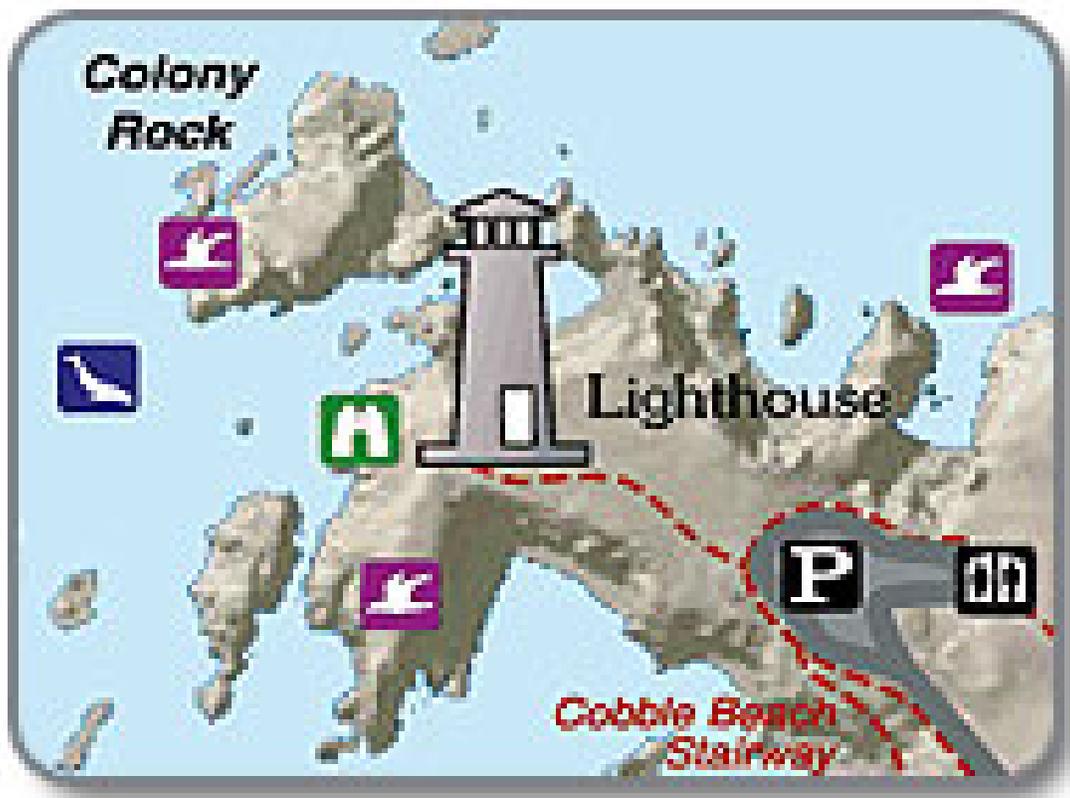




Other National Designations Data Standard



OTHER NATIONAL DESIGNATIONS DATA STANDARD

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1. GENERAL INFORMATION

Dataset (Theme) Name: Other National Designations

Dataset (Feature Classes): OND_POLY, OND_ARC

1.1 ROLES AND RESPONSIBILITIES

Roles	Responsibilities
State Data Steward	The State Data Steward, Jerry Magee at 503-808-6086, is responsible for approving data standards and business rules, developing Quality Assurance/Quality Control procedures, and ensuring that data is managed as a corporate resource. The State Data Steward coordinates with field office data stewards, the state data administrator, Geographic Information System (GIS) coordinators, and national data stewards. The State Data Steward reviews geospatial metadata for completeness and quality.
Lead GIS Specialist	The Lead GIS Specialist, Erin Frostad, at 503-808-6524, works with data stewards to interpret business needs into GIS applications and derive data requirements and participates in the development of data standards. The Lead GIS specialist coordinates with system administrators and GIS coordinators to manage the GIS databases. The lead GIS specialist works with data editors to make sure data is being input into the enterprise Spatial Database Engine (SDE) database consistently and in accordance with the established data standard. The lead GIS specialist provides technical assistance and advice on GIS analysis, query and display of the dataset.
State Data Administrator	The Acting State Data Administrator, Pamela Keller at 503-808-6009, provides information management leadership, data modeling expertise, and custodianship of the state data models. The State Data Administrator ensures that defined processes for development of data standards and metadata are followed and that they are consistent and complete. The State Data Administrator is responsible for making data standards and metadata accessible to all users. The State Data Administrator coordinates with data stewards and GIS coordinators to respond to national spatial data requests.
State Records Administrator	The Acting State Records Administrator, Janice Johnson, at 503-808-6430, is responsible for identifying any privacy issues related to spatial data. The State Records Administrator also provides direction and guidance on data release and fees. The State Records Administrator assures that data has been classified under the proper records retention schedule and determines the appropriate Freedom of Information Act (FOIA) category.

