadata Entity Collection

A resource that collects instances of one or more modeling entities that share common source(s) and processing step(s) as the basis for their digital spatial representation.   [Description] The modeling entity specifies metadata regarding the type(s) of data that were used to define the digital representation of the spatial component(s) of the entity collection. In a 2-dimensional representation the spatial component(s) are expressed as the horizontal coordinate values of the entity geometry. In a 3-dimensional representation the vertical coordinate values may be determined using a separate source and process (for example: stereoscopic imagery), in which case the 'vertical source' attributes may be additionally used for greater specificity.

Feature Code	Specified Enumerant(s)	Unique Entity Identifier

Spillway (Area 00)

Attribute Set

Spillway

A passage for surplus water to run over or around a dam.

Area	Dam Face Type	Facility Operational Status	*Feature Code*
Full Name	Height Above Surface Level	Length	Memorandum
Name Identifier	*Physical Condition Of Facility*	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	Structural Material Type
Unique Entity Identifier	Width		

Spillway (Line 00)

Attribute Set

Spillway

A passage for surplus water to run over or around a dam.

Area	Dam Face Type	Facility Operational Status	*Feature Code*
Full Name	Height Above Surface Level	Length	Memorandum
Name Identifier	*Physical Condition Of Facility*	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	Structural Material Type
Unique Entity Identifier	Width		

SportsGround (Area 00)

Attribute Set

Sports Ground

An open area where sporting events, exercises, and/or games occur.   [Description] For example, an athletic field, a playing field, and/or a sports field.

Area	Facility Operational Status	*Feature Code*	Full Name
Height Above Surface Level	Highest Elevation	Length	Memorandum
Name Identifier	Navigation Landmark	*Physical Condition Of Facility*	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Unique Entity Identifier	Width		

SportsGround (Point 00)

Attribute Set

Sports Ground

An open area where sporting events, exercises, and/or games occur.   [Description] For example, an athletic field, a playing field, and/or a sports field.

Area	Facility Operational Status	*Feature Code*	Full Name
Height Above Surface Level	Highest Elevation	Length	Memorandum
Name Identifier	Navigation Landmark	*Physical Condition Of Facility*	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Unique Entity Identifier	Width		

Feature

Definition

SpotElevation (Point 00)

Spot Elevation

Attribute Set

A designated location with an elevation value relative to a vertical datum.

Absolute Vertical Accuracy (90%)	Elevation Surface Category	*Feature Code*	Highest Elevation
Horizontal Accuracy Category	Memorandum	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier
Vertical Datum			

Stable (Area 00)

Stable

Attribute Set

A building similar to a barn and adapted for the shelter and feeding of domestic animals, being divided into individual stalls.   [Description] Although commonly used to house horses, it may be used to house other animals (for example: prize cattle, sheep or goats) and often includes a storage loft (for example: for hay).

Address	Area	Controlling Authority	Facility Operational Status
Feature Code	Feature Function	Full Name	Height Above Surface Level
Highest Elevation	Length	Memorandum	Name Identifier
Navigation Landmark	*Physical Condition Of Facility*	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Roof Shape	Specified Enumerant(s)
Unique Entity Identifier	Vertical Construction Material	Width	Wireless Telecommunication Type

---

Stable (Point 00)

Stable

Attribute Set

A building similar to a barn and adapted for the shelter and feeding of domestic animals, being divided into individual stalls.   [Description] Although commonly used to house horses, it may be used to house other animals (for example: prize cattle, sheep or goats) and often includes a storage loft (for example: for hay).

Address	Area	Controlling Authority	Facility Operational Status
Feature Code	Feature Function	Full Name	Height Above Surface Level
Highest Elevation	Length	Memorandum	Name Identifier
Navigation Landmark	*Physical Condition Of Facility*	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Roof Shape	Specified Enumerant(s)
Unique Entity Identifier	Vertical Construction Material	Width	Wireless Telecommunication Type

---

Stadium (Area 00)

Stadium

Attribute Set

A field and/or stage partly or completely surrounded by a structure designed to allow spectators to stand or sit while viewing an event.   [Description] The field and/or stage may be enclosed in a building or be outdoors. Stadiums are surrounded on most or all sides by tiered seating for spectators. Often designed in size and shape to accommodate specific sports (for example: baseball, football, basketball or ice hockey), theater or musical performances.

Address	Aeronautical Obstacle Light Present	Area	Controlling Authority
Cover Closure Type	Facility Operational Status	*Feature Code*	Feature Function
Full Name	Height Above Surface Level	Highest Elevation	Length
Memorandum	Name Identifier	Navigation Landmark	*Physical Condition Of Facility*
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Roof Shape	Specified Enumerant(s)	Unique Entity Identifier	Vertical Obstruction Identifier
Width			

Feature   Definition

Stadium (Point 00)   Stadium

Attribute Set

A field and/or stage partly or completely surrounded by a structure designed to allow spectators to stand or sit while viewing an event.   [Description] The field and/or stage may be enclosed in a building or be outdoors. Stadiums are surrounded on most or all sides by tiered seating for spectators. Often designed in size and shape to accommodate specific sports (for example: baseball, football, basketball or ice hockey), theater or musical performances.

Address	Aeronautical Obstacle Light Present	Area	Controlling Authority
Cover Closure Type	Facility Operational Status	*Feature Code*	Feature Function
Full Name	Height Above Surface Level	Highest Elevation	Length
Memorandum	Name Identifier	Navigation Landmark	*Physical Condition Of Facility*
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Roof Shape	Specified Enumerant(s)	Unique Entity Identifier	Vertical Obstruction Identifier
Width			

Stair (Area 00)   Stair

Attribute Set

A series of fixed steps leading from one level to another, especially such a series leading from one floor level to another inside a structure. [Description] The steps may also be on the outside of the structure, for example, on a gasometer.

Area	Facility Operational Status	*Feature Code*	Full Name
Height Above Surface Level	Highest Elevation	Length	Memorandum
Name Identifier	*Physical Condition Of Facility*	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier
Width			

Stair (Line 00)   Stair

Attribute Set

A series of fixed steps leading from one level to another, especially such a series leading from one floor level to another inside a structure. [Description] The steps may also be on the outside of the structure, for example, on a gasometer.

Area	Facility Operational Status	*Feature Code*	Full Name
Height Above Surface Level	Highest Elevation	Length	Memorandum
Name Identifier	*Physical Condition Of Facility*	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier
Width			

SteepGrade (Line 00)   Steep Grade

Attribute Set

A stretch along a land transportation route where the slope is high enough to slow, hinder, or even stop traffic.   [Description] The percent (%) slope is the ratio of change in elevation (vertical distance) to horizontal ground distance multiplied by 100.

Feature Code	Gradient Length	Length	Memorandum
Navigation Landmark	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	Surface Slope	Transportation System Type
Unique Entity Identifier			

SteepGrade (Point 00)   Steep Grade

Attribute Set

A stretch along a land transportation route where the slope is high enough to slow, hinder, or even stop traffic.   [Description] The percent (%) slope is the ratio of change in elevation (vertical distance) to horizontal ground distance multiplied by 100.

Feature Code	Gradient Length	Length	Memorandum
Navigation Landmark	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	Surface Slope	Transportation System Type
Unique Entity Identifier			

Feature   # Definition

SteepTerrainFace (Line 00)

Steep Terrain Face

Attribute Set

A steep, vertical, or overhanging face of rock and/or soil. [Description] For example, an escarpment, a bluff, or a cliff.

Area	*Feature Code*	Full Name	Height Above Surface Level
Highest Elevation	Length	Memorandum	Name Identifier
Predominant Feature Height	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	Structural Material Type	Surface Slope
Unique Entity Identifier	Width		

Stopway (Area 00)

Stopway

Attribute Set

A defined rectangular area on the ground at the end of the take-off run available that has been prepared as a suitable area in which an aircraft can be stopped in the case of an abandoned take-off.

Aerodrome Elevation	Aerodrome Movement Area Surface Composition	Area	Facility Operational Status
Feature Code	Full Name	Highest Elevation	Length
Memorandum	Name Identifier	*Physical Condition Of Facility*	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Unique Entity Identifier	Width		

StorageDepot (Area 00)

Storage Depot

Attribute Set

A tract used for the storage of products and/or supplies.

Address	Area	Controlling Authority	Facility Operational Status
Feature Code	Feature Function	Full Name	Height Above Surface Level
Highest Elevation	Length	Located Underground	Margin Number
Memorandum	Name Identifier	Navigation Landmark	*Physical Condition Of Facility*
Product	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier	Width

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StorageDepot (Point 00)

Storage Depot

Attribute Set

A tract used for the storage of products and/or supplies.

Address	Area	Controlling Authority	Facility Operational Status
Feature Code	Feature Function	Full Name	Height Above Surface Level
Highest Elevation	Length	Located Underground	Margin Number
Memorandum	Name Identifier	Navigation Landmark	*Physical Condition Of Facility*
Product	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier	Width

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StoragePnt (FeatureGroup 00)

StoragePnt

Attribute Set

A collection of features specifying information about areas, structures or buildings that are used to store materials, products or supplies. [DESCRIPTION] Storage facilities may consist of tanks, grain elevators, warehouses or open storage areas. Some materials are not sensitive to changes in temperature and humidity and can be stored wholly in the open or in the open with minimal cover such as ore, steel p

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Feature   Definition

StorageSrf (FeatureGroup 00)

StorageSrf

Attribute Set

A collection of features specifying information about areas, structures or buildings that are used to store materials, products or supplies. [DESCRIPTION] Storage facilities may consist of tanks, grain elevators, warehouses or open storage areas. Some materials are not sensitive to changes in temperature and humidity and can be stored wholly in the open or in the open with minimal cover such as ore, steel p

StorageTank (Area 00)

Storage Tank

Attribute Set

A container used for the storage of liquids and/or gases that is not supported by a tower.

