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| MIL-PRF-0089012A(NIMA) |
| <u>24 August 1999</u> |
| USED IN LIEU OF |
| MIL-W-89012 |
| 27 JULY 1990 |

PERFORMANCE SPECIFICATION
WORLD VECTOR SHORELINE (WVSPLUS®)

This specification is approved for interim use by the National Imagery and Mapping Agency in lieu of the coordinated issue MIL-W-89012.

1. SCOPE

1.1 Scope. This product specification defines the requirements for the National Imagery and Mapping Agency (NIMA) World Vector Shoreline (WVSPLUS®)* product. The WVSPLUS is a vector-based digital product that portrays shorelines, maritime boundaries, international boundaries, country areas and selected depth information.

1.2 Purpose. This specification provides a description of the content, accuracy, data format, and design of the WVSPLUS product. Conformance to this specification will assure uniformity of treatment among all mapping and charting elements engaged in a coordinated production and maintenance program for this product.

2. APPLICABLE DOCUMENTS

2.1 General. The documents listed in this section are specified in Sections 3 and 4 of this specification. This section does not include documents cited in other sections of this specification or recommended for additional information or as examples. While every effort has been made to ensure the completeness of this list, document users are cautioned that they shall meet all specified requirements documents cited in Sections 3 and 4 of this specification whether or not they are listed.

2.2 Government documents.

2.2.1 Specifications, standards, and handbooks. The following

* WVSPLUS® is a registered trademark of the National Imagery and Mapping Agency

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| Beneficial comments (recommendations, additions, deletions) and any pertinent data which may be of use in improving this document should be addressed to: Director, National Imagery and Mapping Agency, ATTN: Customer Support/COD, Mail Stop P-37, 4600 Sangamore Road, Bethesda, MD 20816-5003, by using the Standardization Document Improvement Proposal (DD Form 1426) appearing at the end of this document, or by letter. |
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specifications, standards, and handbooks form a part of this document to the extent specified herein. Unless otherwise specified, the issues of these documents are those listed in the current Department of Defense Index of Specifications and Standards (DODISS) and the supplement thereto, cited in the solicitation (see 6.2).

SPECIFICATIONS

DEPARTMENT OF DEFENSE

MIL-D-89010 - Military Specification
5-Minute Digital Bathymetric
Data Base (DBDB5)

STANDARDS

FEDERAL INFORMATION PROCESSING STANDARDS

FIPS 10-4 - Countries, Dependencies, Areas of
Special Sovereignty, and Their
Principal Administrative Divisions

DEPARTMENT OF DEFENSE

MIL-STD-600001 - Mapping, Charting & Geodesy
Accuracy Standard
MIL-STD-2407 - Vector Product Format, 28 June 1996
MIL-STD-2414 - DMA Stock Number Bar Coding

HANDBOOK

DEPARTMENT OF DEFENSE

MIL-HDBK-9660 - DOD Produced CD-ROM Products

(Unless otherwise indicated, copies of the above specifications, standards, and handbooks are available from the DoD Single Stock Point (DODSSP), 700 Robbins Avenue, Building 4D, Philadelphia, PA 19111-5094. Copies of Federal Information Processing Standards (FIPS) are available to Department of Defense activities from the DoD Single Stock Point (DODSSP). Others must request copies from the National Information Services, 5285 Port Royal Road, Springfield, VA 22161-2171.)

2.2.2 Other Government documents, drawings, and publications. The following other Government documents, drawings, and publications form a part of this document to the extent specified herein. Unless otherwise specified, the issues are those cited in the solicitation.

NIMA DOCUMENTS

DMA Technical Manual
(DMA TM) 8358.1 - Datums, Ellipsoids, Grids, and
Grid Reference Systems.
NIMA Technical Report
(NIMATR) 8350.2 - Department of Defense
World Geodetic System 1984.

(Copies of the aforementioned publications are available from the Defense Logistics Agency.)

Digital Geographic Information Exchange Standard (DIGEST), Part 4, Feature and Attribute Coding Catalogue (FACC), Edition 2.0, June 1997.

NIMA Instruction NI-8955.1, NIMA CD-ROM Labeling and Packaging.

(Copies of the aforementioned publications are available from the National Imagery and Mapping Agency, Interoperability Standards Division (SES), Mail Stop P-24, 12310 Sunrise Valley Drive, Reston, VA 20191-33490.)

DoD 2005.1M - Maritime Claims Reference Manual. United States Department of State, Office of the Geographer, "Limits of the Seas."

(Copies of the aforementioned publications are available from the Department of State, Office of the Geographer)

2.3 Non-Government publications. The following documents form a part of this document to the extent specified herein. Unless otherwise specified, the issues of the documents which are DoD adopted are those listed in the issue of the DODISS cited in the solicitation. Unless otherwise specified, the issues of documents not listed in the DODISS are the issues of the documents cited in the solicitation.

ISO 9660. 1988 (E). International Organization for Standardization Information Processing - Volume and File Structure of CD-ROM for Information Interchange.

(Application for copies should be addressed to the American National Standards Institute, 1430 Broadway, New York, NY 10018.)

Bureau of the Budget, United States National Map Accuracy Standard, GPO.

(This standard is printed in its entirety in Thompson, Morris M., Maps for America, USGS on p. 104, 3rd ed. 1988)

(Non-government standards and other publications are normally available from the organizations that prepare or distribute the documents. These documents also may be available in or through libraries or other information services.)

2.4 Order of precedence. In the event of a conflict between the text of this document and the references cited herein (except for related associated detail specifications, specification sheets) the text of this document takes precedence. Nothing in this document, however, supersedes applicable laws and regulations unless a specific exemption has been obtained.

3. REQUIREMENTS

3.1 First article. When specified (see 6.2), a sample shall be subjected to first article inspection in accordance with 4.2.

3.2 Accuracy.

3.2.1 Absolute horizontal accuracy. The difference between the recorded horizontal coordinates of features and their true positions; in this

comparison, both sets of coordinates shall be referenced to WGS84. Absolute horizontal accuracy is expressed as a circular error at 90 percent probability (.9p).

The absolute horizontal accuracy requirement for WVSPLUS data is that 90 percent of all identifiable shoreline features be located within 500 meters (2.0mm at 1:250,000 scale) circular error of their true geographic positions with respect to the preferred datum (WGS84). This requirement applies to the WVS250K library only; the horizontal accuracy of all other libraries is to be considered no better than 500 meters.

3.2.2 Absolute vertical accuracy. Bathymetric contours, found in the WVSPLUS Bathymetric Coverage (bat), were generated from NIMA's gridded Digital Bathymetric Data Base (DBDB). As a result, the vertical accuracy of bathymetric contours found in WVSPLUS is no better than the vertical accuracy of DBDB.

3.2.3 Relative accuracy. NIMA does not have a formal relative accuracy objective for this product.

3.3 Datum.

3.3.1 Horizontal datum. The horizontal datum shall be referenced to WGS84 as identified in DMA TR 8350.2.

3.3.2 Vertical datum. Shoreline (BA010) is referenced to Mean High Water. Hydrographic depths (BE015, BE019) are referenced to Mean Sea Level.

3.4 Units of measure. The WVSPLUS database employs the metric measurement system. Measurements shall be in meters. Coordinates are in decimal degrees.

3.5 WVSPLUS product description. This section provides information about the WVSPLUS database.

3.5.1 Database sources. The coastal shoreline feature is derived from Digital Landmass Blanking data, supplemented by Operational Navigation Charts (ONC) and Tactical Pilotage Charts (TPC). Other features are derived from the Joint Operations Graphic (JOG), ONC and TPC paper products. Offshore territorial boundaries are derived from baselines found in DoD 2005.1M, the Maritime Claims Reference Manual. The seaward extensions of International Boundaries were derived from the Department of State, Office of the Geographer, "Limits of the Seas." Bathymetric features were generated from NIMA's gridded 5-minute Digital Bathymetric Data Base (DBDB5).

3.5.2 Vector Product Format (VPF). The WVSPLUS database is implemented in Vector Product Format and conforms to MIL-STD-2407 for its data structure.

3.5.3 Database design. This product specification contains the database design and the feature content for a thematically layered, relationally structured database to support mission planning and other applications. The WVSPLUS database contains six libraries. The wvs250k library contains data derived from 1:250,000 scale source. The wvs001m, wvs003m, wvs012m, wvs040m and wvs120m libraries (collectively known as wvsxxxx) contain wvs250k data that has been thinned to represent 1:1,000,000, 1:3,000,000, 1:12,000,000, 1:40,000,000 and 1:120,000,000 scale data, respectively.

3.5.4 Thematic layer organization. The WVSPLUS libraries are organized into thematic layers. Each thematic layer is stored as a single coverage. TABLE 1 shows the coverages associated with each library. (Note that the Bathymetric coverage exists only in the wvs003m, wvs012m and wvs040m libraries.)

TABLE 1. WVSPLUS layers and coverage names.

| WVS250K library layers | Coverage name | WVSXXXX library layers | Coverage name |
|----------------------------------|---------------|-----------------------------|---------------|
| Coastlines/Countries/Oceans | coc | Coastlines/Countries/Oceans | coc |
| Maritime Boundaries | mab | Bathymetric ¹ | bat |
| Maritime Boundaries Supplemental | mbs | Names Placement | gazette |
| Names Placement | gazette | Tile Reference | tileref |
| Tile Reference | tileref | Library Reference | libref |
| Library Reference | libref | | |
| Data Quality | dqy | | |

¹bat coverage located in the wvs003m, wvs012m, and wvs040m Libraries

3.5.5 Feature coding scheme. The WVSPLUS database utilizes the Digital Geographic Information Exchange Standard (DIGEST), Part 4 - Feature and Attribute Coding Catalogue (FACC) (developed by the Digital Geographic Information Working Group (DGIWG) to support DIGEST) to define features, attributes, and attribute values.

3.5.6 Tiling scheme. The WVSPLUS database is a seamless database implemented using the World Geographic Reference System (GEOREF) described in DMA TM 8358.1. This system divides the surface of the earth into quadrangles, the sides of which are specific arc lengths of longitude and latitude; each quadrangle is identified by a simple systematic letter code giving positive identification with no risk of ambiguity. The following WVSPLUS coverages are tiled: bat, coc, mab, mbs. The remainder of the WVSPLUS coverages (dqy, gazette, tileref, libref) are untiled.

3.5.6.1 Tile sizes. The tile sizes for each WVSPLUS library are shown in TABLE 2. Each library's tileref coverage defines the tiling scheme implemented. The same tiling scheme must be implemented for all tiled coverages contained within a particular library. Regardless of the tiling scheme, the GEOREF naming convention described in 3.5.6.2 is used to identify each tile based on its lower-left (southwest) corner. Primitives for each tile are stored in directories with names based on the tile's GEOREF identifier. For example, WVSPLUS\WVS250K\MAB\M\K\AA is the name of the directory containing primitives for a tile in the mab coverage with a GEOREF identifier of MKAA. Note that the wvs250k library implements what is known as an adaptive tiling scheme. The wvs250k library is delineated into either 1° X 1° or 5° X 5° tiles depending on data density.

TABLE 2. WVSPLUS tile sizes

| Library | Tile size long X lat |
|----------------|---------------------------------|
| wvs250k | 5° X 5° or 1° X 1° |
| wvs001m | 10° X 5° |
| wvs003m | 10° X 10° |
| wvs012m | 30° X 30° |
| wvs040m | 30° X 30° |
| wvs120m | 30° X 30° |

3.5.6.2 GEOREF description. There are 24 longitudinal zones each of 15 degrees width extending eastward from the 180° meridian around the globe through 360 degrees of longitude. These zones are lettered from A to Z inclusive (omitting I and O). There are 12 bands of latitude each of 15 degrees height, extending northward from the South Pole. These bands are lettered from A to M inclusive (omitting I) northward from the South Pole. This referencing system divides the earth's surface into 288 15-degree quadrangles, each of which is identified by a pair of letters. The first letter is that of the longitude zone and the second letter that of the latitude band.

Each 15-degree quadrangle can be divided into a maximum of 15 one-degree bands of longitude and 15 one-degree bands of latitude. Starting from the western edge of the 15-degree quadrangle and moving east, the longitudinal bands are lettered from A to Q (omitting I and O). The latitudinal bands are similarly lettered from A to Q (omitting I and O) starting from the southern edge of the 15-degree quadrangle and moving north. These longitude and latitude bands partition every 15-degree quadrangle into a maximum of 225 one-degree zones, each of which, can be identified by two letters. The first letter identifies the one-degree longitude band and the second letter identifies the one-degree latitude band.