Table 1 Roles and Responsibilities

1.2 FOIA CATEGORY

Public

1.3 RECORDS RETENTION SCHEDULE(S)

General Records Schedule 20/52c (Electronic Records/Geographic Information Systems)
PERMANENT. Cutoff the end of the fiscal year (EOFY) in which the layer is created or significantly altered by the Bureau of Land Management (BLM). Transfer a copy of the data to National Archives and Records Administration at the EOFY.

1.4 SECURITY/ACCESS/SENSITIVITY

The Other National Designations (OND) set of themes does not require any additional security other than that provided by the General Support System (the hardware/software infrastructure of the Oregon/Washington (OR/WA) BLM).

This dataset is not sensitive, and there are no restrictions on access to this data either from within the BLM or external to the BLM. This dataset falls under the standard Records Access Category 1A-Public Data.

There are no privacy issues or concerns associated with these data themes (Privacy Impact Assessment OR/WA 00234).

1.5 KEYWORDS

National Landscape Conservation System, National Designations, Special Management Areas, National Monument, Cooperative Management and Protection Area, National Conservation Area

2. DATASET OVERVIEW

2.1 DESCRIPTION

This OND Area data standard contains requirements for National Designation Area boundary polygons and lines that are not included in other datasets. These are areas designated by an Act of Congress, a Presidential Executive Order or an Order of the Secretary of the Interior and are administered in accordance with provisions of the enabling legislation and/or orders. Some areas in this dataset are part of the National Landscape Conservation System (NLCS) including National Monuments, Cooperative Management and Protection Areas, Outstanding Natural Areas, and some are not. Areas established through the normal land use planning process (even if they are the same type of area) are not included in this dataset.

The OND dataset is a Boundary type theme. As such there is a related pair of feature classes (comprising a feature dataset). One contains polygon features representing the *area within* the boundary and containing attributes describing theme-specific content information. The second contains line features that comprise, and are coincident with, the polygon *perimeter*. They contain attributes describing the source and accuracy of the line geometry and are used only to capture and update the linework.

2.2 USAGE

This dataset is used for depicting the data standard on maps. Polygons created from the data are used for various analytical purposes, including clipping data and calculating acreage.

2.3 SPONSOR/AFFECTED PARTIES

The sponsor for this dataset is the Deputy State Director, Resource Planning, Use, and Protection. This OND is not specific to BLM. Matching interagency data across the landscape is not necessary. Our nongovernmental partners and the general public are affected to the extent that OND is part of the Resource Management Plans (RMP) that determine management on BLM lands. An RMP may preclude certain activities in certain areas either because the enabling legislation/Executive Order prohibits them or because of potential impact to the National Designation Area.

2.4 RELATIONSHIP TO OTHER DATASETS

The features included in the OND dataset are, for the most part, segments of the NLCS. They are often portrayed or viewed along with other NLCS data such as Wilderness, Wild and Scenic Rivers, and National Historic Trails.

2.5 DATA CATEGORY/ARCHITECTURE LINK

These data themes are a portion of the Oregon Data Framework (ODF). The ODF utilizes the concept of inheritance to define specific instances of data. The ODF divides all OR/WA resource-related data into three general categories: Activities, Resources, and Boundaries. These general categories are broken into sub-categories that inherit spatial characteristics and attributes from their parent categories. These sub-categories may be further broken into more specific groups until you get to a basic dataset that cannot be further sub-divided. Those basic datasets inherit all characteristics of all groups/categories above them. The basic datasets are where physical data gets populated (the groups/categories above them do not contain actual data but set parameters that all data of that type must follow).

For additional information about the ODF, contact:

OR/WA State Data Administrator
Bureau of Land Management
P.O. Box 2965
Portland, OR 97208
503-808-6009

For OND, there are two paths, one for the polygon features and one for the line (arc) features.