Aeronautical Obstacle Light Present	Area	*Arsenic Concentration*	*Chloride Concentration*
Coliform Concentration	Containment Berm Present	Controlling Authority	*Cyanide Concentration*
Facility Operational Status	*Feature Code*	Full Name	Geographic Name Type
Height Above Surface Level	Highest Elevation	Hydrologic Persistence	Length
Located Underground	*Magnesium Concentration*	Memorandum	Name Identifier
Navigation Landmark	*pH of Water*	*Physical Condition Of Facility*	Product
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Structure Shape	*Sulfate Concentration*	Supported
Temperature	*Total Dissolved Solids*	*Turbidity*	Unique Entity Identifier
Vertical Construction Material	Vertical Obstruction Identifier	Volume	*Water Conductivity*
Water Hardness	Water Potability	Water Type	*Water Use*
Width			

StorageTank (Point 00)

Storage Tank

Attribute Set

A container used for the storage of liquids and/or gases that is not supported by a tower.

Aeronautical Obstacle Light Present	Area	*Arsenic Concentration*	*Chloride Concentration*
Coliform Concentration	Containment Berm Present	Controlling Authority	*Cyanide Concentration*
Facility Operational Status	*Feature Code*	Full Name	Geographic Name Type
Height Above Surface Level	Highest Elevation	Hydrologic Persistence	Length
Located Underground	*Magnesium Concentration*	Memorandum	Name Identifier
Navigation Landmark	*pH of Water*	*Physical Condition Of Facility*	Product
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Structure Shape	*Sulfate Concentration*	Supported
Temperature	*Total Dissolved Solids*	*Turbidity*	Unique Entity Identifier
Vertical Construction Material	Vertical Obstruction Identifier	Volume	*Water Conductivity*
Water Hardness	Water Potability	Water Type	*Water Use*
Width			

StormDrain (Point 00)

Storm Drain

Attribute Set

A collector opening into a pipe or channel to allow the removal of excess runoff water or in some cases sewage.   [Description] In civil engineering terms, a drop inlet.

Area	Facility Operational Status	*Feature Code*	Full Name
Length	Memorandum	Name Identifier	*Physical Condition Of Facility*
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Structural Material Type	Unique Entity Identifier	Width

StreetLamp (Point 00)

Street Lamp

Attribute Set

A lamp intended to illuminate a road.   [Description] May also illuminate the ground adjacent to the road. Usually attached to a tall pole.

Feature

Definition

Facility Operational Status	*Feature Code*	Full Name	Height Above Surface Level
Highest Elevation	Length	Memorandum	Name Identifier
Physical Condition Of Facility	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier	

StreetSign (Point 00)   **Street Sign**

Attribute Set

A sign placed along a road for the purpose of regulating the flow of traffic (for example: vehicles and/or pedestrians) and/or providing information.

Administrative Division	Controlling Authority	Facility Operational Status	*Feature Code*
Full Name	Height Above Surface Level	Height of Object	Highest Elevation
Length	Memorandum	Name Identifier	*Physical Condition Of Facility*
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Street Sign Type	Structural Material Type	Unique Entity Identifier

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StructuralPile (Area 00)   **Structural Pile**

Attribute Set

A long pile (for example: a heavy timber or section of steel, wood, or concrete) forced into the earth that may serve as a support (for example: for a pier) or as a free standing pole within a marine environment.

Area	Facility Operational Status	*Feature Code*	Full Name
Height Above Surface Level	Highest Elevation	Hydrographic Depth	Length
Memorandum	Name Identifier	Navigation Landmark	*Physical Condition Of Facility*
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Structural Material Type	Unique Entity Identifier	Water Level Effect
Width			

StructuralPile (Point 00)   **Structural Pile**

Attribute Set

A long pile (for example: a heavy timber or section of steel, wood, or concrete) forced into the earth that may serve as a support (for example: for a pier) or as a free standing pole within a marine environment.

Area	Facility Operational Status	*Feature Code*	Full Name
Height Above Surface Level	Highest Elevation	Hydrographic Depth	Length
Memorandum	Name Identifier	Navigation Landmark	*Physical Condition Of Facility*
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Structural Material Type	Unique Entity Identifier	Water Level Effect
Width			

StructureCrv (FeatureGroup 00)   ***StructureCrv***

Attribute Set

A collection of features specifying information about buildings and their components, non-building structures and man-made barriers (for example: walls and fences). [DESCRIPTION] They are geographically widespread and may be located in rural, urban and/or industrial settings.

StructurePnt (FeatureGroup 00)   ***StructurePnt***

Attribute Set

A collection of features specifying information about buildings and their components, non-building structures and man-made barriers (for example: walls and fences). [DESCRIPTION] They are geographically widespread and may be located in rural, urban and/or industrial settings.

Feature

Definition

StructureSrf (FeatureGroup 00)

Attribute Set

StructureSrf

A collection of features specifying information about buildings and their components, non-building structures and man-made barriers (for example: walls and fences). [DESCRIPTION] They are geographically widespread and may be located in rural, urban and/or industrial settings.

SurfaceBunker (Area 00)

Attribute Set

Surface Bunker

A surface structure that may be covered and/or surrounded with earth and is resistant to ordnance. [Description] Used, for example, for storage and/or aircraft protection.

Address	Area	Controlling Authority	Facility Operational Status
Feature Code	Full Name	*Hazard Shelter Intended Use*	Height Above Surface Level
Highest Elevation	Length	Margin Number	Memorandum
Name Identifier	*Physical Condition Of Facility*	Product	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Unique Entity Identifier	Width		

SurfaceBunker (Point 00)

Attribute Set

Surface Bunker

A surface structure that may be covered and/or surrounded with earth and is resistant to ordnance. [Description] Used, for example, for storage and/or aircraft protection.

Address	Area	Controlling Authority	Facility Operational Status
Feature Code	Full Name	*Hazard Shelter Intended Use*	Height Above Surface Level
Highest Elevation	Length	Margin Number	Memorandum
Name Identifier	*Physical Condition Of Facility*	Product	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Unique Entity Identifier	Width		

Swamp (Area 00)

Attribute Set

Swamp

A seasonally flooded, poorly drained wetland with more woody plants than a marsh and better drainage than a bog.   [Description] It is covered with water all or most of the year, and accumulating dead vegetation does not rapidly decay. It can exist on flat-lying areas created by certain geomorphic environments. The vegetation mainly consists of hydrophytic trees and/or scrubs whose roots are adapted to wet conditions, with an open to very dense canopy closure. A subtype of the more generalized wetland.

Area	*Arsenic Concentration*	Average Water Depth	Bottom Material Type
Canopy Cover	*Chloride Concentration*	*Coliform Concentration*	*Cyanide Concentration*
Deepest Depth Below Surface	*Feature Code*	Foliage Type	Full Name
Height Above Surface Level	Hydrographic Depth	Hydrologic Persistence	Length
Magnesium Concentration	Memorandum	Name Identifier	*pH of Water*
Predominant Maximum Water Depth	Predominant Minimum Water Depth	Predominant Vegetation Height	Predominant Water Depth
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Stem Diameter	*Sulfate Concentration*	*Temperature*
Tide Influenced	*Total Dissolved Solids*	*Turbidity*	Undergrowth Density
Unique Entity Identifier	Vegetation Species	*Water Conductivity*	*Water Hardness*
Water Potability	Water Type	*Water Use*	Width

SweptArea (Area 00)

Attribute Set

Swept Area

A region that has been determined to be clear of navigational dangers to a specified depth.