Thus, 4 letters will positively identify any one-degree zone in the world. The first pair of letters references the 15-degree quadrangle. The second pair of letters uniquely identifies the one-degree zone within the 15-degree quadrangle.

For the wvs250k library, each 15-degree quadrangle is subdivided into 5° X 5° tiles, 1° X 1° tiles, or some combination of both. Regardless of how each 15-degree quadrangle is subdivided, the tiles are identified based on the name of the one-degree zone in the lower-left (southwest) corner of the tile (see Figure 1). Tiles in the other WVSPLUS libraries are similarly identified based on the name of the one-degree zone in the lower-left (southwest) corner of the tile.

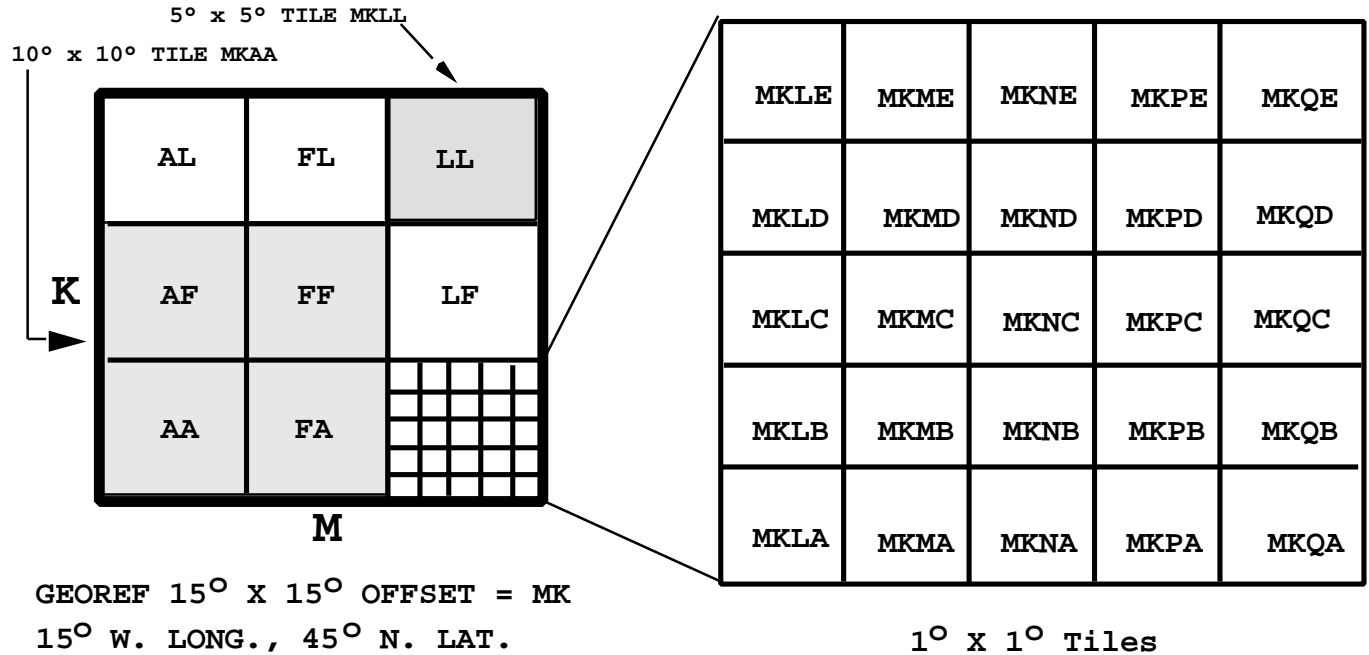


FIGURE 1. Tiling scheme example from the GEOREF offset "MK".

3.5.7 Geographic organization. The WVSPLUS database is divided into six tiled libraries based on scale, each having worldwide coverage.

3.5.8 GIS analysis. The WVSPLUS database is topologically structured and may support GIS analysis; however, in order to perform GIS functions, the WVSPLUS database must be used with GIS software. The kind of GIS functions possible depends upon the specific GIS software used to access the database. The WVSPLUS database is not a GIS. However, the WVSPLUS database can be a component of a GIS when combined with separate GIS application software.

3.5.9 Minimum hardware specification. The WVSPLUS database may be accessed by any hardware system that includes a CD-ROM reader that supports the ISO 9660 interface.

3.5.10 File structure. The WVSPLUS database shall utilize the standard Disk Operating System (DOS) directory structure and file naming conventions as identified in the VPF Military Standard. Note that the VPF Military Standard requires files and column names be represented by lower case letters. However, in many instances this document represents these in upper case letters for ease of readability.

3.6 WVSPLUS structure levels. The WVSPLUS database organizes geographic data into four VPF structure levels: Database, Library, Coverage, and Feature Class (FIGURE 2). The Database, Library, and Coverage levels are represented as directories. The Feature Class level is represented by a group of files stored at the Coverage level. A feature class is defined as a group of features that share a homogeneous set of attributes and consists of one or more primitive tables and one or more attribute tables. If a coverage is tiled, these primitive tables are stored in subdirectories of the coverage directory.

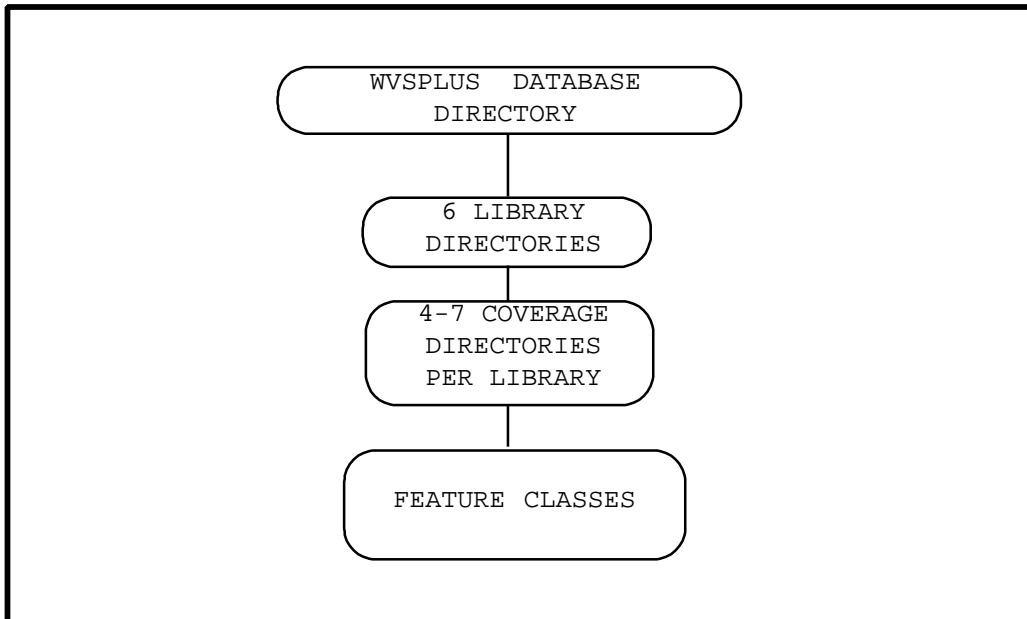


FIGURE 2. VPF structure levels and WVSPLUS implementation.

3.6.1 Database structure level.

3.6.1.1 Database-level directories. The WVSPLUS database contains one database directory. The database name is represented as a directory named "WVSPLUS".

3.6.1.2 Database-level VPF tables. The VPF tables implemented at the database level take the form of a VPF attribute table. These tables are a Database Header Table (dht) and a Library Attribute Table (lat). The structure and contents of the WVSPLUS database-level tables are described in section 3.8.1.

3.6.2 Library structure level. A library is defined as a collection of coverages sharing the same tiling structure and coordinate system. Each library name is also represented as a directory name. The contents of these libraries are described in section 3.8.2.

3.6.2.1 Library-level directories. The WVSPLUS database contains six library directories: wvs250k, wvs001m, wvs003m, wvs012m, wvs040m and wvs120m.

3.6.2.2 Library-level VPF tables. The VPF tables implemented at the library level take the form of a VPF attribute table. These tables contain metadata information and include the following tables: library header table (lht), geographic reference table (grt), and coverage attribute table (cat). The structure and contents of the wvs250k library tables are described in 3.8.3.

3.6.3 Coverage structure level. A coverage is composed of one or more feature class types stored in a coverage directory. Depending upon the feature classes comprising the coverage, the type(s) of feature tables contained in a WVSPLUS coverage directory may include area, line, point and text. Likewise, the type(s) of primitive (and associated) table(s) stored in the coverage directory (or tile sub-directory, if tiled) depend upon the

primitive types implemented. These tables include face, ring, edge, entity node, connected node and text.

3.6.3.1 Coverage-level directories. Each coverage name is also represented as a directory name. The coverage names in the WVS250K library are coc (Coastlines/Countries/Oceans), mab (Maritime Boundaries), mbs (Maritime Boundaries Supplemental), dqy (Data Quality), gazette (Names Placement), tileref (Tile Reference) and libref (Library Reference). The coverage names in the wvs001m and wvs120m libraries are coc, gazette, tileref and libref. The coverage names in the wvs003m, wvs012m and wvs040m libraries include these four, plus bat (Bathymetric).

3.6.3.2 Coverage-level VPF tables. For the WVSPLUS database, the VPF tables stored at coverage level include a feature class schema table (fcs), character value description table (char.vdt), and integer value description table (int.vdt), as well as feature tables. In addition, the mab and mbs coverages contain a notes related attribute table (notes.rat) and notes join table (mabline.njt, mbsline.njt).

3.6.3.3 Coverage topology. The topology level of each coverage is defined by the types of feature classes cited in this specification. The topology level of each coverage is specified in the coverage attribute table (cat) (section 3.8.3.3). Topology between coverages is not stored.

3.6.4 Feature class structure level. Feature classes are stored in coverage directories. Feature classes represent a thematic grouping of data expressed by the combination of feature tables, attribute tables and primitive tables.

3.6.4.1 Feature class. A feature class is logically composed of at least two tables: a feature table and a primitive table. Feature class definitions are product specific. For example, in the mab coverage, the line feature class description is maritime boundary lines. The feature class name is mabline. This feature class is composed of the maritime boundary line feature table (mabline.lft) which defines the attributes, and the related set of edge primitives in the edge table (edg). These attributes and primitives compose the maritime boundary line feature class.

3.6.4.2 Point feature class. A point feature class contains a point feature table in combination with an entity node or connected node table.

3.6.4.3 Line feature class. A line feature class is composed of an line feature table in combination with an edge table.

3.6.4.4 Area feature class. An area feature class is composed of an area feature table and a face table. For example, the mab area feature class is composed of faces and the attributes from the mab area feature table. The attributes in the mab area feature table contain the appropriate FACC code and name of the area.

3.6.4.5 Text feature class. A text feature class is composed of a text feature table and text primitive table. All text in the WVSPLUS (both at the feature and primitive level) will be limited to characters found in the Latin alphabet primary code table, Figure 24 in MIL-STD-2407.

3.6.5 Primitives. There are three geometric primitives: node, edge and face. There are two types of nodes: entity nodes and connected nodes. There is one cartographic primitive: text. See MIL-STD-2407 for additional information about primitives and respective tables.

3.6.5.1 Entity node primitive. The coordinates for entity nodes are stored in entity node tables. Entity nodes may not occur on an edge, and are topologically linked to a containing face in a level 3 topology coverage. In WVSPLUS database, entity nodes represent point features in the Names Placement (gazette) coverage.

3.6.5.2 Connected node primitive. The coordinates for connected nodes are stored in connected node tables. Connected nodes are nodes that occur at either end of an edge and are topologically linked to edges. Connected nodes are placed at edge-tile intersections and are required to support cross-tile topology (see MIL-STD-2407). There are no point features in the WVSPLUS database modeled with connected nodes.

3.6.5.3 Edge primitive. The coordinates for edge vertices are stored in edge tables. Edges are topologically linked to the nodes at the end of each edge. Edges are also topologically linked to the faces on each side of an edge in a topology level 3 coverage. In the WVSPLUS database, edges represent linear features such as coastal shorelines. Edges also define the borders of faces, which represent area features such as demilitarized zones.

3.6.5.4 Face primitive. Faces are areas enclosed by edges. All faces are defined by the set of edges composing the face border. All faces are topologically linked to the edge table and ring table. In the WVSPLUS database, faces represent such area features as demilitarized zones.

3.6.5.5 Text primitive. The text primitive is composed of the text string and the shape line. Text does not participate in topology. In the WVSPLUS database, text is implemented to allow the representation of names associated with countries.