OND Polygon:

ODF

Boundaries

Political and Administrative

Political and Administrative Existing

OND_POLY

OND Line:

ODF

Boundaries

Political/Administrative/Special Management Area Line

OND_ARC

2.6 RELATIONSHIP TO THE DEPARTMENT OF THE INTERIOR ENTERPRISE ARCHITECTURE – DATA RESOURCE MODEL

The Department of the Interior’s (DOI) Enterprise Architecture contains a component called the Data Resource Model. This model addresses the concepts of Data Sharing, Data Description, and Data Context. This data standard provides information needed to address each of those areas. Data sharing is addressed through complete documentation and simple data structures which make sharing easier. Data description is addressed through the section on Attribute Descriptions. Data context is addressed through the data organization and structure portions of this document. In addition, the DOI Data Resource Model categorizes data by use of standardized Data Subject Areas and Information Classes. For this data set, these are as follows:

Data Subject Area: Geospatial
Information Class: Location

For a complete list of all DOI Data Subject Areas and Information Classes, contact:

OR/WA State Data Administrator
Bureau of Land Management
P.O. Box 2965
Portland, OR 97208
503-808-6009

2.7 OTHER NATIONAL DESIGNATIONS DATA ORGANIZATION/STRUCTURE

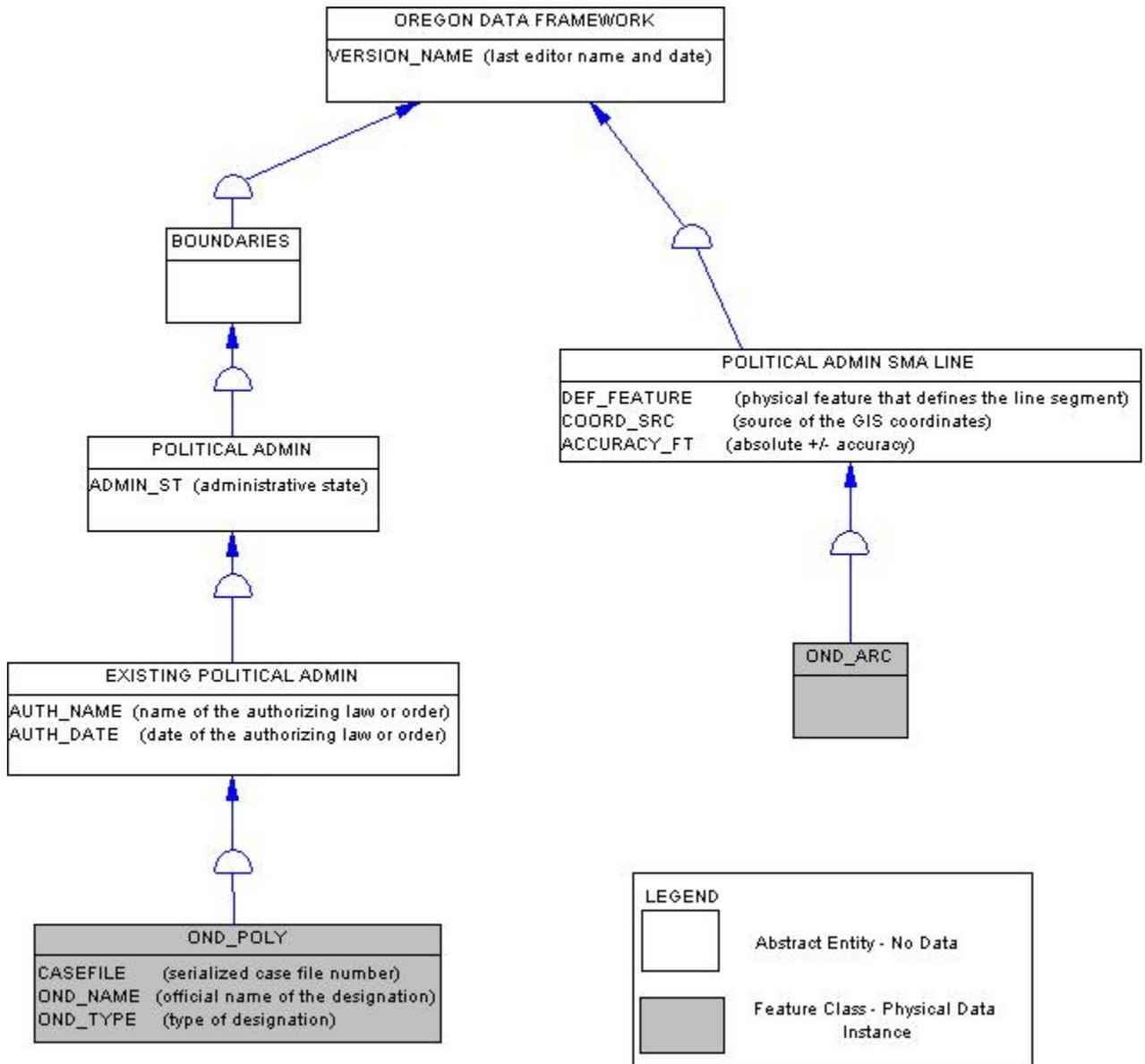


Figure 1 Data Organization Structure

3. DATA MANAGEMENT PROTOCOLS

3.1 ACCURACY REQUIREMENTS

Political and Administrative boundary themes (OND Area is a boundary theme) often require a higher level of accuracy than other themes. Boundaries are a human construct, often with no physical existence, that define lines separating areas with differing resource management objectives or differing restrictions governing use or access to areas of land. These differences are the result of BLM planning decisions, executive orders, secretarial orders, or legislation and the regulations implementing those decisions, orders, and laws. Some boundaries can, by their nature or definition, be accurately located and others cannot. Boundary perimeter lines must be defined and segmented accordingly. Individual boundary segment attributes (Feature Level Metadata) provide the information needed to answer questions about why a boundary line is where it is and how accurately it is located. These theme groups, therefore require feature class pairs (feature datasets), polygons for the area, and lines for the perimeter. A high level of positional and attribute accuracy is required for the OND theme, and features are input and maintained with the highest level of accuracy possible short of surveying.

3.2 COLLECTION, INPUT, AND MAINTENANCE PROTOCOLS