Feature

Definition

Area	Bathymetric Measurement Quality Category	Bathymetric Measurement Technique	*Feature Code*
Full Name	Hydrographic Depth	Length	Memorandum
Name Identifier	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Sounding Datum	Sounding Datum Name	Sounding Velocity Correction Method
Specified Enumerant(s)	Unique Entity Identifier	Vessel Draft Correction	Width

SwimmingPool (Area 00)

Swimming Pool

Attribute Set   **A man-made pool used for swimming outdoors.**

Address	Area	*Arsenic Concentration*	Average Water Depth
Chloride Concentration	*Coliform Concentration*	Controlling Authority	*Cyanide Concentration*
Deepest Depth Below Surface	Facility Operational Status	*Feature Code*	Full Name
Hydrologic Persistence	Length	*Magnesium Concentration*	*Maximum Water Depth*
Memorandum	Name Identifier	Navigation Landmark	*pH of Water*
Physical Condition Of Facility	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	*Sulfate Concentration*	*Temperature*
Total Dissolved Solids	*Turbidity*	Unique Entity Identifier	Volume
Water Conductivity	*Water Hardness*	Water Type	*Water Use*
Width			

SwimmingPool (Point 00)

Swimming Pool

Attribute Set   **A man-made pool used for swimming outdoors.**

Address	Area	*Arsenic Concentration*	Average Water Depth
Chloride Concentration	*Coliform Concentration*	Controlling Authority	*Cyanide Concentration*
Deepest Depth Below Surface	Facility Operational Status	*Feature Code*	Full Name
Hydrologic Persistence	Length	*Magnesium Concentration*	*Maximum Water Depth*
Memorandum	Name Identifier	Navigation Landmark	*pH of Water*
Physical Condition Of Facility	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	*Sulfate Concentration*	*Temperature*
Total Dissolved Solids	*Turbidity*	Unique Entity Identifier	Volume
Water Conductivity	*Water Hardness*	Water Type	*Water Use*
Width			

TankFarm (Area 00)

Tank Farm

Attribute Set   **A tract of land occupied by large-capacity tanks in which petroleum, natural gas, or liquid petrochemicals are stored.   [Description] The tanks are usually round, constructed from metal plates, and separated from each other by berms intended to contain any leakage.**

Address	Area	Controlling Authority	Facility Operational Status
Feature Code	Feature Function	Full Name	Height Above Surface Level
Highest Elevation	Length	Located Underground	Memorandum
Name Identifier	Navigation Landmark	*Physical Condition Of Facility*	Product
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Unique Entity Identifier	Width	Wireless Telecommunication Type

TankFarm (Point 00)

Tank Farm

Attribute Set   **A tract of land occupied by large-capacity tanks in which petroleum, natural gas, or liquid petrochemicals are stored.   [Description] The tanks are usually round, constructed from metal plates, and separated from each other by berms intended to contain any leakage.**

Feature

Definition

Address	Area	Controlling Authority	Facility Operational Status
Feature Code	Feature Function	Full Name	Height Above Surface Level
Highest Elevation	Length	Located Underground	Memorandum
Name Identifier	Navigation Landmark	*Physical Condition Of Facility*	Product
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Unique Entity Identifier	Width	Wireless Telecommunication Type

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Taxiway (Area 00)

Taxiway

Attribute Set

A defined path at an aerodrome established for the taxiing of aircraft and intended to provide a ground movement link between one part of the aerodrome and another.

Aerodrome Movement Area Surface Category	Aerodrome Movement Area Surface Composition	Aerodrome Movement Area Surface Preparation Method	Aerodrome Pavement Functional Status
Aerodrome Surface Status	Area	Deck Level	Facility Operational Status
Feature Code	Full Name	Highest Elevation	Length
Memorandum	Name Identifier	*Physical Condition Of Facility*	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Taxiway Type	Unique Entity Identifier	Width	

Taxiway (Line 00)

Taxiway

Attribute Set

A defined path at an aerodrome established for the taxiing of aircraft and intended to provide a ground movement link between one part of the aerodrome and another.

Aerodrome Movement Area Surface Category	Aerodrome Movement Area Surface Composition	Aerodrome Movement Area Surface Preparation Method	Aerodrome Pavement Functional Status
Aerodrome Surface Status	Area	Deck Level	Facility Operational Status
Feature Code	Full Name	Highest Elevation	Length
Memorandum	Name Identifier	*Physical Condition Of Facility*	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Taxiway Type	Unique Entity Identifier	Width	

TDSGlobal (Feature 00)

GlobalLevel

Attribute Set

Global Level

TDSLocal (Feature 00)

LocalLevel

Attribute Set

Local Level

TDSRegional (Feature 00)

RegionalLevel

Attribute Set

Regional Level

TDSSpecialized (Feature 00)

SpecializedLevel

Attribute Set

Specialized Level

Feature   Definition

TestSite (Area 00)   **Test Site**

Attribute Set   **A site for the testing of technical products and equipment.**

Area	Facility Operational Status	*Feature Code*	Full Name
Length	Memorandum	Name Identifier	*Physical Condition Of Facility*
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Unique Entity Identifier	Width	

TetheredBalloon (Point 00)   **Tethered Balloon**

Attribute Set   **A balloon that is tethered to the ground at an anchoring device (for example: a ring and pad) or substantial structure (for example: a mooring tower). [Description] It is usually deployed for extended periods of time and may be used, for example, for weather sensing and/or observation of the surrounding terrain.**

Aeronautical Obstacle Light Present	Facility Operational Status	*Feature Code*	Full Name
Height Above Surface Level	Highest Elevation	Memorandum	Name Identifier
Navigation Landmark	*Physical Condition Of Facility*	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier
Vertical Obstruction Identifier			

Thicket (Area 00)   **Thicket**

Attribute Set   **A tract covered mainly by low-growing, uncultured, woody plants that are thickly tangled together. [Description] For example, covered by brushwood and/or stunted trees. The predominant height may be up to 6-8 metres.**

Area	*Feature Code*	Full Name	Height Above Surface Level
Length	Memorandum	Name Identifier	Predominant Vegetation Height
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Undergrowth Density	Unique Entity Identifier	Vegetation Characteristic
Vegetation Trafficability Impact	Width		

TidalStreamObserveStation (Point 00)   **Tidal Stream Observation Station**

Attribute Set   **The location at which a set of tidal stream observations was taken.**

Facility Operational Status	*Feature Code*	Full Name	Memorandum
Name Identifier	*Physical Condition Of Facility*	Reference Water Level	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Tidal Current Direction	Tidal Current Direction 1 Hour After	Tidal Current Direction 1 Hour Before	Tidal Current Direction 2 Hours After
Tidal Current Direction 2 Hours Before	Tidal Current Direction 3 Hours After	Tidal Current Direction 3 Hours Before	Tidal Current Direction 4 Hours After
Tidal Current Direction 4 Hours Before	Tidal Current Direction 5 Hours After	Tidal Current Direction 5 Hours Before	Tidal Current Direction 6 Hours After
Tidal Current Speed	Tidal Current Speed 1 Hour After	Tidal Current Speed 1 Hour Before	Tidal Current Speed 2 Hours After
Tidal Current Speed 2 Hours Before	Tidal Current Speed 3 Hours After	Tidal Current Speed 3 Hours Before	Tidal Current Speed 4 Hours After
Tidal Current Speed 4 Hours Before	Tidal Current Speed 5 Hours After	Tidal Current Speed 5 Hours Before	Tidal Current Speed 6 Hours After
Unique Entity Identifier			

TidalWater (Area 00)   **Tidal Water**

Attribute Set   **Any water the level of which changes periodically due to tidal action.**

Feature   Definition

Area | Arsenic Concentration | Average Water Depth | Bottom Material Type
Chloride Concentration | Coliform Concentration | Cyanide Concentration | Feature Code
Full Name | Geographic Name Type | Hydrographic Depth | Hydrologic Persistence
Length | Magnesium Concentration | Memorandum | Name Identifier
pH of Water | Predominant Maximum Water Depth | Predominant Minimum Water Depth | Resource Classification
Resource Content Originator | Resource Non-Intelligence Community Markings | Resource Owner-Producer | Specified Enumerant(s)
Sulfate Concentration | Temperature | Total Dissolved Solids | Turbidity
Unique Entity Identifier | Water Conductivity | Water Hardness | Water Type
Width

Tomb (Area 00)   Tomb

Attribute Set

A structure within which a corpse is entombed.   [Description] It is often a building-like structure that may be partly or wholly underground (except for its entrance), but may be a simple enclosure cut into solid rock (for example: into a cliff face or inside of a cave). It may contain a single corpse or a related group (for example: a family) may be entombed together.

Angle of Orientation | Area | Controlling Authority | Deepest Depth Below Surface
Facility Operational Status | Feature Code | Full Name | Height Above Surface Level
Height of Object | Highest Elevation | Horizontal Accuracy Category | Least Depth Below Surface
Length | Memorandum | Name Identifier | Navigation Landmark
Physical Condition Of Facility | Religious Designation | Resource Classification | Resource Content Originator
Resource Non-Intelligence Community Markings | Resource Owner-Producer | Specified Enumerant(s) | Structure Shape
Tomb Type | Unique Entity Identifier | Width

Tomb (Point 00)   Tomb

Attribute Set

A structure within which a corpse is entombed.   [Description] It is often a building-like structure that may be partly or wholly underground (except for its entrance), but may be a simple enclosure cut into solid rock (for example: into a cliff face or inside of a cave). It may contain a single corpse or a related group (for example: a family) may be entombed together.

Angle of Orientation | Area | Controlling Authority | Deepest Depth Below Surface
Facility Operational Status | Feature Code | Full Name | Height Above Surface Level
Height of Object | Highest Elevation | Horizontal Accuracy Category | Least Depth Below Surface
Length | Memorandum | Name Identifier | Navigation Landmark
Physical Condition Of Facility | Religious Designation | Resource Classification | Resource Content Originator
Resource Non-Intelligence Community Markings | Resource Owner-Producer | Specified Enumerant(s) | Structure Shape
Tomb Type | Unique Entity Identifier | Width

Tower (Area 00)   Tower

Attribute Set

A relatively tall, narrow structure that may either stand alone or may form part of another structure. [Description] Usually of a square, circular, or rectangular cross-section.