3.7 WVSPLUS files. The WVSPLUS implements the three types of VPF files defined in MIL-STD-2407: tables, indexes and directories. The spatial index "bucket size" shall be eight.

3.8 WVSPLUS database record layout. The tables implemented at each structure level of the WVSPLUS database are presented in the following order (TABLE 3): database, library, coverage, and feature class (including primitives). When, for purposes of clarity, it is not feasible to include a complete table, an example table is provided. Thematic indexes are associated with a variety of columns in feature tables.

TABLE 3. Table descriptions, names, indexes by structure level.

| Structure level | Table description | Table name | Index |
|--|-----------------------------------|----------------------------|--|
| WVSPLUS DATABASE | Database Header Table | dht | - |
| | Library Attribute Table | lat | - |
| | Database disclaimer table | disclaim.doc | disclaim.dox |
| | Lineage narrative table | lineage.doc | lineage.dox |
| WVSPLUS LIBRARY | Library Header Table | lht | - |
| | Geographic Reference Table | grt | - |
| | Coverage Attribute Table | cat | cax |
| COVERAGE (mab, mbs only) (mab, mbs only) | Feature Class Schema Tables | fcs | fcz |
| | Character Value Description Table | char.vdt | char.vdx |
| | Integer Value Description Table | int.vdt | int.vdx |
| | Notes related attribute table | notes.rat | notes.rax |
| | Notes join table | mabline.njt mbsline.njt | lft_id.nti, rat_id.nti lft_id.nti, rat_id.nti |
| FEATURE CLASS | Area Feature Tables | *.aft | *.ati |
| | Line Feature Tables | *.lft | *.lti |
| | Point Feature Tables | *.pft | *.pti |
| | Text Feature Tables | *.tft | *.tti |
| | Narrative Tables | *.doc | - |
| PRIMITIVE | Face Primitive Tables | fac | fsi |
| | Face Bounding Rectangle Tables | fbr | - |
| | Edge Primitive Tables | edg | edx, esi |
| | Edge Bounding Rectangle Tables | ebr | - |
| | Entity Node Primitive Tables | end | nsi |
| | Connected Node Primitive Tables | cnr | cnx, csi |
| | Ring Tables | rng | - |
| | Text Primitive Tables | txt | txx, tsi |

* feature class name (see TABLES 28-33)

3.8.1 Database directory contents. The WVSPLUS is one database with multiple libraries. Two required VPF files are implemented at the database level. These are the database header table (dht) and the library attribute table (lat). Metadata pertaining to WVSPLUS data are contained in the database header table.

3.8.1.1 Database header table (dht). This table contains information about the contents of the database and security information. The schema for the database header table is presented in TABLE 4.

TABLE 4. Schema for database header table (dht).

| Column name | Column name description | Record entry | Column definition |
|----------------|---|--|-------------------|
| id | Row Id | 1 | I,1,P |
| vpf_version | VPF version number | 9606 | T,10,N |
| database_name | Directory name of the database | wvsplus | T,8,N |
| database_desc | Text description of the database | VPF World Vector Shoreline database | T,100,N |
| media_standard | Media standard used for the database | ISO 9660 | T,20,N |
| originator | Text for title of originator | NATIONAL IMAGERY AND MAPPING AGENCY | T,50,N |
| addressee | Text for title and address of addressee | Director, NIMA, ATTN: COD, MS P-37, 4600 Sangamore Road, Bethesda, MD 20816-5003 | T,100,N |
| media_volumes | Number of media volumes comprising the database | 1 | T,4,N |
| seq_numbers | Sequential number(s) for each media volume in this database | 1 | T,4,N |
| num_data_sets | Number of libraries within the database | 6 | T,4,N |
| security_class | Security classification of database | U | T,1,N |
| downgrading | Originator's permission for downgrading required (yes or no) | No | T,3,N |
| downgrade_date | Date of downgrading | [Null] | D,1,N |
| releasability | Releasability restrictions | Unrestricted | T,20,N |
| other_std_name | Free text note of other standards compatible with this database | DIGEST | T,50,N |
| other_std_date | Publication date of other standard | 00000000000000. | D,1,N |
| other_std_ver | Other standard amendment number | 1 | T,10,N |
| transmittal_id | Unique id for this database | 1 | T,1,N |
| edition_number | Edition number for this database | 1 | T,10,N |
| edition_date | Creation date of this database | 00000000000000. | D,1,N |

3.8.1.2 Library attribute table (lat). The library attribute table (TABLES 5 and 6) contains six columns describing the row id, name and geographic extent for each library in the database.

TABLE 5. Schema for library attribute table (lat).

| Column name | Column name description | Column definition |
|--------------|-------------------------|-------------------|
| id | Row id | I,1,U |
| library_name | The library name | T,8,P |
| xmin | Westernmost Longitude | F,1,N |
| ymin | Southernmost Latitude | F,1,N |
| xmax | Easternmost Longitude | F,1,N |
| ymax | Northernmost Latitude | F,1,N |

TABLE 6. Library attribute table (lat).

| id | library_name | xmin | ymin | xmax | ymax |
|----|--------------|-------|------|------|------|
| 1 | wvs250k | -180. | -90. | 180. | 90. |
| 2 | wvs001m | -180. | -90. | 180. | 90. |
| 3 | wvs003m | -180. | -90. | 180. | 90. |
| 4 | wvs012m | -180. | -90. | 180. | 90. |
| 5 | wvs040m | -180. | -90. | 180. | 90. |
| 6 | wvs120m | -180. | -90. | 180. | 90. |

3.8.1.3 Database disclaimer table. The database disclaimer table is intended for display each time the database is accessed (TABLES 7 and 8).

TABLE 7. Schema for database disclaimer table.

| Column name | Column name description | Column definition |
|-------------|-------------------------|-------------------|
| id | Row Identifier | I,1,P |
| text | Feature Specific Notes | T,*,N |

TABLE 8. WVSPLUS database disclaimer table.

| id | text |
|----|---|
| 1 | NOT TO BE USED FOR NAVIGATION |
| 2 | The representation of international boundaries and maritime limits is not necessarily authoritative and does not necessarily represent an official acceptance by the United States Government of the limits claimed. |
| 3 | Some sea extensions of the international boundaries could not be derived from the Department of State, Limits of the Seas, series or the DOD Maritime Claims Reference Manual and therefore had to be geometrically derived. |
| 4 | The shoreline is referenced to Mean High Water. |
| 5 | WVSPLUS® computes a 12-mile territorial sea boundary measured from the coastline or, when present, a <u>claimed</u> straight baseline. This claimed straight baseline may or may not be recognized by the United States, therefore, the depicted 12-mile territorial sea boundary may or may not be recognized by the United States; in part or in its entirety |
| 6 | © Copyright 1994 by the United States Government. No copyright claimed under Title 17 U.S.C. |

3.8.1.4 Lineage narrative table. The lineage.doc table provides a textual description of processes used to build and generate the database. The lineage.doc file will contain such information as special processing techniques and verification procedures. The information is generally common to all libraries.

TABLE 9. Schema for lineage narrative table.

| Column name | Column name description | Column definition |
|-------------|-------------------------|-------------------|
| id | Row Identifier | I,1,P |
| text | Text Information | T,* ,N |

3.8.2 Library directory contents. WVSPLUS libraries shall contain the same minimum set of required VPF files; however, they do not contain the same coverages. The coverage names for the WVSPLUS libraries are listed in TABLE 13. A library is defined as a collection of coverages sharing the same coordinate system, and when tiled, tiling scheme. All WVSPLUS libraries contain tiled coverages.

3.8.3 Library-level contents. Each WVSPLUS library is a directory containing VPF tables and coverages. There are three VPF tables: library header table (lht), geographic reference table (grt) and coverage attribute table (cat). There are four to seven coverage directories, in each library. The coverages are listed in the cat.

3.8.3.1 Library header table (lht). Each WVSPLUS library contains a library header table. This table contains identifying information such as the name of the library, sources, scale, and security information. The schema for the WVS250K library header table is presented in TABLE 10.

TABLE 10. Schema for wvs250k library header table (lht).

| Column name | Column name description | Record entry | Column definition |
|------------------|--|--|-------------------|
| id | Row id | 1 | I,1,P |
| product_type | Series designator of product type | WVSPLUS | T,12,N |
| library_name | Name of library | WVS250K | T,12,N |
| description | Text description of library | World Vector Shoreline and ancillary data at 1:250,000 scale | T,100,N |
| data_struct_code | Highest level code for the library | 8 | T,1,N |
| scale | Source scale of the library | 250000 | I,1,N |
| source_series | Series designator | 2GC | T,15,N |
| source_id | Source id | WVS | T,30,N |
| source_edition | Source edition number | MIL-W-89012 | T,20,N |
| source_name | Full name of source document | Military Specification - World Vector Shoreline | T,100,N |
| source_date | Significant date | 19900727000000. | D,1,N |
| security_class | Security classification | U | T,1,N |
| downgrading | Originator's permission for downgrading required (yes or no) | No | T,3,N |
| downgrading_date | Date of downgrading (null if answer to previous entity is yes) | [Null] | D,1,N |
| releasability | Releasability restrictions | Unrestricted | T,20,N |

¹Record entries shown are for sample information, actual content may vary.

3.8.3.2 Geographic reference table (grt). Each WVSPLUS library contains a geographic reference table. This table contains the geographic parameters, and projection information about the library (TABLE 11).

TABLE 11. Schema for geographic reference table (grt).

| Column name | Column name description | Record entry | Column definition |
|------------------|--|-----------------------------------|-------------------|
| id | Row id | 1 | I,1,P |
| data_type | Type of data in the library | GEO | T,3,N |
| units | Units of measure code for library | M | T,3,N |
| ellipsoid_name | Name of ellipsoid of the library | WGS84 | T,15,N |
| ellipsoid_detail | Details about library ellipsoid including ellipsoid code | A=6378137, B=6356752, Meters, WGE | T,50,N |
| vert_datum_name | Name of vertical reference | Mean Sea Level | T,15,N |
| vert_datum_code | Code of vertical datum reference | 015 | T,4,N |
| sound_datum_name | Name of sounding datum | Mean Sea Level | T,15,N |
| sound_datum_code | Code of sounding datum reference | 015 | T,4,N |
| geo_datum_name | Name of geodetic datum | WGS84 | T,15,N |
| geo_datum_code | Code of geodetic datum | WGE | T,4,N |
| projection_name | Name of the projection | Dec. Deg. (unproj.) | T,20,N |

3.8.3.3 Coverage attribute table (cat). Each WVSPLUS library contains a coverage attribute table. This table (TABLES 12 and 13) contains four columns: Row id, coverage name, coverage description, and topology level. For a discussion of topology level, refer to MIL-STD-2407 paragraph 5.2.2.3.1 .

TABLE 12. Schema for WVSPLUS coverage attribute table (cat).

| Column name | Column name description | Column definition |
|---------------|-------------------------|-------------------|
| id | Row id | I,1,U |
| coverage_name | The coverage name | T,8,P |
| description | Coverage description | T,*,N |
| level | The topology level | I,1,N |

TABLE 13. Composite WVSPLUS coverage attribute table (cat).

| id | coverage_name | description | level |
|----|------------------|-------------------------------------|-------|
| 1 | bat ¹ | Bathymetric | 3 |
| 2 | coc | Coastlines/Countries/Oceans | 3 |
| 3 | mab ² | Maritime Boundaries | 3 |
| 4 | mbs ² | Maritime Boundaries Supplemental | 2 |
| 5 | dqy ² | Data Quality | 3 |
| 6 | gazette | Names Placement | 0 |
| 7 | tileref | Tile Reference | 3 |
| 8 | libref | Library Reference | 2 |

¹wvs003m, wvs012m and wvs040m only

²wvs250k only

3.8.3.4 Tileref and libref coverages. The WVSPLUS data are partitioned in systematic tile structures using the World Geographic Reference System as described in paragraph 3.5.6.2. Both the tile reference coverage (tileref) and the library reference coverage (libref) are mandatory for tiled libraries. Tileref contains an area feature table and primitive tables which relate the tile names and areas. Libref contains a line feature table and primitive tables needed to draw a small scale depiction of the coverage considered most significant to the library used to orient the user to library location in the database or the world. For more information on these two additional coverages, see MIL-STD-2407 paragraphs 5.2.2.4.1 and 5.2.2.4.4.