Boundaries are delineated using guidance in BLM Manual Section 6120 (Congressionally Required Maps and Legal Descriptions for National Landscape Conservation System Designations, March 5, 2010). Boundaries are captured in GIS using legal references and the most accurate GIS themes available including Geographic Coordinate Database for parcel segments; 24k Digital Line Graphs (DLG) for roads; Global Positioning System (GPS) Coordinates; Digital Raster Graphic backdrop for heads-up digitizing of contours, fences, and power lines; and Digital Orthophoto Quad backdrop for disturbances like mine areas. The line feature class pair for OND polygons is required, but existing OND data for OR/WA districts will be loaded into the Spatial Data Engine without populating the attributes. Future OND capture will require populating the line attributes.

Once the OND theme has been created, it is the responsibility of the State Data Steward to ensure that it remains current. It is the responsibility of the District Data Stewards and GIS Coordinators to keep the State Data Steward apprised of improvements to the GIS source data and to assist with updates. Proposed changes will be provided to the State Data Steward and Lead GIS Specialist for inclusion in the theme.

3.3 UPDATE FREQUENCY AND ARCHIVAL PROTOCOLS

The unit of processing for updating the OND theme is the state.

Except for minor corrections, OND changes only through new or amended legislation or with the acquisition of inholdings.

It is also the responsibility of the State Data Steward to ensure that any database external to the GIS remains current. The district GIS Coordinator will approve update processes and provide assistance and oversight. At this time, there are no digital databases associated with OND, but the responsibility to maintain the GIS extends to paper records. Reports or tables containing OND acreages must be checked against the GIS acres and, ideally, should come directly from the GIS dataset which supplied the official OND acres for the relevant legislation.

3.4 STATEWIDE MONITORING

Regular review of the OND theme is not needed since there will be close review at the time of any change.

4. OTHER NATIONAL DESIGNATIONS SCHEMA (Simplified)

General Information: Attributes are listed in the order they appear in the geodatabase feature class. The order is an indication of the importance of the attribute for theme definition and use. There are no aliases unless specifically noted. The domains used in this data standard can be found in Appendix A. These are the domains at the time the data standard was approved. Domains can be changed without a re-issuance of the data standard. For a complete list of domains, contact:

Stanley Frazier
OR/WA State Data Administrator
Bureau of Land Management
P.O. Box 2965
Portland, OR 97208
503-808-6009