Aeronautical Obstacle Light Present | Area | Cable Type | Controlling Authority
Facility Operational Status | Feature Code | Full Name | Guyed
Height Above Surface Level | Height of Object | Highest Elevation | Length
Memorandum | Name Identifier | Navigation Landmark | Physical Condition Of Facility
Pylon Configuration | Pylon Material | Resource Classification | Resource Content Originator
Resource Non-Intelligence Community Markings | Resource Owner-Producer | Roof Shape | Specified Enumerant(s)
Supported | Tower Shape | Tower Type | Unique Entity Identifier
Vertical Obstruction Identifier | Width | Wireless Telecommunication Type

Feature

Definition

Tower (Point 00)

Tower

Attribute Set

A relatively tall, narrow structure that may either stand alone or may form part of another structure.   [Description] Usually of a square, circular, or rectangular cross-section.

Aeronautical Obstacle Light Present	Area	Cable Type	Controlling Authority
Facility Operational Status	*Feature Code*	Full Name	Guyed
Height Above Surface Level	Height of Object	Highest Elevation	Length
Memorandum	Name Identifier	Navigation Landmark	*Physical Condition Of Facility*
Pylon Configuration	Pylon Material	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Roof Shape	Specified Enumerant(s)
Supported	Tower Shape	Tower Type	Unique Entity Identifier
Vertical Obstruction Identifier	Width	Wireless Telecommunication Type	

TrafficLight (Point 00)

Traffic Light

Attribute Set

A set of automatic lights (usually red, amber, and green) for controlling road traffic, especially at a road intersection.   [Description] Usually attached to tall poles or suspended from overhead cables.

Facility Operational Status	*Feature Code*	Full Name	Height Above Surface Level
Highest Elevation	Length	Memorandum	Name Identifier
Physical Condition Of Facility	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier	

TrafficSeparationScheme (Area 00)

Traffic Separation Scheme

Attribute Set

A maritime routeing measure that separates opposing streams of traffic by appropriate means.   [Description] For example, traffic lanes and traffic circles. Often referred to by its acronym, TSS.

Controlling Authority	Direction of Flow	*Feature Code*	Full Name
IMO Adopted	Length	Maritime Navigation Marked	Maritime Traffic Separation Scheme Component
Memorandum	Name Identifier	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	TSS-associated Aids to Navigation
Unique Entity Identifier	Width		

TrafficSeparationScheme (Line 00)

Traffic Separation Scheme

Attribute Set

A maritime routeing measure that separates opposing streams of traffic by appropriate means.   [Description] For example, traffic lanes and traffic circles. Often referred to by its acronym, TSS.

Controlling Authority	Direction of Flow	*Feature Code*	Full Name
IMO Adopted	Length	Maritime Navigation Marked	Maritime Traffic Separation Scheme Component
Memorandum	Name Identifier	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	TSS-associated Aids to Navigation
Unique Entity Identifier	Width		

TrafficSeparationScheme (Point 00)

Traffic Separation Scheme

Attribute Set

A maritime routeing measure that separates opposing streams of traffic by appropriate means.   [Description] For example, traffic lanes and traffic circles. Often referred to by its acronym, TSS.

Controlling Authority	Direction of Flow	*Feature Code*	Full Name
IMO Adopted	Length	Maritime Navigation Marked	Maritime Traffic Separation Scheme Component
Memorandum	Name Identifier	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	TSS-associated Aids to Navigation
Unique Entity Identifier	Width		

Feature

Definition

Trail (Line 00)

Trail

Attribute Set

A path worn by the passage of people or animals.

Area	Contained within Tunnel	Controlling Authority	Deck Level
Facility Operational Status	*Feature Code*	Full Name	Length
Memorandum	Name Identifier	Navigation Landmark	*Physical Condition Of Facility*
Relative Level	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Road Weather Restriction	Specified Enumerate(s)	Supported by Bridge Span
Through Route	Unique Entity Identifier	Vertical Relative Location	Width

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TrainingSite (Area 00)

Training Site

Attribute Set

A site reserved for training.

Address	Area	Controlling Authority	Facility Operational Status
Feature Code	Feature Function	Full Name	Height Above Surface Level
Highest Elevation	Length	Memorandum	Name Identifier
Navigation Landmark	*Physical Condition Of Facility*	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerate(s)	Unique Entity Identifier
Width	Wireless Telecommunication Type		

TrainingSite (Point 00)

Training Site

Attribute Set

A site reserved for training.

Address	Area	Controlling Authority	Facility Operational Status
Feature Code	Feature Function	Full Name	Height Above Surface Level
Highest Elevation	Length	Memorandum	Name Identifier
Navigation Landmark	*Physical Condition Of Facility*	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerate(s)	Unique Entity Identifier
Width	Wireless Telecommunication Type		

TransportationBlock (Area 00)

Transportation Block

Attribute Set

A substantial semi-permanent assemblage of material, usually in the form of concrete blocks and/or cylinders, positioned alongside or above a land transportation route, ready to be activated as a potential barrier.   [Description] For example, a rolling block is positioned alongside the route and a drop gate is positioned above the route.

Area	Facility Operational Status	*Feature Code*	Length
Memorandum	*Physical Condition Of Facility*	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	Transportation Block Type
Transportation System Type	Unique Entity Identifier	Width	

TransportationBlock (Point 00)

Transportation Block

Attribute Set

A substantial semi-permanent assemblage of material, usually in the form of concrete blocks and/or cylinders, positioned alongside or above a land transportation route, ready to be activated as a potential barrier.   [Description] For example, a rolling block is positioned alongside the route and a drop gate is positioned above the route.

Area	Facility Operational Status	*Feature Code*	Length
Memorandum	*Physical Condition Of Facility*	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	Transportation Block Type
Transportation System Type	Unique Entity Identifier	Width	

Feature

Definition

TransportationGroundCrv (FeatureGroup 00)

TransportationGroundCrv

Attribute Set

A collection of features specifying information about the principal means of ground movement of people and/or goods from one location to another. [DESCRIPTION] For example: roads, railroads, bridges and associated features.

TransportationGroundPnt (FeatureGroup 00)

TransportationGroundPnt

Attribute Set

A collection of features specifying information about the principal means of ground movement of people and/or goods from one location to another. [DESCRIPTION] For example: roads, railroads, bridges and associated features.

TransportationGroundSrf (FeatureGroup 00)

TransportationGroundSrf

Attribute Set

A collection of features specifying information about the principal means of ground movement of people and/or goods from one location to another. [DESCRIPTION] For example: roads, railroads, bridges and associated features.

TransportationStation (Area 00)

Transportation Station

Attribute Set

A station that serves as a stopping place along a transportation route.   [Description] For example, used for the transfer of passengers and/or freight.

Address	Area	*Attached Building*	Facility Operational Status
Feature Code	Feature Function	Full Name	*Hazard Shelter Intended Use*
Height Above Surface Level	Highest Elevation	Length	Located Underground
Memorandum	*Multi-unit Building*	Name Identifier	Navigation Landmark
Physical Condition Of Facility	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Roof Shape	Specified Enumerant(s)	Supported
Transportation System Type	Unique Entity Identifier	Width	

TransportationStation (Point 00)

Transportation Station

Attribute Set

A station that serves as a stopping place along a transportation route.   [Description] For example, used for the transfer of passengers and/or freight.

Address	Area	*Attached Building*	Facility Operational Status
Feature Code	Feature Function	Full Name	*Hazard Shelter Intended Use*
Height Above Surface Level	Highest Elevation	Length	Located Underground
Memorandum	*Multi-unit Building*	Name Identifier	Navigation Landmark
Physical Condition Of Facility	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Roof Shape	Specified Enumerant(s)	Supported
Transportation System Type	Unique Entity Identifier	Width	

TransportationWaterCrv (FeatureGroup 00)

TransportationWaterCrv

Attribute Set

A collection of features specifying information about transportation routes by boat, barge or ship taking place on inland waters. [DESCRIPTION] Inland water transportation routes may be natural waterways (for example: rivers and lakes) or artificial (for example: canals). Some natural waterways require modifications to make them navigable. Locks and boat lifts are used for raising and lowering ve

Feature

Definition

TransportationWaterPnt (FeatureGroup 00)

TransportationWaterPnt

Attribute Set

A collection of features specifying information about transportation routes by boat, barge or ship taking place on inland waters. [DESCRIPTION] Inland water transportation routes may be natural waterways (for example: rivers and lakes) or artificial (for example: canals). Some natural waterways require modifications to make them navigable. Locks and boat lifts are used for raising and lowering ve

TransportationWaterSrf (FeatureGroup 00)

TransportationWaterSrf

Attribute Set

A collection of features specifying information about transportation routes by boat, barge or ship taking place on inland waters. [DESCRIPTION] Inland water transportation routes may be natural waterways (for example: rivers and lakes) or artificial (for example: canals). Some natural waterways require modifications to make them navigable. Locks and boat lifts are used for raising and lowering ve

TransRouteCharacterChange (Line 00)

Transportation Route Characteristic Change

Attribute Set

A section of a transportation route where its size (for example: narrowing or expansion in width) and/or operating speed is significantly different than in the adjacent sections of the route.   [Description] For example, an increase or decrease in the number of lanes in a road. Constrictions along or beside a transportation route may impede the flow of vehicles or people thus resulting in 'choke points'.

Bypass Condition	*Feature Code*	Horizontal Clearance	Length
Memorandum	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Route Minimum Travelled Way Width	Route Minimum Travelled Way Width	Route Width Constriction Type
Route Width Expansion Type	Safe Horizontal Clearance	Specified Enumerant(s)	Traffic Restriction Type
Transportation System Type	Unique Entity Identifier		

TransRouteCharacterChange (Point 00)

Transportation Route Characteristic Change

Attribute Set

A section of a transportation route where its size (for example: narrowing or expansion in width) and/or operating speed is significantly different than in the adjacent sections of the route.   [Description] For example, an increase or decrease in the number of lanes in a road. Constrictions along or beside a transportation route may impede the flow of vehicles or people thus resulting in 'choke points'.