3.8.3.5 Gazette coverage. The gazette (Names Placement) coverage is the third reference coverage implemented in each WVSPLUS library. The Names Placement coverage provides the user with a way to locate a place in a library by using a place name. The WVSPLUS implementation of the gazette coverage is described in Appendix B section B.3.7. For more information on the Names Placement coverage, see MIL-STD-2407 paragraphs 5.2.2.4.6 and 5.3.9 .

3.8.4 Coverage directory contents. The WVSPLUS database contains coverages in each of the WVSPLUS libraries. A coverage consists of the metadata tables identified in paragraph 3.6.3.2 as well as feature tables and their associated primitive tables.

3.8.5 Coverage contents. Each coverage must contain a feature class schema table and at least one feature class. In addition, there may be value description tables, related attribute tables, join tables and various indexes.

3.8.5.1 Feature class schema table (fcs). Each coverage contains one feature class schema table (fcs). The fcs defines the feature classes in a coverage and describes the way in which each table in a feature class is related to another. The fcs also defines the table-to-table relationships for join tables and related attribute tables. The fcs tables for the WVSPLUS coverages are defined in Appendix B.

TABLE 14. Schema for feature class schema table (fcs).

| Column name | Column name description | Column definition |
|---------------|------------------------------------|-------------------|
| id | Row id | I,1,P |
| feature_class | Name of feature class | T,8,N |
| table1 | The first table in a relationship | T,12,N |
| table1_key | Join column name in first table | T,*,N |
| table2 | The second table in a relationship | T,12,N |
| table2_key | Join column name in second table | T,*,N |

3.8.5.2 Value description tables (vdt). An integer or character value description table (vdt) relates to associated feature class tables within a coverage. There is no more than one of each kind of vdt per coverage. The vdt acts as a look-up table for feature class attributes that contain coded values. Schema for the vdt is presented in TABLE 15, and an example integer vdt is presented in TABLE 16.

TABLE 15. Schema for value description table (vdt).

| Column name | Column name description | Column definition |
|-------------|---------------------------|-------------------|
| id | Row id | I,1,P |
| table | Name of the feature table | T,12,N |
| attribute | Column name | T,16,N |
| value | Unique value of attribute | T,5,N / S,1,N* |
| description | Description of attribute | T,*,N |

*T,5,N for char.vdt; S,1,N for int.vdt

TABLE 16. Example value description table (int.vdt).

| id | table | attribute | value | description |
|----|-------------|-----------|-------|---------------------|
| 1 | cocline.lft | bst | 0 | Unknown |
| 2 | cocline.lft | bst | 1 | Definite |
| 3 | cocline.lft | bst | 2 | Indefinite |
| 4 | cocline.lft | bst | 3 | In dispute |
| 5 | cocline.lft | bst | 4 | No defined boundary |

3.8.5.3 Notes related attribute tables and notes join table. The mab and mbs coverages shall contain one notes related attribute table and one notes join table. These tables allow notes available for various lines to be joined to the features to which they apply. Schema for the tables are provided in TABLES 17 and 18, and examples of the tables are provided in TABLES 19 and 20.

TABLE 17. Schema for notes related attribute table.

| Column name | Column name description | Column definition |
|-------------|-------------------------|-------------------|
| id | Row id | I,1,P |
| text | Feature specific notes | T,*,N |

TABLE 18. Schema for notes join table.

| Column name | Column name description | Column definition |
|-------------------|--|-------------------|
| id | Row id | I,1,P |
| *_id ¹ | Foreign key to feature table | I,1,N |
| rat_id | Foreign key to notes related attribute table | S,1,N |

¹ The asterisk is replaced with mbsline.lft or mabline.lft

TABLE 19. Example notes related attribute table.

| id | text |
|----|--|
| 1 | Seaward extension of the boundary between Iran and Iraq is not... |
| 2 | Be advised that People's Republic of China does not recognize... |
| 3 | This baseline has been imposed to remove the coastline of Tokyo's... |

TABLE 20. Example notes join table.

| id | feature_id | rat_id |
|----|------------|--------|
| 1 | 2 | 3 |
| 2 | 4 | 3 |
| 3 | 5 | 1 |
| 4 | 7 | 2 |
| 5 | 10 | 1 |
| 6 | 17 | 3 |

3.8.6 Feature class level. All tables in the feature class level are stored in the appropriate coverage directory; primitives are stored in tile sub-directories in tiled coverages. Feature classes in the WVSPLUS database contain sets of features that have similar attributes and have the same primitive type (there are no complex features). The area, line, point, and text primitive tables implemented in each coverage are indicated in TABLES 21-26, along with the valid feature tables.

TABLE 21. wvs250k library feature and primitive tables by coverage.

| Thematic Layer | Coverage Name | Feature Tables(s) | Primitive Tables | Appendix Section |
|--|----------------------|---|--------------------------|-------------------------|
| Coastlines/ Countries/Oceans | coc | cocarea.aft cocline.lft coctext.tft | fac edg cnd txt | B.3.3 |
| Maritime Boundaries | mab | mabarea.aft mabline.lft mabtext.tft | fac edg cnd txt | B.3.4 |
| Maritime Boundaries Supplemental | mbs | mbsline.lft | edg cnd | B.3.5 |
| Data Quality | dqy | dqyarea.aft | fac edg cnd | B.3.6 |
| Names Placement | gazette | gazette.pft | end | B.3.7 |
| Tile Reference | tileref | tileref.aft | fac edg cnd | B.3.8 |
| Library Reference | libref | libref.lft | edg cnd | B.3.9 |

TABLE 22. wvs001m library feature and primitive tables by coverage.

| Thematic Layer | Coverage Name | Feature Tables(s) | Primitive Tables | Appendix Section |
|---------------------------------|----------------------|---|--------------------------|-------------------------|
| Coastlines/ Countries/Oceans | coc | cocarea.aft cocline.lft coctext.tft | fac edg cnd txt | B.3.3 |
| Names Placement | gazette | gazette.pft | end | B.3.7 |
| Tile Reference | tileref | tileref.aft | fac edg cnd | B.3.8 |
| Library Reference | libref | libref.lft | edg cnd | B.3.9 |

TABLE 23. wvs003m library feature and primitive tables by coverage.

| Thematic Layer | Coverage Name | Feature Tables(s) | Primitive Tables | Appendix Section |
|---------------------------------|----------------------|---|--------------------------|-------------------------|
| Bathymetric | bat | batarea.aft batline.lft | fac edg cnd | B.3.2 |
| Coastlines/ Countries/Oceans | coc | cocarea.aft cocline.lft coctext.tft | fac edg cnd txt | B.3.3 |
| Names Placement | gazette | gazette.pft | end | B.3.7 |
| Tile Reference | tileref | tileref.aft | fac edg cnd | B.3.8 |
| Library Reference | libref | libref.lft | edg cnd | B.3.9 |

TABLE 24. wvs012m library feature and primitive tables by coverage.

| Thematic Layer | Coverage Name | Feature Tables(s) | Primitive Tables | Appendix Section |
|---------------------------------|----------------------|---|--------------------------|-------------------------|
| Bathymetric | bat | batarea.aft batline.lft | fac edg cnd | B.3.2 |
| Coastlines/ Countries/Oceans | coc | cocarea.aft cocline.lft coctext.tft | fac edg cnd txt | B.3.3 |
| Names Placement | gazette | gazette.pft | end | B.3.7 |
| Tile Reference | tileref | tileref.aft | fac edg cnd | B.3.8 |
| Library Reference | libref | libref.lft | edg cnd | B.3.9 |

TABLE 25. wvs040m library feature and primitive tables by coverage.

| Thematic Layer | Coverage Name | Feature Tables(s) | Primitive Tables | Appendix Section |
|---------------------------------|----------------------|---|--------------------------|-------------------------|
| Bathymetric | bat | batarea.aft batline.lft | fac edg cnd | B.3.2 |
| Coastlines/ Countries/Oceans | coc | cocarea.aft cocline.lft coctext.tft | fac edg cnd txt | B.3.3 |
| Names Placement | gazette | gazette.pft | end | B.3.7 |
| Tile Reference | tileref | tileref.aft | fac edg cnd | B.3.8 |
| Library Reference | libref | libref.lft | edg cnd | B.3.9 |

TABLE 26. wvs120m library feature and primitive tables by coverage.

| Thematic Layer | Coverage Name | Feature Tables(s) | Primitive Tables | Appendix Section |
|---------------------------------|---------------|---|--------------------------|------------------|
| Coastlines/ Countries/Oceans | coc | cocarea.aft cocline.lft coctext.tft | fac edg cnd txt | B.3.3 |
| Names Placement | gazette | gazette.pft | end | B.3.7 |
| Tile Reference | tileref | tileref.aft | fac edg cnd | B.3.8 |
| Library Reference | libref | libref.lft | edg cnd | B.3.9 |

3.8.7 Primitive tables. Schemas for the primitive tables used in WVSPLUS are provided in TABLES 27-31. The feature table id column is not present in the primitive tables for the gazette and libref coverages. The placeholder (*) in this column name is filled by the appropriate feature class name. Note there is no feature table id column for the connected node table because no connected node features are present in WVS. Primitive records that have no feature table relation should contain a null value in the feature table id column, if present. See MIL-STD-2407 for detailed information on primitives.

TABLE 27. Schema for entity node primitive table (end).

| Column name | Column name description | Column definition |
|-------------|-------------------------|-------------------|
| id | Entity node primary key | I,1,P |
| *.pft_id | Feature id reference | I,1,N |
| coordinate | Entity node coordinates | C,1,N |

Note: Entity nodes occur only in the Gazette coverage, which is topology level 0. Therefore, the containing face column has been removed from the table.

TABLE 28. Schema for connected node primitive table (cnd).

| Column name | Column name description | Column definition |
|-------------|--|---------------------|
| id | Connected node primary key | I,1,P |
| first_edge | Edge key (foreign key to the edge table) | K ¹ ,1,N |
| coordinate | Connected node coordinates | C,1,N |

¹ Column type "K" is implemented for coverages that are tiled. For untiled coverages the column type is defined as "I." See section 3.5.6 for tiling scheme.

TABLE 29. Schema for edge primitive table (edg).

| Column name | Column name description | Column definition |
|-------------------------|---|---------------------|
| id | Edge primary key | I,1,P |
| *.lft_id | Line feature table id | I,1,N |
| start_node | Start node (foreign key to the node primitive) | I,1,N |
| end_node | End node (foreign key to the node primitive) | I,1,N |
| right_face ² | Right face (foreign key to the face primitive) | K ¹ ,1,N |
| left_face ² | Left face (foreign key to the face primitive) | K ¹ ,1,N |
| right_edge | Right edge from end node (foreign key to edge primitive) | K ¹ ,1,N |
| left_edge | Left edge from start node (foreign key to edge primitive) | K ¹ ,1,N |
| coordinates | Edge coordinates | C,*,N |

¹ Column type "K" is implemented for coverages that are tiled. For untiled coverages the column type is defined as "I." See section 3.5.6 for tiling scheme.

² The right_face and left_face columns are required only for coverages with level 3 topology.

TABLE 30. Schema for ring table (rng).

| Column name | Column name Description | Column definition |
|-------------|--|-------------------|
| id | Ring primary key | I,1,P |
| face_id | Face id (row id from face table) | I,1,N |
| start_edge | First edge in the ring (foreign key to edge primitive) | I,1,N |

TABLE 31. Schema for minimum bounding rectangle edge or facetable(ebr or fbr).

| Column name | Column name Description | Column definition |
|-------------|-------------------------|-------------------|
| id | Row id | I,1,P |
| xmin | Minimum x coordinate | F,1,N |
| ymin | Minimum y coordinate | F,1,N |
| xmax | Maximum x coordinate | F,1,N |
| ymax | Maximum y coordinate | F,1,N |

TABLE 32. Schema for face primitive table (fac).

| Column name | Column name description | Column definition |
|-------------|---|-------------------|
| id | Face primary key | I,1,P |
| *.aft_id | Area feature table id | I,1,N |
| ring_ptr | Ring pointer (can be used as foreign key to ring table) | I,1,N |

TABLE 33. Schema for text primitive table (txt).

| Column name | Column name description | Column definition |
|-------------|-------------------------|-------------------|
| id | Text primary key | I,1,P |
| *.tft_id | Text feature id | I,1,N |
| string | The text string | T,*N |
| shape_line | The shape line | C,*N |

3.9 Cartographic considerations for WVSPLUS database.

3.9.1 Source. Coastal shorelines and international boundaries are derived from the WVS database (refer to MIL-W-89012). Maritime boundaries are derived from the Maritime Claims Reference Manual (DoD Manual 2005.1M). These boundaries have been built especially for inclusion in the WVS250K library only. Bathymetric data are obtained from the 5-minute Digital Bathymetric Database (DBDB5). Bathymetric data occurs only in the WVS003M, WVS012M, and WVS040M libraries.