4.1 Other_National_Designations Feature Dataset

4.1.1 OND_POLY (Other National Designation Area Polygons)

Attribute Name	Data Type	Length	Default Value	Required?	Domain
OND_NAME	String	60		Yes	
OND_TYPE	String	5		Yes	dom_OND_TYPE
CASEFILE	String	15		Yes	
AUTH_NAME	String	100		No	dom_AUTH_NAME
AUTH_DATE	String	8		No	
ADMIN_ST	String	2	OR	Yes	dom_ADMIN_ST
VERSION_NAME	String	50	InitialLoad	Yes	

4.1.2 OND_ARC (Other National Designation Area Lines)

Attribute Name	Data Type	Length	Default Value	Required?	Domain
DEF_FEATURE	String	25		Yes	dom_DEF_FEATURE
COORD_SRC	String	7		Yes	dom_COORD_SRC
ACCURACY_FT	Short Integer			No	
VERSION_NAME	String	50	InitialLoad	Yes*	

* Values automatically generated

5. PROJECTION AND SPATIAL EXTENT

All feature classes and feature datasets are in Geographic, North American Datum 83. Units are in decimal degrees. Spatial extent (area of coverage) includes all lands managed by the BLM in OR/WA, bordered on the North by Latitude 49.5, on the South by Latitude 41.5, on the East by Longitude -116 and on the West by Longitude -125. See the metadata for this dataset for more precise description of the extent. In order to maintain consistent acres reporting, OND should be projected into Universal Transverse Mercator in the appropriate zone for acres calculation.

6. SPATIAL ENTITY CHARACTERISTICS

6.1 OTHER NATIONAL DESIGNATION AREA POLYGON (OND_POLY)

Description: Instance of Political and Administrative Existing group.

Geometry: Polygons cover a small percentage of BLM lands. There should be no overlap between adjacent areas.

Topology: Yes. OND_POLY lines are coincident with OND_ARC lines and together make the feature dataset, OND.

Integration Requirements: None

6.2 OTHER NATIONAL DESIGNATION AREA LINE (OND_ARC)

Description: Instance of Political Admin Special Management Areas (SMA) Line group. Lines making up the area perimeters of OND_POLY and segmented as needed to indicate a change in either what defines the section of boundary and/or the source of the actual GIS coordinates.

Geometry: Simple, non-overlapping lines that are split between endpoints as needed.

Topology: Yes. OND_POLY lines are coincident with OND_ARC lines and together make the feature dataset, OND

Integration Requirements: Line segments must be coincident with the source data indicated by attributes DEF_FEATURE and COORD_SRC either through duplication or snapping.

Remainder of page left intentionally blank.

7. ATTRIBUTE CHARACTERISTICS AND DEFINITIONS

In alphabetical order.

7.1 ACCURACY_FT

Geodatabase Name	ACCURACY_FT
BLM Structured Name	ACCURACY_FEET_MEASURE
Description	<p>Inherited from Entity POLITICAL ADMIN SMA LINE</p> <p>Used in Feature Classes: OND_ARC</p> <p><u>Definition</u> How close, in feet, the spatial GIS depiction is to the actual location on the ground. There are several factors to consider in GIS error: scale and accuracy of map-based sources, accuracy of GPS equipment, and the skill level of the data manipulators. A value of “0” indicates no entry was made. This is the correct value when the COORD_SRC is another GIS theme (DLG, Geographic Coordinate Database, Digital Elevation Model) because the accuracy is determined by that theme. However, if COORD_SRC is MAP (digitized from a paper map) or GPS, a value of “0” indicates a missing value that should be filled in either with a non-zero number or “-1.” A value of “-1” indicates that the accuracy is unknown and no reliable estimate can be made. Examples: 40, -1, 0</p>
Required/Optional	Optional
Domain (Valid Values)	No Domain
Data Type	Short Integer

7.2 ADMIN_ST

Geodatabase Name	ADMIN_ST
BLM Structured Name	Administrative_State_Code
Description	Inherited from entity POLITICAL ADMIN POLY Used in Feature Classes: OND_POLY <u>Definition</u> The two-character abbreviation for the state with administrative responsibilities. Some BLM state offices have administrative responsibilities for more than one state. For instance, the administrative state of Oregon is responsible for both Oregon and Washington.
Required/Optional	Required
Domain (Valid Values)	dom ADMIN ST
Data Type	Characters (2)

7.3 AUTH_DATE

Geodatabase Name	AUTH_DATE
BLM Structured Name	Authority_Date
Description	Inherited from Entity POLITICAL ADMIN EXISTING Used in Feature Classes: OND_POLY <u>Definition</u> Date the area was legally established (YYYYMMDD). It is allowable to enter only YEAR or YEAR and MONTH.
Required/Optional	Optional
Domain (Valid Values)	None
Data Type	Characters (8)