Bypass Condition	*Feature Code*	Horizontal Clearance	Length
Memorandum	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Route Minimum Travelled Way Width	Route Minimum Travelled Way Width	Route Width Constriction Type
Route Width Expansion Type	Safe Horizontal Clearance	Specified Enumerant(s)	Traffic Restriction Type
Transportation System Type	Unique Entity Identifier		

TransRouteProtectStruct (Area 00)

Transportation Route Protection Structure

Attribute Set

A structure built over and/or along a transportation route designed to prevent damage to, or blockage of, the route from rock slides, snow slides and/or weather phenomena.   [Description] For example, a snow shed, a rock shed or a gallery. These structures are usually located in rugged mountainous regions.

Angle of Orientation	Area	Facility Operational Status	*Feature Code*
Height Above Surface Level	Highest Elevation	Horizontal Clearance	Length
Memorandum	Navigation Landmark	Overhead Clearance	*Physical Condition Of Facility*
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Transportation Route Protection Structure Type	Transportation System Type	Unique Entity Identifier
Width			

Feature

Definition

TransRouteProtectStruct (Line 00)

Transportation Route Protection Structure

Attribute Set

A structure built over and/or along a transportation route designed to prevent damage to, or blockage of, the route from rock slides, snow slides and/or weather phenomena.   [Description] For example, a snow shed, a rock shed or a gallery. These structures are usually located in rugged mountainous regions.

Angle of Orientation	Area	Facility Operational Status	*Feature Code*
Height Above Surface Level	Highest Elevation	Horizontal Clearance	Length
Memorandum	Navigation Landmark	Overhead Clearance	*Physical Condition Of Facility*
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Transportation Route Protection Structure Type	Transportation System Type	Unique Entity Identifier
Width			

TransRouteProtectStruct (Point 00)

Transportation Route Protection Structure

Attribute Set

A structure built over and/or along a transportation route designed to prevent damage to, or blockage of, the route from rock slides, snow slides and/or weather phenomena.   [Description] For example, a snow shed, a rock shed or a gallery. These structures are usually located in rugged mountainous regions.

Angle of Orientation	Area	Facility Operational Status	*Feature Code*
Height Above Surface Level	Highest Elevation	Horizontal Clearance	Length
Memorandum	Navigation Landmark	Overhead Clearance	*Physical Condition Of Facility*
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Transportation Route Protection Structure Type	Transportation System Type	Unique Entity Identifier
Width			

Tree (Point 00)

Tree

Attribute Set

An individual woody perennial plant, typically having a single stem or trunk growing to a considerable height and bearing lateral branches at some distance from the ground.   [Description] May be distinguished by its relative isolation from other features, thus serving as a landmark.

Feature Code	Foliage Type	Full Name	Height Above Surface Level
Highest Elevation	Isolated	Memorandum	Name Identifier
Navigation Landmark	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	Stem Diameter	Unique Entity Identifier
Vegetation Species	Vegetation Trafficability Impact		

Tundra (Area 00)

Tundra

Attribute Set

A vast, nearly level, treeless arctic region usually with a marshy surface and underlying permafrost.

Area	*Feature Code*	Full Name	Length
Memorandum	Name Identifier	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier
Vegetation Trafficability Impact	Width		

Tunnel (Area 00)

Tunnel

Attribute Set

An underground passage that is open at both ends and usually contains a land transportation route (for example: a road and/or a railway).   [Description] Commonly used to pass through a hill or mountain, or under a river or road. May also provide underground passage in a mine.

Feature
Definition

Angle of Orientation	Area	Bypass Condition	Deck Count
Deepest Depth Below Surface	Facility Operational Status	*Feature Code*	Full Name
Hazard Shelter Intended Use	Height Above Surface Level	Horizontal Accuracy Category	Horizontal Clearance
Hydrographic Depth	*Least Depth Below Surface*	Length	Memorandum
Name Identifier	Overhead Clearance	Pedestrian Traversable	*Physical Condition Of Facility*
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Route Minimum Travelled Way Width	Route Total Usable Width	Specified Enumerant(s)	Transportation System Type
Unique Entity Identifier	Width		

Tunnel (Line 00)
Tunnel

Attribute Set

An underground passage that is open at both ends and usually contains a land transportation route (for example: a road and/or a railway).
[Description] Commonly used to pass through a hill or mountain, or under a river or road. May also provide underground passage in a mine.

Angle of Orientation	Area	Bypass Condition	Deck Count
Deepest Depth Below Surface	Facility Operational Status	*Feature Code*	Full Name
Hazard Shelter Intended Use	Height Above Surface Level	Horizontal Accuracy Category	Horizontal Clearance
Hydrographic Depth	*Least Depth Below Surface*	Length	Memorandum
Name Identifier	Overhead Clearance	Pedestrian Traversable	*Physical Condition Of Facility*
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Route Minimum Travelled Way Width	Route Total Usable Width	Specified Enumerant(s)	Transportation System Type
Unique Entity Identifier	Width		

TunnelMouth (Point 00)
Tunnel Mouth

Attribute Set

The opening of a tunnel into a larger space (for example: onto the terrain surface).   [Description] A tunnel is usually open to the terrain surface at both ends, but may sometimes lead to an enclosed space, for example: leading to an underground bunker, into an underground mine (termed an 'adit') or into an underground railway station.

Angle of Orientation	Facility Operational Status	*Feature Code*	Full Name
Highest Elevation	Horizontal Accuracy Category	Horizontal Clearance	Length
Memorandum	Name Identifier	Overhead Clearance	Pedestrian Traversable
Physical Condition Of Facility	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	Transportation System Type	Unique Entity Identifier

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UndergroundBunker (Area 00)
Underground Bunker

Attribute Set

A reinforced underground shelter.   [Description] May be located within a mountain or buried below the terrain. Often used as an underground facility for military command, control, and/or troop billeting.

Area	Controlling Authority	*Deepest Depth Below Surface*	Facility Operational Status
Feature Code	Full Name	*Hazard Shelter Intended Use*	*Least Depth Below Surface*
Length	Memorandum	Military Service Branch	Name Identifier
Permanent	*Physical Condition Of Facility*	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	Structural Material Type
Unique Entity Identifier	Width		

UndergroundBunker (Point 00)
Underground Bunker

Attribute Set

A reinforced underground shelter.   [Description] May be located within a mountain or buried below the terrain. Often used as an underground facility for military command, control, and/or troop billeting.

Feature

Area	Controlling Authority	*Deepest Depth Below Surface*	Facility Operational Status
Feature Code	Full Name	*Hazard Shelter Intended Use*	*Least Depth Below Surface*
Length	Memorandum	Military Service Branch	Name Identifier
Permanent	*Physical Condition Of Facility*	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	Structural Material Type
Unique Entity Identifier	Width		

Definition

UndergroundDwelling (Point 00)

Underground Dwelling

Attribute Set

Underground living quarters.

Address	Area	*Deepest Depth Below Surface*	Facility Operational Status
Feature Code	Full Name	*Hazard Shelter Intended Use*	*Least Depth Below Surface*
Length	Memorandum	Name Identifier	Navigation Landmark
Physical Condition Of Facility	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier	Width

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UtilityCover (Point 00)

Utility Cover

Attribute Set

A removable cover or plate which provides access to underground utility tunnels, distribution lines, or drainage systems.   [Description] For example, a manhole cover.

Accessible Utility Type	Area	Facility Operational Status	*Feature Code*
Full Name	Horizontal Accuracy Category	Length	Memorandum
Name Identifier	*Physical Condition Of Facility*	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	Structural Material Type
Unique Entity Identifier	Width		

UtilityInfrastructureCrv (FeatureGroup 00)

UtilityInfrastructureCrv

Attribute Set

A collection of features specifying information about buildings, non-building structures and equipment that form a set of interconnected elements supporting a utility network. [DESCRIPTION] Features include but are not limited to pumping stations, waterworks, utility covers, storm drains, man-made underground water courses and pipelines.

UtilityInfrastructurePnt (FeatureGroup 00)

UtilityInfrastructurePnt

Attribute Set

A collection of features specifying information about buildings, non-building structures and equipment that form a set of interconnected elements supporting a utility network. [DESCRIPTION] Features include but are not limited to pumping stations, waterworks, utility covers, storm drains, man-made underground water courses and pipelines.

UtilityInfrastructureSrf (FeatureGroup 00)

UtilityInfrastructureSrf

Attribute Set

A collection of features specifying information about buildings, non-building structures and equipment that form a set of interconnected elements supporting a utility network. [DESCRIPTION] Features include but are not limited to pumping stations, waterworks, utility covers, storm drains, man-made underground water courses and pipelines.

VanishingPoint (Point 00)

Vanishing Point

Attribute Set

The location at which a watercourse disappears into the terrain.