3.9.2 Compilation scale. The nominal scale of the WVSPLUS product is 1:250,000, from which five additional depictions have been generalized (1:1,000,000, 1:3,000,000, 1:12,000,000, 1:40,000,000 and 1:120,000,000).

3.9.3 Polygon size. The size of features collected from source materials shall be in conformance with the inclusion conditions and attribute value(s) set forth in Appendix B.

3.10 WVSPLUS projection. The WVSPLUS data is presented as unprojected in decimal degrees.

3.11 Symbology. The display symbology used for the WVSPLUS database is defined by the particular software application that will be utilized.

3.12 Distribution medium VPF based products, including WVSPLUS, shall be distributed on CD-ROM disc implementing ISO 9660 for CD-ROM formatting. The WVSPLUS package shall contain one CD-ROM with associated documentation

3.12.1 CD-ROM labeling and packaging. CD-ROM labeling, and labeling on the cardboard sleeve, or jewel case liner/information booklet, as applicable, shall be in accordance with NIMA Instruction NI-8955.1, NIMA CD-ROM Labeling and Packaging. Method of packaging (cardboard sleeve or jewel case) shall be as specified in the contract (see 5.1).

3.12.2 Product specific items. The CD label shall contain the following information:

- a. Product description: World Vector Shoreline Plus
- b. Product series: WVSPLUS®
- c. Item number: The NIMA item name/number
- d. Edition number: Three digit edition number with left filled zeroes
- e. National Stock Number: Assigned as per MIL-STD-2414
- f. Date produced: Product completion date (i.e. 15 DEC 96)

3.12.3 Volume identifier. This should be identical to the eleven characters of the Volume Identifier (first eleven characters of the ISO 9660 Volume Identifier (32 characters available)) written on the header of the disk (see MIL-HDBK-9660).

3.12.4 Information booklet. Information booklets shall be provided. Labeling of the information booklet covers shall be in accordance NIMA Instruction NI-8955.1. When used in conjunction with the jewel case, the front cover of the information booklet also serves as the front cover of the case.

3.12.4.1 Information booklet text. The interior pages of the information booklet shall contain the following statements:

1. Introduction: World Vector Shoreline Plus (WVSPLUS®) consist of a single worldwide database composed of six libraries built to represent various resolutions. The libraries are WVS250K, WVS001M, WVS003M, WVS012M, WVS040M, and WVS120M. The WVS250K library contains data derived from 1:250,000 scale source; the remaining libraries contain WVS250K data thinned to represent the various scales.

2. Purpose: The WVSPLUS[®] database is intended for use as general purpose data that can support low to medium resolution GIS applications. The design of the data supports mission planning and military command and control systems. It may also be used as a background display for other geographic data. The WVSPLUS[®] is intended for use by military and civilian branches of the government.

3. Specification and Standards: This Compact Disc - Read Only Memory (CD-ROM) was produced under Department of Defense Specification MIL-PRF-0089012A(NIMA), World Vector Shoreline Plus (WVSPLUS[®]). Data format is in accordance with Department of Defense Standard, MIL-STD-2407, Vector Product Format(VPF).

4. Data: Refer to Department of Defense Specification MIL-PRF-0089012A(NIMA), World Vector Shoreline Plus (WVSPLUS[®]) for a complete description coverage and feature content of libraries contained within this database.

a. Data regarding coastlines, administrative boundary lines and other lines of separation, administrative areas, and oceans are found in the Countries/Coastlines/Oceans (COC) coverage. The COC coverage is located in all libraries.

b. Maritime boundaries and maritime boundary baselines are located in the Maritime Boundaries (MAB) coverage and Maritime Boundary Supplemental (MBS) coverage respectively, and contain maritime claims for each country as derived from the Maritime Claims Reference Manual, DoD 2005.1M. The maritime claims of coastal nations are included in related attribute tables (notes.rat) in both the MAB and MBS coverages. The MAB and MBS coverages are found only in the WVS250K library.

c. The source of bathymetric data is derived from the Digital Bathymetric Database (DBDB5). The DBDB5 is produced by comparing and integrating available bathymetric soundings with cartographic sources to generate values at five-minute spacings. DBDB5 has a resolution equivalent to a 1:4,000,000 scale chart. Depth contours and depth areas, as derived from the DBDB5, are located in the Bathymetric (BAT) coverage. This coverage is found only in the WVS003M, WVS012M, and WVS040 libraries.

d. A Names Placement (GAZETTE) coverage contains a point feature that represent the centroid of each locality in the database. The GAZETTE coverage is found in all libraries.

5. Disclaimers:

a. NOT TO BE USED FOR NAVIGATION

b. The representation of international boundaries and maritime limits is not necessarily authoritative and does not necessarily represent an official acceptance by the United States Government of the limits claimed.

c. Some sea extensions of the international boundaries could not be derived from the Department of State, Limits of the Seas, series or the

DOD Maritime Claims Reference Manual and therefore had to be geometrically derived.

d. The shoreline is referenced to Mean High Water.

e. WVSPLUS[®] computes a 12-mile territorial sea boundary measured from the coastline or, when present, a claimed straight baseline. This claimed straight baseline may or may not be recognized by the United States, therefore, the depicted 12-mile territorial sea boundary may or may not be recognized by the United States; in part or in its entirety.

f. © Copyright 1994 by the United States Government. No copyright claimed under Title 17 U.S.C.

6. Comments and Questions: Users should refer corrections, additions, and comments to the NIMA Customer Help Desk: 1-800-455-0899, Commercial 314-260-5032, DSN 490-5032, or write to: Director, National Imagery and Mapping Agency, ATTN: Customer Support/COD, Mail Stop P-37, 4600 Sangamore Road, Bethesda, MD 20816-5003.

3.12.5 Jewel case liner (back cover of case). Labeling of the jewel case liner shall be in accordance with NIMA Instruction NI-8955.1.

3.12.6 Cardboard sleeve mailer. If a cardboard mailing sleeve is specified in the contract, it shall be labeled in accordance NIMA Instruction NI-8955.1.

3.13 CD-ROM packaging

3.13.1 Packaging container. The outer container shall be used to distribute and store WVSPLUS materials. The outer container shall consist of a cardboard sleeve. The WVSPLUS bar code shall be present on the outer container. The entire outer container shall be shrink-wrapped prior to shipping.

3.13.2 Packaging. Packaging shall be level C (see 6.2) unless otherwise specified. This packaging provides minimum protection, and it is needed to protect material under known favorable conditions. The following criteria determine the requirements for this degree of protection:

- a. Use or consumption of the item at the first destination.
- b. Shock, vibration, and static loading during the limited transportation cycle.
- c. Favorable warehouse environment for a maximum of 18 months.
- d. Effects of environmental exposure during shipment and intransit delays.
- e. Stacking and supporting superimposed loads during shipment and temporary storage.

3.13.3 Marking. In addition to any special markings required by the contract or order, markings shall be in accordance with requirements or MIL-STD-129 for military levels of protection.

3.13.4 Installation instructions. Installation instructions shall be provided on a separate sheet in the WVSPLUS package, or as part of the sleeve insert.

3.14 Security. The security classification of the WVSPLUS product is UNCLASSIFIED.

3.15 Maintenance requirement. WVSPLUS shall be maintained and re-issued on a six month cycle.

4. VERIFICATION

4.1 Classification of inspection. The inspection requirements specified herein are classified as follows:

- a. First article inspection (see 4.2)
- b. Conformance inspection (see 4.3)

4.2 First article inspection. When a first article inspection is required, the product shall be examined as specified in 4.3.1, and the construction record reviewed for compliance with 4.3.2 and 4.3.3.

4.3 Conformance inspection. Conformance inspection shall include the examinations of 4.3.1, 4.3.2 and 4.3.3.

4.3.1 Review of data extraction records. Records relevant to the data extraction shall be maintained. The records shall document sources, decisions regarding reconciliation of conflicting data, etc. Records shall be reviewed concurrently with visual examinations (see 4.3.2) to ensure that proper cartographic procedures have been followed.

4.3.2 Visual review. The digital data shall be examined for defects and errors as specified by the contract or Government. Any defects or errors detected shall be corrected. Defects detected during the inspection of the digital file shall be evaluated by NIMA for criticality, and suitable corrective action.

4.3.3 VPF STANDARD compliance. Data shall be inspected for conformance to the product specifications in accordance with NIMA quality control procedures. The inspection shall also verify compliance of the data format per MIL-STD-2407. Defects detected during the inspection of the digital data shall be evaluated by NIMA for criticality, and suitable corrective action.

4.4 Government furnished material. The contractor shall not duplicate, copy, or otherwise reproduce the MC&G material for purposes other than those necessary for performance of the contract.

4.5 Government property surplus. At the completion of performance of the contract, the contractor, as directed by the contracting officer, shall either destroy or return to the Government all government-furnished MC&G material not consumed in the performance of the contract.

5. PACKAGING

5.1 Packaging. For acquisitions purposes, the packaging requirements shall be as specified in the contract or order. When actual packaging of material is to be performed by DoD personnel, these personnel shall contact the responsible packaging activity to ascertain requisite

packaging requirements. Packaging requirements are maintained by the Inventory Control Point's packaging activity within the Military Department or Defense Agency, or within the Military Department's Systems Command. Packaging data retrieval is available from the managing Military Department's or Defense Agency's automated packaging files, CD-ROM products, or by contacting the responsible packaging activity.

6. NOTES

(This section contains information of a general or explanatory nature that may be helpful, but is not mandatory.)

6.1 Intended use.

6.1.1 General usage. The WVSPLUS database is intended for use as general purpose data that can support GIS applications. The design of the data supports mission planning and military command and control systems. It may also be used as a background display for other geographic data. The WVSPLUS is intended for use by military and civilian branches of the government.

6.1.2 Analysis limitation. Analytical use of WVSPLUS data at a scale greater than 1:250,000 is not recommended.

6.2 Acquisition requirements. Acquisition documents will specify the following:

- a. Title, number, and date of this specification.
- b. Issue of DODISS to be cited in the solicitation and if required, the specific issue of individual documents referenced (see 2.2.1 and 2.3).
- c. When a first article is required (see 3.1 and 4.2).
- d. Levels of packaging (see 5.1).

6.3 Supersession. This section is not applicable to this specification.

6.4 Definitions. Refer to MIL-STD-2407 for definition of terms used in this specification.

6.4.1 Acronyms.

| | |
|--------|--|
| ANSI | American National Standards Institute |
| ASCII | American Standard Code for Information Interchange |
| CD-ROM | Compact Disc-Read Only Memory |
| DIGEST | Digital Geographic Information Exchange Standard |
| DMA | National Imagery and Mapping Agency |
| DoD | Department of Defense |
| DOS | Disk Operating System |
| FACC | Feature and Attribute Coding Catalogue |
| GEOREF | World Geographic Reference System |
| IEEE | Institute of Electrical and Electronics Engineers |

| | |
|-------|--|
| IFACC | International Feature Attribute Code Catalogue |
| ISO | International Organization for Standardization |
| MC&G | Mapping, Charting, and Geodesy |
| MCGT | Mapping, Charting and Geodesy Technology |
| MSL | Mean Sea Level |
| NMAS | National Map Accuracy Standard |
| VPF | Vector Product Format |
| WGS | World Geodetic System |
| WVS | World Vector Shoreline |

6.5 Standardization agreements.

Certain provisions of this specification are the subject of international standardization agreement. When amendment, revision, or cancellation of this specification is proposed that will modify the international agreement concerned, the preparing activity will take appropriate action through international standardization channels, including departmental standardization offices, to change the agreement or make other appropriate accommodations.

6.5.1 NATO Standardization Agreements (STANAGs)

STANAG 2211, "Geodetic Datums, Spheroids, Grids, and Cell References".

6.5.2 Interoperability.

The VPF based products are designed to support interoperability. As such it is highly recommended that systems for production and data use be designed in such a manner as to implement the VPF standard. Systems built to implement individual product specifications do not afford the same level of flexibility and interoperability as those designed to implement the VPF MIL-STD-2407.

6.6 NIMA customer help desk. For questions concerning this or other NIMA products, services, or specifications, please telephone the NIMA Customer Help Desk at 1-800-455-0899, Commercial 314-260-5032, or DSN 490-5032.

WVSPLUS DATA DICTIONARY ORGANIZATION

A.1 SCOPE

This appendix contains the data dictionary organization for the WVSPLUS product and is a mandatory part of this specification. The information contained herein is intended for compliance.