7.4 AUTH_NAME

Geodatabase Name	AUTH_NAME
BLM Structured Name	Authority_Text
Description	Inherited from Entity POLITICAL ADMIN EXISTING Used in Feature Classes: OND_POLY <u>Definition</u> Public Law or Order that established the designation.
Required/Optional	Optional
Domain (Valid Values)	AUTH_NAME
Data Type	Variable Characters (100)

7.5 CASEFILE

Geodatabase Name	CASEFILE
BLM Structured Name	Casefile_Number
Description	Not Inherited. Used in Feature Class: OND_POLY <u>Definition</u> The serialized case file number for each designated area. This field should be in uppercase. Inholding polygons should not be given a casefile number.
Required/Optional	Required
Domain (Valid Values)	None. Example: OR-19189.
Data Type	Variable Characters (15)

7.6 COORD_SRC

Geodatabase Name BLM Structured Name	COORD_SRC Coordinate_Source_Code
Description	Inherited from entity POLITICAL ADMIN SMA LINE Used in Feature Class: OND_ARC <u>Definition</u> The actual source of the GIS coordinates for the line segments.
Required/Optional	Required
Domain (Valid Values)	dom_COORD_SRC (Domain is a subset of Coordinate Source Code domain common to all Political Admin SMA lines)
Data Type	Characters (7)

7.7 DEF_FEATURE

Geodatabase Name BLM Structured Name	DEF_FEATURE Defining_Feature_Code
Description	Inherited from entity POLITICAL ADMIN SMA LINE Used in Feature Class: OND_ARC <u>Definition</u> Physical feature that forms the boundary.
Required/Optional	Required
Domain (Valid Values)	dom_DEF_FEATURE (Domain is a subset of Defining Feature Code domain common to all Political Admin SMA lines)
Data Type	Variable Characters (25)

7.8 OND_NAME

Geodatabase Name	OND_NAME
BLM Structured Name	Other_National_Designations_Area_Name
Description	<p>Not Inherited</p> <p>Used in Feature Class: OND_POLY</p> <p><u>Definition</u> This value refers to the official name of the National Designation Area. It may contain spaces plus a combination of upper and lowercase alpha characters. Inholding polygons should be labeled “inholding.”</p>
Required/Optional	Required
Domain (Valid Values)	None. Example: Cascade-Siskiyou National Monument
Data Type	Variable Characters (60)

7.9 OND_TYPE

Geodatabase Name	OND_TYPE
BLM Structured Name	Other_National_Designation_Type_Code
Description	<p>Not Inherited</p> <p>Used in Feature Class: OND_POLY</p> <p><u>Definition</u> The type of national designation the area represents. These are either Congressional or Presidential designations.</p> <p>Areas (such as Cooperative Management Areas, Outstanding Natural Areas, Scenic Corridors) that are established through the land use planning process are not in this dataset. This dataset only contains those areas established by an Act of Congress, Executive Order, or Secretarial Order.</p>
Required/Optional	Required
Domain (Valid Values)	dom_OND_TYPE
Data Type	Variable Characters (5)

7.10 VERSION_NAME

Geodatabase Name BLM Structured Name	VERSION_NAME GEODATABASE_VERSION_TEXT
Description	<p>Inherited from Entity ODF. Only appears in the transactional (edit) version. Public version (which is also the version used internally for mapping or analysis) does not contain this attribute.</p> <p>Used in Feature Classes: OND_ARC OND_POLY</p> <p><u>Definition</u> Name of the corporate geodatabase version previously used to edit the record. InitialLoad = feature has not been edited in ArcSDE.</p> <p>Format: username.XXX-mmddyy-hhmmss = version name of last edit (hours might be a single digit; leading zeros are trimmed for hours only). XXX=theme abbreviation</p>
Required/Optional	Required
Domain (Valid Values)	No Domain. Example: sfrazier.GRA-121211-111034
Data Type	Variable Characters (50)

8. ASSOCIATED FILES OR DATABASES

There are no external files or databases currently associated with the OND data sets.