Feature

Definition

Arsenic Concentration	Average Water Depth	*Chloride Concentration*	*Coliform Concentration*
Cyanide Concentration	Direction of Flow	*Feature Code*	Full Name
Geographic Name Type	Length	*Magnesium Concentration*	Memorandum
Name Identifier	*pH of Water*	Predominant Average Water Velocity	Predominant Maximum Water Depth
Predominant Maximum Water Velocity	Predominant Water Depth	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	*Sulfate Concentration*
Temperature	*Total Dissolved Solids*	*Turbidity*	Unique Entity Identifier
Water Conductivity	*Water Hardness*	Water Potability	Water Type
Watercourse Sink Type	Width		

VegetationCrv (FeatureGroup 00)

VegetationCrv

Attribute Set

A collection of features specifying information about the plant life in an area, or the lack thereof.

VegetationPnt (FeatureGroup 00)

VegetationPnt

Attribute Set

A collection of features specifying information about the plant life in an area, or the lack thereof.

VegetationSrf (FeatureGroup 00)

VegetationSrf

Attribute Set

A collection of features specifying information about the plant life in an area, or the lack thereof.

VehicleBarrier (Line 00)

Vehicle Barrier

Attribute Set

A obstruction placed across a transportation route (for example: a road, a railway, a tunnel, or a bridge) to prevent the passage of vehicles.

Area	Facility Operational Status	*Feature Code*	Full Name
Height Above Surface Level	Highest Elevation	Length	Memorandum
Name Identifier	*Physical Condition Of Facility*	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	Structural Material Type
Transportation System Type	Unique Entity Identifier	Width	

VehicleBarrier (Point 00)

Vehicle Barrier

Attribute Set

A obstruction placed across a transportation route (for example: a road, a railway, a tunnel, or a bridge) to prevent the passage of vehicles.

Area	Facility Operational Status	*Feature Code*	Full Name
Height Above Surface Level	Highest Elevation	Length	Memorandum
Name Identifier	*Physical Condition Of Facility*	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	Structural Material Type
Transportation System Type	Unique Entity Identifier	Width	

VehicleLot (Area 00)

Vehicle Lot

Attribute Set

A tract used for storing and/or parking vehicles (for example: recreational vehicles) and/or vessels.

Address	Area	Controlling Authority	Facility Operational Status
Feature Code	Full Name	Length	Memorandum
Name Identifier	Navigation Landmark	*Physical Condition Of Facility*	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Route Surface Composition
Specified Enumerant(s)	Unique Entity Identifier	Vehicle Type	Width

Feature

Definition

VesselLift (Area 00)

Attribute Set

Vessel Lift

A mechanical device for lifting vessels from the water.   [Description] The device may be, for example, a stationary crane or a wheeled vehicle. After removal from the water the vessel may be maintained (for example: cleaning the hull of encrustations) or stored (for example: moved to a building, shed, or lot for winter storage).

Area	Facility Operational Status	*Feature Code*	Full Name
Height Above Surface Level	Highest Elevation	Length	Lifting Capacity
Memorandum	Name Identifier	Navigation Landmark	*Physical Condition Of Facility*
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Unique Entity Identifier	Width	

Vineyard (Area 00)

Attribute Set

Vineyard

A tract covered by the systematic planting of grape vines.

Area	Crop Species	Farming Pattern	*Feature Code*
Full Name	Height Above Surface Level	Highest Elevation	Irrigation Method
Length	Memorandum	Name Identifier	Navigation Landmark
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Unique Entity Identifier	Vegetation Trafficability Impact	Width

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Vineyard (Point 00)

Attribute Set

Vineyard

A tract covered by the systematic planting of grape vines.

Area	Crop Species	Farming Pattern	*Feature Code*
Full Name	Height Above Surface Level	Highest Elevation	Irrigation Method
Length	Memorandum	Name Identifier	Navigation Landmark
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Unique Entity Identifier	Vegetation Trafficability Impact	Width

---

VoidCollectionArea (Area 00)

Attribute Set

Void Collection Area

A data collection region lacking suitable source coverage and/or where data is not required.

Area	*Feature Code*	Length	Memorandum
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Unique Entity Identifier	Void Collection Reason	Void Collection Type
Width			

VolcanicDyke (Line 00)

Attribute Set

Volcanic Dyke

A sheet of rock filling a fissure that sometimes shows as a terrain ridge.   [Description] Especially a mass of igneous rock that has intruded upwards through strata.

Area	*Feature Code*	Full Name	Height Above Surface Level
Highest Elevation	Length	Memorandum	Name Identifier
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Surface Slope	Unique Entity Identifier	Width

---

Volcano (Area 00)

Attribute Set

Volcano

A hill or mountain situated over an opening or openings in the Earth's crust through which lava, cinders, steam, and/or gases, are or have been expelled.

Feature

Definition

Area	*Feature Code*	Full Name	Height Above Surface Level
Highest Elevation	Length	Memorandum	Name Identifier
Navigation Landmark	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier	Volcanic Activity
Volcano Shape	Width		

Volcano (Point 00)

Volcano

Attribute Set

A hill or mountain situated over an opening or openings in the Earth's crust through which lava, cinders, steam, and/or gases, are or have been expelled.

Area	*Feature Code*	Full Name	Height Above Surface Level
Highest Elevation	Length	Memorandum	Name Identifier
Navigation Landmark	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier	Volcanic Activity
Volcano Shape	Width		

Wall (Line 00)

Wall

Attribute Set

A solid man-made barrier of generally heavy material used as an enclosure, boundary, or for protection.

Barrier Top Type	Facility Operational Status	*Feature Code*	Full Name
Height Above Surface Level	Highest Elevation	Length	Memorandum
Name Identifier	Navigation Landmark	*Physical Condition Of Facility*	Predominant Feature Height
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Structural Material Type	Thickness	Unique Entity Identifier
Wall Type			

WasteHeap (Area 00)

Waste Heap

Attribute Set

An area where heaped material (for example: waste or spoil) is deposited. [Description] This is typically human trash piles and may be found anywhere, it is not a transfer station or established site, nor is it always associated with a facility.

Feature Code	Memorandum	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier

---

WasteHeap (Point 00)

Waste Heap

Attribute Set

An area where heaped material (for example: waste or spoil) is deposited. [Description] This is typically human trash piles and may be found anywhere, it is not a transfer station or established site, nor is it always associated with a facility.

Feature Code	Memorandum	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier

---

WaterAerodrome (Area 00)

Water Aerodrome

Attribute Set

An aerodrome intended to be used either wholly or in part for the arrival, departure and surface movement of aircraft on water.

Aerodrome Elevation	Aerodrome Official Name	Airfield Symbol Type	Area
Controlling Authority	Facility Operational Status	*Feature Code*	Full Name
Highest Elevation	ICAO Location Indicator	Installation Operator	*Largest Aircraft*
Length	Magnetic Variation	Magnetic Variation Date	Memorandum
Name Identifier	*Physical Condition Of Facility*	Port of Entry	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Unique Entity Identifier	Width		

Feature

Definition

WaterAerodrome (Point 00)

Attribute Set

Water Aerodrome

An aerodrome intended to be used either wholly or in part for the arrival, departure and surface movement of aircraft on water.

Aerodrome Elevation	Aerodrome Official Name	Airfield Symbol Type	Area
Controlling Authority	Facility Operational Status	*Feature Code*	Full Name
Highest Elevation	ICAO Location Indicator	Installation Operator	*Largest Aircraft*
Length	Magnetic Variation	Magnetic Variation Date	Memorandum
Name Identifier	*Physical Condition Of Facility*	Port of Entry	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Unique Entity Identifier	Width		

WaterbodyDivider (Area 00)

Attribute Set

Waterbody Divider

An artificial structure subdividing a waterbody.   [Description] May consist of an artificial earthen embankment subdividing a pond or rice paddy, or an artificial partition (constructed, for example, from concrete or steel) subdividing a fish hatchery tank or water treatment plant aeration tank.

Area	*Feature Code*	Full Name	Length
Memorandum	Name Identifier	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier
Width			

Waterfall (Line 00)

Attribute Set

Waterfall

A vertically descending part of a watercourse where it falls from a height (for example: over a rock or a precipice).   [Description] In place names, commonly shortened to 'fall' or 'falls', for example, 'Niagara Falls'.

Area	*Feature Code*	Full Name	Height Above Surface Level
Highest Elevation	Length	Memorandum	Name Identifier
Navigation Landmark	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier	Width

---

Waterfall (Point 00)

Attribute Set

Waterfall

A vertically descending part of a watercourse where it falls from a height (for example: over a rock or a precipice).   [Description] In place names, commonly shortened to 'fall' or 'falls', for example, 'Niagara Falls'.

Area	*Feature Code*	Full Name	Height Above Surface Level
Highest Elevation	Length	Memorandum	Name Identifier
Navigation Landmark	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	Unique Entity Identifier	Width

---

WaterIntakeTower (Area 00)

Attribute Set

Water Intake Tower

A tower-like structure associated with a dam or water source and used for the intake of water.

Aeronautical Obstacle Light Present	Area	*Arsenic Concentration*	*Chloride Concentration*
Coliform Concentration	*Cyanide Concentration*	Facility Operational Status	*Feature Code*
Full Name	Height Above Surface Level	Highest Elevation	Hydrologic Persistence
Length	*Magnesium Concentration*	Memorandum	Name Identifier
Navigation Landmark	*pH of Water*	*Physical Condition Of Facility*	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Sulfate Concentration	*Temperature*	*Total Dissolved Solids*	*Turbidity*
Unique Entity Identifier	Vertical Construction Material	Vertical Obstruction Identifier	*Water Conductivity*
Water Hardness	Water Potability	Water Type	Width

Feature

Definition

WaterIntakeTower (Point 00)

Attribute Set

Water Intake Tower

A tower-like structure associated with a dam or water source and used for the intake of water.