A.2 APPLICABLE DOCUMENTS

This section is not applicable to this appendix.

A.3 WVSPLUS DATA DICTIONARY ORGANIZATION

This data dictionary contains a description of the data found in each of the six libraries comprising the WVSPLUS database. Included are the following: the name and description of each attribute, the attribute values (presented in value description tables) and feature classes valid for each coverage in each library. All values are taken from the specifications for the Digital Geographic Information Exchange Standard (DIGEST) Feature and Attribute Coding Catalogue (FACC) Edition 2.0 (June 1997).

Appendix B contains the data coverages. For a coverage there are a series of tables that describe the data in that coverage. Listed for each coverage are an index of FACC codes, feature types, and respective attributes, followed by the character value description table, integer value description table, feature tables, and feature class schema table.

Appendix C contains a consolidated listing of the FACC feature codes with descriptions and respective feature types for the WVSPLUS libraries.

Appendix D contains additional information related to the composition of features depicted in this specification.

A.3.1 Data dictionary organization. The coverages presented in the WVSPLUS database are Bathymetric (bat), Coastlines/Countries/Oceans (coc), Maritime Boundaries (mab), Maritime Boundaries Supplemental (mbs), Data Quality (dqy), Names Placement (gazette), Tile Reference (tileref), and Library Reference (libref). Certain coverages and feature classes are not valid for every library; this is stated (in bold type) where applicable in the coverage description. The coverage description is followed by value description tables (vdt), attribute definitions and feature table headers. Area, line, point and text feature tables (aft, lft, pft and tft), when present, appear in that order. The schema tables define the attribute names for that feature class, the attribute descriptions, and the field types. The field type provides the field definition and the field size required to store the attribute data. Feature class schema tables (fcs) follow the feature tables.

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A.3.2 "Null" and "Unknown" values. In cases where a feature has associated attributes whose values are null or unknown, a standard convention will be used to code the values. Null values will be assigned per VPF rules (see MIL-STD-2407, Table 62):

| <u>field type</u> | <u>null value</u> |
|-------------------|---|
| S | bit pattern 10000000 00000000 |
| I | bit pattern 10000000 00000000 00000000 00000000 |
| F | NaN |
| T,n (n>=3) | N/A |
| T,n (n=2) | -- |
| T,n (n=1) | - |
| D | blank-filled (20 characters) |

Null values will not be captured in the value description tables. In this context, the meaning of "null" is generally equivalent to "not applicable." Within the WVSPLUS, some feature classes may have attribute columns present in the feature table, which are defined for some features, but not others. In this case a null value is entered for those attribute values when they do not apply to the feature code.

During the data capture, it may not be possible to determine the value of an attribute using the inclusion conditions or collateral data sources. In cases where unknown values are required for text fields, the values shall be represented as "UNK" for field type T,3 or larger, "/U" for field type T,2, and "U" for field type T,1. Numeric field types shall be represented as "0", except where zero is an otherwise valid value. In such cases, the unknown value will be the minimum length string of nines allowed by the field type ("9999" for type S, and "999999999" for type I).

WVSPLUS THEMATIC COVERAGE DIRECTORY RECORD LAYOUT

B.1 SCOPE

This appendix contains the coverage directory table layout for WVSPLUS data. It is a mandatory part of this specification. The information contained herein is intended for compliance.

B.2 APPLICABLE DOCUMENTS

This section is not applicable to this appendix.

B.3 WVSPLUS THEMATIC COVERAGE DIRECTORY RECORD LAYOUT.

B.3.1 General. Appendix B contains the coverages for WVSPLUS. For a coverage there are a series of tables that describe the data in that coverage. Listed for each coverage are an index of FACC codes, respective attributes and associated primitives, followed by the character value description table, integer value description table, feature tables, and feature class schema table.

TABLE B-1. WVSPLUS coverages.

| |
|---|
| Bathymetric coverage (bat) |
| Coastlines/Countries/Oceans coverage (coc) |
| Maritime Boundaries coverage (mab) |
| Maritime Boundaries Supplemental Coverage (mbs) |
| Names Placement coverage (gazette) |
| Tile Reference (tileref) |
| Library Reference (libref) |

B.3.2 Bathymetric coverage. **This coverage exists only in the wvs003m, wvs012m and wvs040m libraries.** It consists of depth contours and depth zones derived from the Digital Bathymetric Data Base (DBDB). The 200, 400, 600, 1000, 2000, 4000, 6000 and 8000m depth contours will be represented.

TABLE B-2. Bathymetric Coverage List of FACC Codes, Attributes, and Associated Primitives.

| Feature name/attribute name | FACC code | attr. | edg | fac | txt |
|-----------------------------------|-----------|-------|-----|-----|-----|
| Depth Contour | BE015 | | x | | |
| Depth Curve or Contour Value | | crv | | | |
| Depth Area | BE019 | | | x | |
| Depth Curve or Contour Value High | | cvh | | | |
| Depth Curve or Contour Value Low | | cvl | | | |
| Artifact Location | ZD003 | - | x | | |

TABLE B-3. Bathymetric Character Value Description Table.

Thematic Layer: Bathymetric
 Coverage Name: **bat**
 Feature Table Description: Bathymetric Character Value Description Table
 Table Name: **char.vdt**

```
{Header length and byte order};
Bathymetric Character Value Description Table;-;
id=I,1,P,Row id,-,-,-;
table=T,12,N,Name of the feature table,-,-,-;
attribute=T,16,N,Column name,-,-,-;
value=T,5,N,Unique value of attribute,-,-,-;
description=T,*N,Description of attribute,-,-,-;;
```

| | | | | |
|---|-------------|------|-------|-------------------|
| 1 | batarea.aft | facc | BE019 | Depth Area |
| 2 | batline.lft | facc | BE015 | Depth Contour |
| 3 | batline.lft | facc | ZD003 | Artifact Location |

TABLE B-4. Bathymetric Area Feature Table.

Thematic Layer: Bathymetric
 Coverage Name: **bat**
 Feature Table Description: Bathymetric Area Feature Table
 Table Name: **batarea.aft**

```
{Header length and byte order};
Bathymetric Area Feature Table;-;
id=I,1,P,Row id,-,-,-;
fac_id=I,1,N,Primitive id,-,fac_id.ati,-;
facc=T,5,N,FACC Feature Code,char.vdt,-,-;
cvh=S,1,N,Depth Curve or Contour Value High (meters),-,cvh.ati,-;
cvl=S,1,N,Depth Curve or Contour Value Low (meters),-,cvl.ati,-;
tile_id=S,1,N,Tile id,-,tile_id.ati,-;;
```

| Column | Description | Value | Value Meaning | Applicable f_code for Attribute Value |
|-------------|--|------------|------------------|---|
| id | Row Identifier | Sequential | beginning with 1 | |
| facc | FACC Feature Code | BE019 | Depth Area | |
| cvh | Depth Curve or Contour Value High (meters) | >= 0 | Actual Value | BE019 |
| cvl | Depth Curve or Contour Value Low (meters) | >= 0 | Actual Value | BE019 |

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TABLE B-5. Bathymetric Line Feature Table.

Thematic Layer: Bathymetric
Coverage Name: **bat**
Feature Table Description: Bathymetric Line Feature Table
Table Name: **batline.lft**

```
{Header length and byte order};
Bathymetric Line Feature Table;-;
id=I,1,P,Row id,-,-,-,:
edg_id=I,1,N,Primitive id,-,edg_id.lti,-,:
facc=T,5,N,FACC Feature Code,char.vdt,facc.lti,-,:
crv=S,1,N,Depth Curve or Contour Value (meters),-,crv.lti,-,:
tile_id=S,1,N,Tile id,-,tile_id.lti,-,;;
```

| Column | Description | Value | Value Meaning | Applicable f_code for Attribute Value |
|---------------|---------------------------------------|------------|-------------------|---------------------------------------|
| id | Row Identifier | Sequential | beginning with 1 | |
| f_code | Facc Feature Code | BE015 | Depth Contour | |
| | | ZD003 | Artifact Location | |
| crv | Depth Curve or Contour Value (meters) | -32768 | Null | ZD003 |
| | | >= 0 | Actual Value | BE015 |

TABLE B-6. Content and Format for Bathymetric Feature Class Schema Table.

Thematic Layer: Bathymetric
Coverage Name: **bat**
Feature Table Description: Bathymetric Feature Class Schema Table
Table Name: **fcs**

```
{Header length}L;
Bathymetric Feature Class Schema Table;-;
id=I,1,P,Row id,-,-,-,:
feature_class=T,8,N,Name of feature class,-,-,-,:
table1=T,12,N,The first table in a relationship,-,-,-,:
table1_key=T,*,N,Join column name in first table,-,-,-,:
table2=T,12,N,The second table in a relationship,-,-,-,:
table2_key=T,*,N,Join column name in second table,-,-,-,;;
```

| | | | | | |
|---|---------|-------------|----------------|-------------|----|
| 1 | batarea | batarea.aft | fac_id | fac | id |
| 2 | batarea | fac | batarea.aft_id | batarea.aft | id |
| 3 | batline | batline.lft | edg_id | edg | id |
| 4 | batline | edg | batline.lft_id | batline.lft | id |

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B.3.3 Coastlines/Countries/Oceans coverage. This coverage contains world ocean coastlines and international boundaries, as well as the countries separated by the boundaries.

TABLE B-7. Coastlines/Countries/Oceans Coverage List of FACC Codes, Attributes, and Associated Primitives.

| Feature name/attribute name | FACC code | attr. | edg | fac | txt |
|------------------------------|-----------|-------|-----|-----|-----|
| Coastline/Shoreline | BA010 | | X | | |
| Name 3 | | nm3 | | | |
| Name 4 | | nm4 | | | |
| Water (Except Inland) | BA040 | - | X | | |
| Administrative Boundary | FA000 | | X | | |
| Accuracy Category | | acc | | | |
| Boundary Status Type | | bst | | | |
| Name 3 | | nm3 | | | |
| Name 4 | | nm4 | | | |
| Usage | | use | | | |
| Administrative Area | FA001 | | | X | |
| Name | | nam | | | |
| Armistice Line | FA020 | | X | | |
| Accuracy Category | | acc | | | |
| Boundary Status Type | | bst | | | |
| Name 3 | | nm3 | | | |
| Name 4 | | nm4 | | | |
| Usage | | use | | | |
| Cease-Fire Line | FA030 | | X | | |
| Accuracy Category | | acc | | | |
| Boundary Status Type | | bst | | | |
| Name 3 | | nm3 | | | |
| Name 4 | | nm4 | | | |
| Claim Line | FA040 | | X | | |
| Accuracy Category | | acc | | | |
| Boundary Status Type | | bst | | | |
| Name 3 | | nm3 | | | |
| Name 4 | | nm4 | | | |
| Mandate Line/Convention Line | FA050 | | X | | |
| Accuracy Category | | acc | | | |
| Boundary Status Type | | bst | | | |
| Name 3 | | nm3 | | | |
| Name 4 | | nm4 | | | |
| Defacto Boundary | FA060 | | X | | |
| Accuracy Category | | acc | | | |
| Boundary Status Type | | bst | | | |
| Name 3 | | nm3 | | | |
| Name 4 | | nm4 | | | |
| Demilitarized Zone | FA070 | | X | | |
| Accuracy Category | | acc | | | |
| Boundary Status Type | | bst | | | |
| Name 3 | | nm3 | | | |
| Name 4 | | nm4 | | | |
| Artifact Location | ZD003 | - | X | | |
| Named Location | ZD040 | | | | X |
| Name | | nam | | | |

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TABLE B-8. Coastlines/Countries/Oceans Character Value Description Table.

Note: The codes found in rows 278-285 and 552-559 of this table are valid only for BA010.