9. LAYER FILES (PUBLICATION VIEWS)

General Background:

Master corporate feature classes/datasets maintained in the edit database (currently orsoedit) are “published” to the user database (currently orsovctr) in several ways:

- A. Copied completely with no changes (replicated).
- B. Copied with no changes except to omit one or more feature classes from a feature dataset.
- C. Minor changes made (e.g., clip, dissolve, union with ownership) in order to make the data easier to use. These “Publication feature classes” are indicated by “PUB” in their names. They are

created through scripts that can be automatically executed and are easily rebuilt from the master (orsoedit) data whenever necessary.

Layer files are not new data requiring storage and maintenance but point to existing data. They have appropriate selection and symbolization for correct use and display of the data. They provide the guidance for data published on the web. Layer files are created by simple, documented process, and can be deleted and recreated at any time.

All datasets are published, both internally and externally, with the attribute VERSION_NAME removed (for privacy reasons).

10. EDITING PROCEDURES

Cluster Tolerance

The topology cluster tolerance of 0.000002 degrees

Topology Rules

- A. Adjacent polygons must not overlap.
- B. Polygon boundaries in the OND_POLY feature class must be covered by lines in the OND_ARC feature class.
- C. Line features must not have dangles
- D. Line features must not intersect, self-overlap, or overlap adjacent lines.

Allowed Exceptions

There are no allowed exceptions for the OND editing group.

Editing Symbology

For this Edit group, there are no Symbology standards at this time.

Snapping Guidelines

Feature classes listed in order of reliability: OND_ARC, OND_POLY

11. ABBREVIATIONS AND ACRONYMS USED IN THIS STANDARD

Abbreviations/acronyms used as codes for particular data attributes are not included.

Abbreviations	Descriptions
BLM	Bureau of Land Management
DEM	Digital Elevation Model
DLG	Digital Line Graphs
FOIA	Freedom of Information Act
GIS	Geographic Information System
GPS	Global Positioning System

IDP	Interdisciplinary
NAD	North American Datum
NARA	National Archives and Records Administration
ODF	Oregon Data Framework
OND	Other National Designation
OR/WA	Oregon / Washington
RMP	Resource Management Plan
RMPA	Resource Management Plan Amendment
ROD	Record of Decision
SDE	Spatial Data Engine

Table 2 Abbreviations/Acronyms Used

Remainder of page left intentionally blank.

APPENDIX A. DOMAINS (VALID VALUES)

The domains listed below are those that were in effect at the time the data standard was approved and may not be current. Contact the State Data Administrator for current lists:

OR/WA State Data Administrator
Bureau of Land Management
P.O. Box 2965
Portland, OR 97208
503-808-6009

Note that domain CODE as seen in the geodatabase is added to the DESCRIPTION. For example, the domain CODE “ADMIN” has the DESCRIPTION of “ADMIN–Access only for BLM administrative purposes.”

A.1 ADMIN_ST [\[BACK\]](#)

OR	OR–Oregon and Washington
ID	ID–Idaho
NV	NV–Nevada
CA	CA–California

A.2 AUTH_NAME [\[BACK\]](#)

7318	7318–Presidential Proclamation Cascade-Siskiyou National Monument
90-542	90-542–Wild and Scenic Rivers Act of 1968, Public Law 90-542
95-200	95-200–Bull Run Act
95-327	95-327–Endangered American Wilderness Act
96-199	96-199–Channel Islands National Park and Other Purposes
98-328	98-328–Oregon Wilderness Act of 1984
98-339	98-339–Washington State Wilderness Act of 1984
100-557	100-557–Omnibus Oregon Wild and Scenic Rivers Act of 1988, Public Law 100-557
104-208	104-208–Oregon Resource Conservation Act of 1996
104-333	104-333–Omnibus Parks and Public Lands Management Act of 1996
106-399	106-399–Steens Mountain Cooperative Management and Protection Act of 2000, Public Law 106-399
111-011	111-011–Omnibus Public Land Management Act of 2009

A.3 COORD_SRC [\[BACK\]](#)