Aeronautical Obstacle Light Present	Area	*Arsenic Concentration*	*Chloride Concentration*
Coliform Concentration	*Cyanide Concentration*	Facility Operational Status	*Feature Code*
Full Name	Height Above Surface Level	Highest Elevation	Hydrologic Persistence
Length	*Magnesium Concentration*	Memorandum	Name Identifier
Navigation Landmark	*pH of Water*	*Physical Condition Of Facility*	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Sulfate Concentration	*Temperature*	*Total Dissolved Solids*	*Turbidity*
Unique Entity Identifier	Vertical Construction Material	Vertical Obstruction Identifier	*Water Conductivity*
Water Hardness	Water Potability	Water Type	Width

WaterMill (Area 00)

Attribute Set

Water Mill

A structure that uses a water wheel or turbine to drive a mechanical process (for example: grinding grain into flour, cutting timber into lumber, or stripping bark from trees for use in tanning).   [Description] A watermill that only generates electricity is more usually termed a 'hydroelectric plant'.

Address	Aeronautical Obstacle Light Present	Angle of Orientation	Area
Controlling Authority	Facility Operational Status	*Feature Code*	Feature Function
Floor Count	Full Name	Height Above Surface Level	Highest Elevation
Horizontal Accuracy Category	Length	Memorandum	Name Identifier
Navigation Landmark	*Physical Condition Of Facility*	Product	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Unique Entity Identifier	Vertical Obstruction Identifier	Width	

WaterMill (Point 00)

Attribute Set

Water Mill

A structure that uses a water wheel or turbine to drive a mechanical process (for example: grinding grain into flour, cutting timber into lumber, or stripping bark from trees for use in tanning).   [Description] A watermill that only generates electricity is more usually termed a 'hydroelectric plant'.

Address	Aeronautical Obstacle Light Present	Angle of Orientation	Area
Controlling Authority	Facility Operational Status	*Feature Code*	Feature Function
Floor Count	Full Name	Height Above Surface Level	Highest Elevation
Horizontal Accuracy Category	Length	Memorandum	Name Identifier
Navigation Landmark	*Physical Condition Of Facility*	Product	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Unique Entity Identifier	Vertical Obstruction Identifier	Width	

WaterMovementDataLocation (Point 00)

Attribute Set

Water Movement Data Location

A location at which currents, tides, and/or other types of water movement are specified.

Feature

Definition

Bathymetric Measurement Quality Category	Bathymetric Measurement Technique	Current Rate (Speed)	Current Rate Maximum
Current Rate Minimum	Current Type Category	*Deepest Depth Below Surface*	Direction of Flow
Feature Code	Full Name	Hydrographic Depth	Memorandum
Name Identifier	Periodic Marine Current Month Interval	Reference Water Level	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Sounding Datum
Sounding Datum Name	Sounding Velocity Correction Method	Specified Enumerant(s)	Tidal Current Direction
Tidal Current Direction 1 Hour After	Tidal Current Direction 1 Hour Before	Tidal Current Direction 2 Hours After	Tidal Current Direction 2 Hours Before
Tidal Current Direction 3 Hours After	Tidal Current Direction 3 Hours Before	Tidal Current Direction 4 Hours After	Tidal Current Direction 4 Hours Before
Tidal Current Direction 5 Hours After	Tidal Current Direction 5 Hours Before	Tidal Current Direction 6 Hours After	Tidal Current Speed
Tidal Current Speed 1 Hour After	Tidal Current Speed 1 Hour Before	Tidal Current Speed 2 Hours After	Tidal Current Speed 2 Hours Before
Tidal Current Speed 3 Hours After	Tidal Current Speed 3 Hours Before	Tidal Current Speed 4 Hours After	Tidal Current Speed 4 Hours Before
Tidal Current Speed 5 Hours After	Tidal Current Speed 5 Hours Before	Tidal Current Speed 6 Hours After	Unique Entity Identifier
Vessel Draft Correction			

WaterRace (Line 00)

Water Race

Attribute Set

An artificial channel for a current of water, especially one built to provide water for industrial or agricultural purposes or for transporting water-borne materials.   [Description] For example, a sluice, a flume, or a tailrace.

Area	*Arsenic Concentration*	*Chloride Concentration*	*Coliform Concentration*
Cyanide Concentration	Facility Operational Status	*Feature Code*	Height Above Surface Level
Hydrologic Persistence	Length	Located Underground	*Magnesium Concentration*
Memorandum	Navigation Landmark	*pH of Water*	*Physical Condition Of Facility*
Relative Level	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	*Sulfate Concentration*	Supported
Temperature	*Total Dissolved Solids*	*Turbidity*	Unique Entity Identifier
Vertical Relative Location	*Water Conductivity*	*Water Hardness*	Water Potability
Water Race Type	Water Type	*Water Use*	Width

WaterTower (Area 00)

Water Tower

Attribute Set

A tower supporting an elevated storage tank of water.

Aeronautical Obstacle Light Present	Area	*Arsenic Concentration*	*Chloride Concentration*
Coliform Concentration	Controlling Authority	*Cyanide Concentration*	Facility Operational Status
Feature Code	Full Name	Geographic Name Type	Height Above Surface Level
Highest Elevation	Hydrologic Persistence	Length	*Magnesium Concentration*
Margin Number	Memorandum	Name Identifier	Navigation Landmark
pH of Water	*Physical Condition Of Facility*	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	Structure Shape
Sulfate Concentration	Supported	*Temperature*	*Total Dissolved Solids*
Turbidity	Unique Entity Identifier	Vertical Obstruction Identifier	Volume
Water Conductivity	*Water Hardness*	Water Potability	Water Type
Water Use	Width		

WaterTower (Point 00)

Water Tower

Attribute Set

A tower supporting an elevated storage tank of water.

Feature   Definition

Aeronautical Obstacle Light Present	Area	*Arsenic Concentration*	*Chloride Concentration*
Coliform Concentration	Controlling Authority	*Cyanide Concentration*	Facility Operational Status
Feature Code	Full Name	Geographic Name Type	Height Above Surface Level
Highest Elevation	Hydrologic Persistence	Length	*Magnesium Concentration*
Margin Number	Memorandum	Name Identifier	Navigation Landmark
pH of Water	*Physical Condition Of Facility*	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	Structure Shape
Sulfate Concentration	Supported	*Temperature*	*Total Dissolved Solids*
Turbidity	Unique Entity Identifier	Vertical Obstruction Identifier	Volume
Water Conductivity	*Water Hardness*	Water Potability	Water Type
Water Use	Width		

WaterTreatmentBed (Area 00)   Water Treatment Bed

Attribute Set   **A tract for the treatment of water that consists of a bed of material where water is aerated or filtered.**

Area	*Arsenic Concentration*	Average Water Depth	*Chloride Concentration*
Coliform Concentration	*Cyanide Concentration*	*Deepest Depth Below Surface*	Facility Operational Status
Feature Code	Full Name	Length	*Magnesium Concentration*
Memorandum	Name Identifier	Navigation Landmark	*pH of Water*
Physical Condition Of Facility	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	*Sulfate Concentration*	*Temperature*
Total Dissolved Solids	*Turbidity*	Unique Entity Identifier	Volume
Water Conductivity	*Water Hardness*	Water Type	Width

WaterTurbulence (Area 00)   Water Turbulence

Attribute Set   **A disturbance of water caused by the interaction of any combination of waves, currents, eddies, tidal streams, wind, shoals, and obstructions.**

Feature Code	Full Name	Memorandum	Name Identifier
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Unique Entity Identifier	Water Turbulence Type	

WaterTurbulence (Line 00)   Water Turbulence

Attribute Set   **A disturbance of water caused by the interaction of any combination of waves, currents, eddies, tidal streams, wind, shoals, and obstructions.**

Feature Code	Full Name	Memorandum	Name Identifier
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Unique Entity Identifier	Water Turbulence Type	

WaterTurbulence (Point 00)   Water Turbulence

Attribute Set   **A disturbance of water caused by the interaction of any combination of waves, currents, eddies, tidal streams, wind, shoals, and obstructions.**

Feature Code	Full Name	Memorandum	Name Identifier
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Unique Entity Identifier	Water Turbulence Type	

WaterWell (Area 00)   Water Well

Attribute Set

A shaft sunk into the ground to reach and tap a supply of water intended for uses other than power generation, heating or the extraction of minerals. [Description] May be, for example, drilled to tap deep underground reservoirs or dug to reach a shallow water table. Dug wells are typically circular, lined with masonry, have a stone border and a structure built above then for lowering and raising a bucket.