Thematic Layer: Coastlines/Countries/Oceans
 Coverage Name: **coc**
 Feature Table Description: Coastlines/Countries/Oceans Character Value Description Table
 Table Name: **char.vdt**

| {Header length and byte order}; | | | | |
|--|-------------|------|-------|-----------------------------|
| Coastlines/Countries/Oceans Character Value Description Table;-; | | | | |
| id=I,1,P,Row id,-,-,-,: | | | | |
| table=T,12,N,Name of the feature table,-,-,-,: | | | | |
| attribute=T,16,N,Column name,-,-,-,: | | | | |
| value=T,5,N,Unique value of attribute,-,-,-,: | | | | |
| description=T,*N,Description of attribute,-,-,-,;: | | | | |
| 1 | cocarea.aft | facc | BA040 | Water (Except Inland) |
| 2 | cocarea.aft | facc | FA001 | Administrative Area |
| 3 | cocarea.aft | nam | /U | No entry present |
| 4 | cocarea.aft | nam | AA | Aruba |
| 5 | cocarea.aft | nam | AC | Antigua and Barbuda |
| 6 | cocarea.aft | nam | AE | United Arab Emirates |
| 7 | cocarea.aft | nam | AF | Afghanistan |
| 8 | cocarea.aft | nam | AG | Algeria |
| 9 | cocarea.aft | nam | AJ | Azerbaijan |
| 10 | cocarea.aft | nam | AL | Albania |
| 11 | cocarea.aft | nam | AM | Armenia |
| 12 | cocarea.aft | nam | AN | Andorra |
| 13 | cocarea.aft | nam | AO | Angola |
| 14 | cocarea.aft | nam | AQ | American Samoa |
| 15 | cocarea.aft | nam | AR | Argentina |
| 16 | cocarea.aft | nam | AS | Australia |
| 17 | cocarea.aft | nam | AT | Ashmore and Cartier Islands |
| 18 | cocarea.aft | nam | AU | Austria |
| 19 | cocarea.aft | nam | AV | Anguilla |
| 20 | cocarea.aft | nam | AY | Antarctica |
| 21 | cocarea.aft | nam | BA | Bahrain |
| 22 | cocarea.aft | nam | BB | Barbados |
| 23 | cocarea.aft | nam | BC | Botswana |
| 24 | cocarea.aft | nam | BD | Bermuda |
| 25 | cocarea.aft | nam | BE | Belgium |
| 26 | cocarea.aft | nam | BF | The Bahamas |
| 27 | cocarea.aft | nam | BG | Bangladesh |
| 28 | cocarea.aft | nam | BH | Belize |
| 29 | cocarea.aft | nam | BK | Bosnia and Herzegovina |
| 30 | cocarea.aft | nam | BL | Bolivia |
| 31 | cocarea.aft | nam | BM | Burma |
| 32 | cocarea.aft | nam | BN | Benin |
| 33 | cocarea.aft | nam | BO | Belarus |
| 34 | cocarea.aft | nam | BP | Solomon Islands |
| 35 | cocarea.aft | nam | BQ | Navassa Island |
| 36 | cocarea.aft | nam | BR | Brazil |

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TABLE B-8. Coastlines/Countries/Oceans Character Value Description
Table (continued).

| | | | | |
|----|-------------|-----|----|------------------------------------|
| 37 | cocarea.aft | nam | BS | Bassas Da India |
| 38 | cocarea.aft | nam | BT | Bhutan |
| 39 | cocarea.aft | nam | BU | Bulgaria |
| 40 | cocarea.aft | nam | BV | Bouvet Island |
| 41 | cocarea.aft | nam | BX | Brunei |
| 42 | cocarea.aft | nam | BY | Burundi |
| 43 | cocarea.aft | nam | CA | Canada |
| 44 | cocarea.aft | nam | CB | Cambodia |
| 45 | cocarea.aft | nam | CD | Chad |
| 46 | cocarea.aft | nam | CE | Sri Lanka |
| 47 | cocarea.aft | nam | CF | Congo |
| 48 | cocarea.aft | nam | CG | Congo (Democratic Republic of the) |
| 49 | cocarea.aft | nam | CH | China |
| 50 | cocarea.aft | nam | CI | Chile |
| 51 | cocarea.aft | nam | CJ | Cayman Islands |
| 52 | cocarea.aft | nam | CK | Cocos (Keeling) Islands |
| 53 | cocarea.aft | nam | CM | Cameroon |
| 54 | cocarea.aft | nam | CN | Comoros |
| 55 | cocarea.aft | nam | CO | Colombia |
| 56 | cocarea.aft | nam | CQ | Northern Mariana Islands |
| 57 | cocarea.aft | nam | CR | Coral Sea Islands |
| 58 | cocarea.aft | nam | CS | Costa Rica |
| 59 | cocarea.aft | nam | CT | Central African Republic |
| 60 | cocarea.aft | nam | CU | Cuba |
| 61 | cocarea.aft | nam | CV | Cape Verde |
| 62 | cocarea.aft | nam | CW | Cook Islands |
| 63 | cocarea.aft | nam | CY | Cyprus |
| 64 | cocarea.aft | nam | DA | Denmark |
| 65 | cocarea.aft | nam | DJ | Djibouti |
| 66 | cocarea.aft | nam | DO | Dominica |
| 67 | cocarea.aft | nam | DQ | Jarvis Island |
| 68 | cocarea.aft | nam | DR | Dominican Republic |
| 69 | cocarea.aft | nam | EC | Ecuador |
| 70 | cocarea.aft | nam | EG | Egypt |
| 71 | cocarea.aft | nam | EI | Ireland |
| 72 | cocarea.aft | nam | EK | Equatorial Guinea |
| 73 | cocarea.aft | nam | EN | Estonia |
| 74 | cocarea.aft | nam | ER | Eritrea |
| 75 | cocarea.aft | nam | ES | El Salvador |
| 76 | cocarea.aft | nam | ET | Ethiopia |
| 77 | cocarea.aft | nam | EU | Europa Island |
| 78 | cocarea.aft | nam | EZ | Czech Republic |
| 79 | cocarea.aft | nam | FG | French Guiana |
| 80 | cocarea.aft | nam | FI | Finland |
| 81 | cocarea.aft | nam | FJ | Fiji |
| 82 | cocarea.aft | nam | FK | Falkland Islands (Islas Malvinas) |
| 83 | cocarea.aft | nam | FM | Federated States of Micronesia |
| 84 | cocarea.aft | nam | FO | Faroe Islands |
| 85 | cocarea.aft | nam | FP | French Polynesia |
| 86 | cocarea.aft | nam | FQ | Baker Island |
| 87 | cocarea.aft | nam | FR | France |

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TABLE B-8. Coastlines/Countries/Oceans Character Value Description Table (continued).

| | | | | |
|-----|-------------|-----|----|-------------------------------------|
| 88 | cocarea.aft | nam | FS | French Southern and Antarctic Lands |
| 89 | cocarea.aft | nam | GA | The Gambia |
| 90 | cocarea.aft | nam | GB | Gabon |
| 91 | cocarea.aft | nam | GG | Georgia |
| 92 | cocarea.aft | nam | GH | Ghana |
| 93 | cocarea.aft | nam | GI | Gibraltar |
| 94 | cocarea.aft | nam | GJ | Grenada |
| 95 | cocarea.aft | nam | GK | Guernsey |
| 96 | cocarea.aft | nam | GL | Greenland |
| 97 | cocarea.aft | nam | GM | Germany |
| 98 | cocarea.aft | nam | GO | Glorioso Islands |
| 99 | cocarea.aft | nam | GP | Guadeloupe |
| 100 | cocarea.aft | nam | GQ | Guam |
| 101 | cocarea.aft | nam | GR | Greece |
| 102 | cocarea.aft | nam | GT | Guatemala |
| 103 | cocarea.aft | nam | GV | Guinea |
| 104 | cocarea.aft | nam | GY | Guyana |
| 105 | cocarea.aft | nam | GZ | Gaza Strip |
| 106 | cocarea.aft | nam | HA | Haiti |
| 107 | cocarea.aft | nam | HK | Hong Kong |
| 108 | cocarea.aft | nam | HM | Heard Island and McDonald Islands |
| 109 | cocarea.aft | nam | HO | Honduras |
| 110 | cocarea.aft | nam | HQ | Howland Island |
| 111 | cocarea.aft | nam | HR | Croatia |
| 112 | cocarea.aft | nam | HU | Hungary |
| 113 | cocarea.aft | nam | IC | Iceland |
| 114 | cocarea.aft | nam | ID | Indonesia |
| 115 | cocarea.aft | nam | IM | Isle of Man |
| 116 | cocarea.aft | nam | IN | India |
| 117 | cocarea.aft | nam | IO | British Indian Ocean Territory |
| 118 | cocarea.aft | nam | IP | Clipperton Island |
| 119 | cocarea.aft | nam | IR | Iran |
| 120 | cocarea.aft | nam | IS | Israel |
| 121 | cocarea.aft | nam | IT | Italy |
| 122 | cocarea.aft | nam | IV | Cote D'Ivoire |
| 123 | cocarea.aft | nam | IZ | Iraq |
| 124 | cocarea.aft | nam | JA | Japan |
| 125 | cocarea.aft | nam | JE | Jersey |
| 126 | cocarea.aft | nam | JM | Jamaica |
| 127 | cocarea.aft | nam | JN | Jan Mayen |
| 128 | cocarea.aft | nam | JO | Jordan |
| 129 | cocarea.aft | nam | JQ | Johnston Atoll |
| 130 | cocarea.aft | nam | JU | Juan De Nova Island |
| 131 | cocarea.aft | nam | KE | Kenya |
| 132 | cocarea.aft | nam | KG | Kyrgyzstan |
| 133 | cocarea.aft | nam | KN | North Korea |
| 134 | cocarea.aft | nam | KQ | Kingman Reef |
| 135 | cocarea.aft | nam | KR | Kiribati |
| 136 | cocarea.aft | nam | KS | South Korea |
| 137 | cocarea.aft | nam | KT | Christmas Island |
| 138 | cocarea.aft | nam | KU | Kuwait |

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TABLE B-8. Coastlines/Countries/Oceans Character Value Description Table (continued).

| | | | | |
|-----|-------------|-----|----|---|
| 139 | cocarea.aft | nam | KZ | Kazakhstan |
| 140 | cocarea.aft | nam | LA | Laos |
| 141 | cocarea.aft | nam | LE | Lebanon |
| 142 | cocarea.aft | nam | LG | Latvia |
| 143 | cocarea.aft | nam | LH | Lithuania |
| 144 | cocarea.aft | nam | LI | Liberia |
| 145 | cocarea.aft | nam | LO | Slovakia |
| 146 | cocarea.aft | nam | LQ | Palmyra Atoll |
| 147 | cocarea.aft | nam | LS | Liechtenstein |
| 148 | cocarea.aft | nam | LT | Lesotho |
| 149 | cocarea.aft | nam | LU | Luxembourg |
| 150 | cocarea.aft | nam | LY | Libya |
| 151 | cocarea.aft | nam | MA | Madagascar |
| 152 | cocarea.aft | nam | MB | Martinique |
| 153 | cocarea.aft | nam | MC | Macau |
| 154 | cocarea.aft | nam | MD | Moldova |
| 155 | cocarea.aft | nam | MF | Mayotte |
| 156 | cocarea.aft | nam | MG | Mongolia |
| 157 | cocarea.aft | nam | MH | Montserrat |
| 158 | cocarea.aft | nam | MI | Malawi |
| 159 | cocarea.aft | nam | MK | The Former Yugoslav Republic of Macedonia |
| 160 | cocarea.aft | nam | ML | Mali |
| 161 | cocarea.aft | nam | MN | Monaco |
| 162 | cocarea.aft | nam | MO | Morocco |
| 163 | cocarea.aft | nam | MP | Mauritius |
| 164 | cocarea.aft | nam | MQ | Midway Islands |
| 165 | cocarea.aft | nam | MR | Mauritania |
| 166 | cocarea.aft | nam | MT | Malta |
| 167 | cocarea.aft | nam | MU | Oman |
| 168 | cocarea.aft | nam | MV | Maldives |
| 169 | cocarea.aft | nam | MW | Montenegro |
| 170 | cocarea.aft | nam | MX | Mexico |
| 171 | cocarea.aft | nam | MY | Malaysia |
| 172 | cocarea.aft | nam | MZ | Mozambique |
| 173 | cocarea.aft | nam | NC | New Caledonia |
| 174 | cocarea.aft | nam | NE | Niue |
| 175 | cocarea.aft | nam | NF | Norfolk Island |
| 176 | cocarea.aft | nam | NG | Niger |
| 177 | cocarea.aft | nam | NH | Vanuatu |
| 178 | cocarea.aft | nam | NI | Nigeria |
| 179 | cocarea.aft | nam | NL | Netherlands |
| 180 | cocarea.aft | nam | NO | Norway |
| 181 | cocarea.aft | nam | NP | Nepal |
| 182 | cocarea.aft | nam | NR | Nauru |
| 183 | cocarea.aft | nam | NS | Suriname |
| 184 | cocarea.aft | nam | NT | Netherlands Antilles |
| 185 | cocarea.aft | nam | NU | Nicaragua |
| 186 | cocarea.aft | nam | NZ | New Zealand |
| 187 | cocarea.aft | nam | OS | No Sovereignty |
| 188 | cocarea.aft | nam | PA | Paraguay |
| 189 | cocarea.aft | nam | PC | Pitcairn Islands |
| 190 | cocarea.aft | nam | PE | Peru |