CADNSDI	CADNSDI – Lines from or snapped to the CADNSDI dataset
CFF	CFF–Lines duplicated or buffered from Cartographic Feature Files (USFS)
DEM	DEM–Digital Elevation Model (30m or better accuracy) used for creation of contours
DIS	DIS–Lines generated to connect discontinuous features
DLG	DLG–Lines duplicated or buffered from (24K scale accuracy) USGS Digital Line Graphs
DOQ	DOQ–Screen digitized linework over Digital Orthoquad backdrop
DRG	DRG–Screen digitized linework over Digital Raster Graphic (USGS) backdrop
GCD	GCD–Lines snapped to Geographic Coordinate Database Points
GPS	GPS–Lines obtained from a Global Positioning System device
IMG	IMG–Linework derived from interpretation of satellite or other non-photographic imagery
MAP	MAP–Digitized linework from hardcopy map
MTP	MTP–Lines duplicated from Digital Master Title Plat
SOURCEL	SOURCEL–Source Layer from BLM GIS
SRV	SRV–Survey methods were used to create the linework (e.g., COGO)
TIGER	TIGER–Tiger Data
TRS	TRS–Coordinates only given as a legal description (township, range, section)
UNK	UNK–Unknown coordinate source
WOD	WOD–WODDB Photogrammetric

A.4 DEF_FEATURE [\[BACK\]](#)

ADMIN_REC_STIE	ADMIN_REC_SITE – Administrative or Recreation facility or site boundary
BLM_ADMIN	BLM_ADMIN–Bureau of Land Management administrative boundary
CLOSURE	CLOSURE–Closure extension. Used to close small gaps
COAST_3MILE	COAST_3MILE–Separating coastal water from territorial sea at 3-mile
COUNTY	COUNTY–County boundary
ELEVATION	ELEVATION–Line of common elevation
FENCE	FENCE–Boundary defined by a Fence line regardless of whether it forms part of a grazing unit
FOREST_SERVICE_ADMIN	FOREST_SERVICE_ADMIN–Forest Service administrative boundaries
GRAZING_BOUNDARY	GRAZING_BOUNDARY–Boundary defined as a pasture or other administrative grazing boundary (regardless of whether it is fenced or follows a subdivision or other legal boundary)
HU	HU–Hydrologic unit divide
JETTY	JETTY–Jetty
JURISDICTION	JURISDICTION–Surface jurisdiction boundary (e.g., boundary defined as BLM ownership regardless of subdivision)
LAVA	LAVA–Edge of lava flow

LEVEE	LEVEE–Dike or levee
MARSH	MARSH–Edge of Marsh, wetland, swamp, or bog boundary
MINERAL_DISTURBANCE	MINERAL_DISTURBANCE–Edge of quarry, mine, gravel stockpile or other mineral surface disturbance area
NLCS_BOUNDARY	NLCS_BOUNDARY–Wilderness, Wilderness Study Areas, Wild and Scenic River, National Scenic or Historic Trail or other NLCS designation boundary
PARKING_AREA	PARKING_AREA–Motorized vehicle parking area
POINT-TO-POINT	POINT-TO-POINT–Boundary defined by a straight line segment between two points
POWERLINE	POWERLINE–Power transmission line or buffer offset
RIDGE	RIDGE–Ridge
RIGHT-OF-WAY	RIGHT-OF-WAY–A legal right of way forms boundary
RIM	RIM–Line generally follows a natural topographic barrier
ROAD	ROAD–Routes managed for use by low or high–clearance (4WD) vehicles, but not ATV
ROAD_OFFSET	ROAD_OFFSET–Boundary is offset from a road (not necessarily a consistent buffer)
SHORELINE	SHORELINE–Lake, pond, reservoir, bay or ocean shoreline or meander line
STREAM_LBANK	STREAM_LBANK–Downstream left stream bank
STREAM_RBANK	STREAM_RBANK–Downstream right stream bank
SUBDIVISION	SUBDIVISION–Public Land Survey System derived aliquot (1/2s, 1/4s) parts and lots define the legal boundary
TRAIL	TRAIL–Routes managed for human-powered, stock or off-highway vehicle forms of travel
TRAIL_OFFSET	TRAIL_OFFSET – Boundary is offset from a trail (not necessarily a consistent buffer)
UNKNOWN	UNKNOWN–Defining feature is unknown
VEGETATION	VEGETATION–Boundary is defined as a seeding boundary or other relatively permanent vegetation change
WATERCOURSE	WATERCOURSE–Stream, river, ditch, canal or drainage centerline

A.5 OND_TYPE [\[BACK\]](#)

LONA	LONA–Legislated Outstanding Natural Area
NM	NM–National Monument
CMPA	CMPA–Cooperative Management and Protection Area
LCMA	LCMA–Legislated Cooperative Management Area
LSC	LSC–Legislated Scenic Corridor
WPA	WPA–Watershed Protection Area
NCA	NCA–National Conservation Area