Feature

Definition

Aquifer Name	*Aquifer Name*	Area	*Arsenic Concentration*
Chloride Concentration	*Coliform Concentration*	Controlling Authority	*Cyanide Concentration*
Deepest Depth Below Surface	*Device Power Type*	*Device Relative Location*	Facility Operational Status
Feature Code	Full Name	Geographic Name Type	Height Above Surface Level
Highest Elevation	Hydrologic Persistence	Length	*Magnesium Concentration*
Memorandum	Name Identifier	Navigation Landmark	*pH of Water*
Physical Condition Of Facility	*Pump Type*	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	*Static Water Level*
Static Water Level	*Sulfate Concentration*	*Temperature*	Terrain Surface Material
Total Dissolved Solids	*Turbidity*	Unique Entity Identifier	*Water Conductivity*
Water Flow	*Water Hardness*	Water Potability	Water Type
Water Use	*Water Well Construction Description*	*Water Well Construction Description*	*Well Morphology*
Well Type	Width		

WaterWell (Point 00)

Attribute Set

Water Well

A shaft sunk into the ground to reach and tap a supply of water intended for uses other than power generation, heating or the extraction of minerals. [Description] May be, for example, drilled to tap deep underground reservoirs or dug to reach a shallow water table. Dug wells are typically circular, lined with masonry, have a stone border and a structure built above then for lowering and raising a bucket.

Aquifer Name	*Aquifer Name*	Area	*Arsenic Concentration*
Chloride Concentration	*Coliform Concentration*	Controlling Authority	*Cyanide Concentration*
Deepest Depth Below Surface	*Device Power Type*	*Device Relative Location*	Facility Operational Status
Feature Code	Full Name	Geographic Name Type	Height Above Surface Level
Highest Elevation	Hydrologic Persistence	Length	*Magnesium Concentration*
Memorandum	Name Identifier	Navigation Landmark	*pH of Water*
Physical Condition Of Facility	*Pump Type*	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	*Static Water Level*
Static Water Level	*Sulfate Concentration*	*Temperature*	Terrain Surface Material
Total Dissolved Solids	*Turbidity*	Unique Entity Identifier	*Water Conductivity*
Water Flow	*Water Hardness*	Water Potability	Water Type
Water Use	*Water Well Construction Description*	*Water Well Construction Description*	*Well Morphology*
Well Type	Width		

Waterwork (Area 00)

Attribute Set

Waterwork

An establishment for storing, purifying, and supplying an area or town with water.

Address	Area	*Arsenic Concentration*	Average Water Depth
Chloride Concentration	*Coliform Concentration*	Controlling Authority	*Cyanide Concentration*
Deepest Depth Below Surface	Facility Operational Status	*Feature Code*	Full Name
Geographic Name Type	Height Above Surface Level	Highest Elevation	Length
Magnesium Concentration	Memorandum	Name Identifier	Navigation Landmark
pH of Water	*Physical Condition Of Facility*	Predominant Average Water Velocity	Predominant Maximum Water Depth
Predominant Maximum Water Velocity	Predominant Minimum Water Depth	*Pump Type*	*Purification Process*
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	*Sulfate Concentration*	*Temperature*	*Total Dissolved Solids*
Turbidity	Unique Entity Identifier	*Water Conductivity*	*Water Flow*
Water Hardness	Water Potability	Water Type	*Water Use*
Width	Wireless Telecommunication Type		

Waterwork (Point 00)

Attribute Set

Waterwork

An establishment for storing, purifying, and supplying an area or town with water.

Feature

Definition

Address	Area	*Arsenic Concentration*	Average Water Depth
Chloride Concentration	*Coliform Concentration*	Controlling Authority	*Cyanide Concentration*
Deepest Depth Below Surface	Facility Operational Status	*Feature Code*	Full Name
Geographic Name Type	Height Above Surface Level	Highest Elevation	Length
Magnesium Concentration	Memorandum	Name Identifier	Navigation Landmark
pH of Water	*Physical Condition Of Facility*	Predominant Average Water Velocity	Predominant Maximum Water Depth
Predominant Maximum Water Velocity	Predominant Minimum Water Depth	*Pump Type*	*Purification Process*
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	*Sulfate Concentration*	*Temperature*	*Total Dissolved Solids*
Turbidity	Unique Entity Identifier	*Water Conductivity*	*Water Flow*
Water Hardness	Water Potability	Water Type	*Water Use*
Width	Wireless Telecommunication Type		

WeighStation (Area 00)

Weigh Station

Attribute Set

A building and associated equipment that is used to inspect and weigh motor vehicles.   [Description] Located adjacent to a road and used to enforce a variety of motor vehicle safety regulations. Motor vehicles may be weighed by driving them onto a platform.

Address	Angle of Orientation	Area	Facility Operational Status
Feature Code	Feature Function	Full Name	Height Above Surface Level
Highest Elevation	Length	*Manufactured Building*	Memorandum
Name Identifier	Navigation Landmark	*Physical Condition Of Facility*	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Roof Shape
Specified Enumerant(s)	Unique Entity Identifier	Vehicle Scale Count	Width

---

WeighStation (Point 00)

Weigh Station

Attribute Set

A building and associated equipment that is used to inspect and weigh motor vehicles.   [Description] Located adjacent to a road and used to enforce a variety of motor vehicle safety regulations. Motor vehicles may be weighed by driving them onto a platform.

Address	Angle of Orientation	Area	Facility Operational Status
Feature Code	Feature Function	Full Name	Height Above Surface Level
Highest Elevation	Length	*Manufactured Building*	Memorandum
Name Identifier	Navigation Landmark	*Physical Condition Of Facility*	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Roof Shape
Specified Enumerant(s)	Unique Entity Identifier	Vehicle Scale Count	Width

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WindFarm (Area 00)

Wind Farm

Attribute Set

A collection of windmotors that are collocated and are organized as a single power generation unit.

Address	Area	Facility Operational Status	*Feature Code*
Full Name	Height Above Surface Level	Highest Elevation	Length
Memorandum	Name Identifier	Navigation Landmark	*Physical Condition Of Facility*
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Unique Entity Identifier	Width	

WindFarm (Point 00)

Wind Farm

Attribute Set

A collection of windmotors that are collocated and are organized as a single power generation unit.

Address	Area	Facility Operational Status	*Feature Code*
Full Name	Height Above Surface Level	Highest Elevation	Length
Memorandum	Name Identifier	Navigation Landmark	*Physical Condition Of Facility*
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Unique Entity Identifier	Width	

Feature

Definition

Windmill (Area 00)

Windmill

Attribute Set

A system of vanes attached to a tower and driven by wind (excluding wind turbines).

Aeronautical Obstacle Light Present	Area	Facility Operational Status	*Feature Code*
Full Name	Height Above Surface Level	Highest Elevation	Length
Memorandum	Name Identifier	Navigation Landmark	*Physical Condition Of Facility*
Product	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	Tower Shape	Unique Entity Identifier
Vertical Construction Material	Vertical Obstruction Identifier	Width	

Windmill (Point 00)

Windmill

Attribute Set

A system of vanes attached to a tower and driven by wind (excluding wind turbines).

Aeronautical Obstacle Light Present	Area	Facility Operational Status	*Feature Code*
Full Name	Height Above Surface Level	Highest Elevation	Length
Memorandum	Name Identifier	Navigation Landmark	*Physical Condition Of Facility*
Product	Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings
Resource Owner-Producer	Specified Enumerant(s)	Tower Shape	Unique Entity Identifier
Vertical Construction Material	Vertical Obstruction Identifier	Width	

WindTurbine (Point 00)

Wind Turbine

Attribute Set

A tower and associated equipment that generates electrical power from wind.

Aeronautical Obstacle Light Present	Area	Facility Operational Status	*Feature Code*
Full Name	Guyed	Height Above Surface Level	Highest Elevation
Length	Location Referenced to Shoreline	Memorandum	Name Identifier
Navigation Landmark	*Physical Condition Of Facility*	Resource Classification	Resource Content Originator
Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)	Tower Shape
Unique Entity Identifier	Vertical Construction Material	Vertical Obstruction Identifier	Width

---

Wreck (Area 00)

Wreck

Attribute Set

The ruined remains of a stranded or sunken vessel that has been rendered useless.

Area	Bathymetric Measurement Quality Category	Bathymetric Measurement Technique	Dangerous to Navigation
Delineation Known	*Feature Code*	Full Name	Hydrographic Depth
Length	Memorandum	Name Identifier	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Unique Entity Identifier	Water Level Effect	Wreck or Hulk Exposure	

Wreck (Point 00)

Wreck

Attribute Set

The ruined remains of a stranded or sunken vessel that has been rendered useless.

Area	Bathymetric Measurement Quality Category	Bathymetric Measurement Technique	Dangerous to Navigation
Delineation Known	*Feature Code*	Full Name	Hydrographic Depth
Length	Memorandum	Name Identifier	Resource Classification
Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer	Specified Enumerant(s)
Unique Entity Identifier	Water Level Effect	Wreck or Hulk Exposure	

Zoo (Area 00)

Zoo

Attribute Set

A site where wild animals are kept for exhibition to the public, that may also support breeding and/or study.

Feature

Definition

Address	Area	Facility Operational Status	*Feature Code*
Full Name	Height Above Surface Level	Highest Elevation	Length
Memorandum	Name Identifier	Navigation Landmark	*Physical Condition Of Facility*
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Unique Entity Identifier	Width	

Zoo (Point 00)

Zoo

Attribute Set

A site where wild animals are kept for exhibition to the public, that may also support breeding and/or study.

Address	Area	Facility Operational Status	*Feature Code*
Full Name	Height Above Surface Level	Highest Elevation	Length
Memorandum	Name Identifier	Navigation Landmark	*Physical Condition Of Facility*
Resource Classification	Resource Content Originator	Resource Non-Intelligence Community Markings	Resource Owner-Producer
Specified Enumerant(s)	Unique Entity Identifier	Width	