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TABLE B-8. Coastlines/Countries/Oceans Character Value Description Table (continued).

| | | | | |
|-----|-------------|-----|----|--|
| 191 | cocarea.aft | nam | PF | Paracel Islands |
| 192 | cocarea.aft | nam | PG | Spratly Islands |
| 193 | cocarea.aft | nam | PK | Pakistan |
| 194 | cocarea.aft | nam | PL | Poland |
| 195 | cocarea.aft | nam | PM | Panama |
| 196 | cocarea.aft | nam | PO | Portugal |
| 197 | cocarea.aft | nam | PP | Papua New Guinea |
| 198 | cocarea.aft | nam | PS | Palau |
| 199 | cocarea.aft | nam | PU | Guinea-Bissau |
| 200 | cocarea.aft | nam | QA | Qatar |
| 201 | cocarea.aft | nam | RE | Reunion |
| 202 | cocarea.aft | nam | RM | Marshall Islands |
| 203 | cocarea.aft | nam | RO | Romania |
| 204 | cocarea.aft | nam | RP | Philippines |
| 205 | cocarea.aft | nam | RQ | Puerto Rico |
| 206 | cocarea.aft | nam | RS | Russia |
| 207 | cocarea.aft | nam | RW | Rwanda |
| 208 | cocarea.aft | nam | SA | Saudi Arabia |
| 209 | cocarea.aft | nam | SB | Saint Pierre and Miquelon |
| 210 | cocarea.aft | nam | SC | Saint Kitts and Nevis |
| 211 | cocarea.aft | nam | SE | Seychelles |
| 212 | cocarea.aft | nam | SF | South Africa |
| 213 | cocarea.aft | nam | SG | Senegal |
| 214 | cocarea.aft | nam | SH | Saint Helena |
| 215 | cocarea.aft | nam | SI | Slovenia |
| 216 | cocarea.aft | nam | SL | Sierra Leone |
| 217 | cocarea.aft | nam | SM | San Marino |
| 218 | cocarea.aft | nam | SN | Singapore |
| 219 | cocarea.aft | nam | SO | Somalia |
| 220 | cocarea.aft | nam | SP | Spain |
| 221 | cocarea.aft | nam | SR | Serbia |
| 222 | cocarea.aft | nam | ST | Saint Lucia |
| 223 | cocarea.aft | nam | SU | Sudan |
| 224 | cocarea.aft | nam | SV | Svalbard |
| 225 | cocarea.aft | nam | SW | Sweden |
| 226 | cocarea.aft | nam | SX | South Georgia and the South Sandwich Islands |
| 227 | cocarea.aft | nam | SY | Syria |
| 228 | cocarea.aft | nam | SZ | Switzerland |
| 229 | cocarea.aft | nam | TD | Trinidad and Tobago |
| 230 | cocarea.aft | nam | TE | Tromelin Island |
| 231 | cocarea.aft | nam | TH | Thailand |
| 232 | cocarea.aft | nam | TI | Tajikistan |
| 233 | cocarea.aft | nam | TK | Turks and Caicos Islands |
| 234 | cocarea.aft | nam | TL | Tokelau |
| 235 | cocarea.aft | nam | TN | Tonga |
| 236 | cocarea.aft | nam | TO | Togo |
| 237 | cocarea.aft | nam | TP | Sao Tome and Principe |
| 238 | cocarea.aft | nam | TS | Tunisia |
| 239 | cocarea.aft | nam | TU | Turkey |
| 240 | cocarea.aft | nam | TV | Tuvalu |
| 241 | cocarea.aft | nam | TW | Taiwan |
| 242 | cocarea.aft | nam | TX | Turkmenistan |

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TABLE B-8. Coastlines/Countries/Oceans Character Value Description Table (continued).

| | | | | |
|-----|-------------|------|-------|----------------------------------|
| 243 | cocarea.aft | nam | TZ | Tanzania |
| 244 | cocarea.aft | nam | UG | Uganda |
| 245 | cocarea.aft | nam | UK | United Kingdom |
| 246 | cocarea.aft | nam | UN | UN Control |
| 247 | cocarea.aft | nam | UP | Ukraine |
| 248 | cocarea.aft | nam | US | United States |
| 249 | cocarea.aft | nam | UV | Burkina Faso |
| 250 | cocarea.aft | nam | UY | Uruguay |
| 251 | cocarea.aft | nam | UZ | Uzbekistan |
| 252 | cocarea.aft | nam | VC | Saint Vincent and the Grenadines |
| 253 | cocarea.aft | nam | VE | Venezuela |
| 254 | cocarea.aft | nam | VI | British Virgin Islands |
| 255 | cocarea.aft | nam | VM | Vietnam |
| 256 | cocarea.aft | nam | VQ | Virgin Islands |
| 257 | cocarea.aft | nam | VT | Vatican City |
| 258 | cocarea.aft | nam | WA | Namibia |
| 259 | cocarea.aft | nam | WE | West Bank |
| 260 | cocarea.aft | nam | WF | Wallis and Futuna |
| 261 | cocarea.aft | nam | WI | Western Sahara |
| 262 | cocarea.aft | nam | WQ | Wake Island |
| 263 | cocarea.aft | nam | WS | Samoa |
| 264 | cocarea.aft | nam | WZ | Swaziland |
| 265 | cocarea.aft | nam | YM | Yemen |
| 266 | cocarea.aft | nam | YY | Other |
| 267 | cocarea.aft | nam | ZA | Zambia |
| 268 | cocarea.aft | nam | ZI | Zimbabwe |
| 269 | cocline.lft | facc | BA010 | Coastline/Shoreline |
| 270 | cocline.lft | facc | FA000 | Administrative Boundary |
| 271 | cocline.lft | facc | FA020 | Armistice Line |
| 272 | cocline.lft | facc | FA030 | Cease-Fire Line |
| 273 | cocline.lft | facc | FA040 | Claim Line |
| 274 | cocline.lft | facc | FA050 | Mandate Line/Convention Line |
| 275 | cocline.lft | facc | FA060 | Defacto Boundary |
| 276 | cocline.lft | facc | FA070 | Demilitarized Zone |
| 277 | cocline.lft | facc | ZD003 | Artifact Location |
| 278 | cocline.lft | nm3 | -A | Asia |
| 279 | cocline.lft | nm3 | -E | Europe |
| 280 | cocline.lft | nm3 | -F | Africa |
| 281 | cocline.lft | nm3 | -I | Island |
| 282 | cocline.lft | nm3 | -N | North America |
| 283 | cocline.lft | nm3 | -S | South America |
| 284 | cocline.lft | nm3 | -T | Antarctica |
| 285 | cocline.lft | nm3 | -U | Australia |
| 286 | cocline.lft | nm3 | /U | No entry present |
| 287 | cocline.lft | nm3 | AA | Aruba |
| 288 | cocline.lft | nm3 | AC | Antigua and Barbuda |
| 289 | cocline.lft | nm3 | AE | United Arab Emirates |
| 290 | cocline.lft | nm3 | AF | Afghanistan |
| 291 | cocline.lft | nm3 | AG | Algeria |
| 292 | cocline.lft | nm3 | AJ | Azerbaijan |
| 293 | cocline.lft | nm3 | AL | Albania |
| 294 | cocline.lft | nm3 | AM | Armenia |

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TABLE B-8. Coastlines/Countries/Oceans Character Value Description Table (continued).

| | | | | |
|-----|-------------|-----|----|------------------------------------|
| 295 | cocline.lft | nm3 | AN | Andorra |
| 296 | cocline.lft | nm3 | AO | Angola |
| 297 | cocline.lft | nm3 | AQ | American Samoa |
| 298 | cocline.lft | nm3 | AR | Argentina |
| 299 | cocline.lft | nm3 | AS | Australia |
| 300 | cocline.lft | nm3 | AT | Ashmore and Cartier Islands |
| 301 | cocline.lft | nm3 | AU | Austria |
| 302 | cocline.lft | nm3 | AV | Anguilla |
| 303 | cocline.lft | nm3 | AY | Antarctica |
| 304 | cocline.lft | nm3 | BA | Bahrain |
| 305 | cocline.lft | nm3 | BB | Barbados |
| 306 | cocline.lft | nm3 | BC | Botswana |
| 307 | cocline.lft | nm3 | BD | Bermuda |
| 308 | cocline.lft | nm3 | BE | Belgium |
| 309 | cocline.lft | nm3 | BF | The Bahamas |
| 310 | cocline.lft | nm3 | BG | Bangladesh |
| 311 | cocline.lft | nm3 | BH | Belize |
| 312 | cocline.lft | nm3 | BK | Bosnia and Herzegovina |
| 313 | cocline.lft | nm3 | BL | Bolivia |
| 314 | cocline.lft | nm3 | BM | Burma |
| 315 | cocline.lft | nm3 | BN | Benin |
| 316 | cocline.lft | nm3 | BO | Belarus |
| 317 | cocline.lft | nm3 | BP | Solomon Islands |
| 318 | cocline.lft | nm3 | BQ | Navassa Island |
| 319 | cocline.lft | nm3 | BR | Brazil |
| 320 | cocline.lft | nm3 | BS | Bassas Da India |
| 321 | cocline.lft | nm3 | BT | Bhutan |
| 322 | cocline.lft | nm3 | BU | Bulgaria |
| 323 | cocline.lft | nm3 | BV | Bouvet Island |
| 324 | cocline.lft | nm3 | BX | Brunei |
| 325 | cocline.lft | nm3 | BY | Burundi |
| 326 | cocline.lft | nm3 | CA | Canada |
| 327 | cocline.lft | nm3 | CB | Cambodia |
| 328 | cocline.lft | nm3 | CD | Chad |
| 329 | cocline.lft | nm3 | CE | Sri Lanka |
| 330 | cocline.lft | nm3 | CF | Congo |
| 331 | cocline.lft | nm3 | CG | Congo (Democratic Republic of the) |
| 332 | cocline.lft | nm3 | CH | China |
| 333 | cocline.lft | nm3 | CI | Chile |
| 334 | cocline.lft | nm3 | CJ | Cayman Islands |
| 335 | cocline.lft | nm3 | CK | Cocos (Keeling) Islands |
| 336 | cocline.lft | nm3 | CM | Cameroon |
| 337 | cocline.lft | nm3 | CN | Comoros |
| 338 | cocline.lft | nm3 | CO | Colombia |
| 339 | cocline.lft | nm3 | CQ | Northern Mariana Islands |
| 340 | cocline.lft | nm3 | CR | Coral Sea Islands |
| 341 | cocline.lft | nm3 | CS | Costa Rica |
| 342 | cocline.lft | nm3 | CT | Central African Republic |
| 343 | cocline.lft | nm3 | CU | Cuba |
| 344 | cocline.lft | nm3 | CV | Cape Verde |
| 345 | cocline.lft | nm3 | CW | Cook Islands |
| 346 | cocline.lft | nm3 | CY | Cyprus |

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TABLE B-8. Coastlines/Countries/Oceans Character Value Description Table (continued).

| | | | | |
|-----|-------------|-----|----|-------------------------------------|
| 347 | cocline.lft | nm3 | DA | Denmark |
| 348 | cocline.lft | nm3 | DJ | Djibouti |
| 349 | cocline.lft | nm3 | DO | Dominica |
| 350 | cocline.lft | nm3 | DQ | Jarvis Island |
| 351 | cocline.lft | nm3 | DR | Dominican Republic |
| 352 | cocline.lft | nm3 | EC | Ecuador |
| 353 | cocline.lft | nm3 | EG | Egypt |
| 354 | cocline.lft | nm3 | EI | Ireland |
| 355 | cocline.lft | nm3 | EK | Equatorial Guinea |
| 356 | cocline.lft | nm3 | EN | Estonia |
| 357 | cocline.lft | nm3 | ER | Eritrea |
| 358 | cocline.lft | nm3 | ES | El Salvador |
| 359 | cocline.lft | nm3 | ET | Ethiopia |
| 360 | cocline.lft | nm3 | EU | Europa Island |
| 361 | cocline.lft | nm3 | EZ | Czech Republic |
| 362 | cocline.lft | nm3 | FG | French Guiana |
| 363 | cocline.lft | nm3 | FI | Finland |
| 364 | cocline.lft | nm3 | FJ | Fiji |
| 365 | cocline.lft | nm3 | FK | Falkland Islands (Islas Malvinas) |
| 366 | cocline.lft | nm3 | FM | Federated States of Micronesia |
| 367 | cocline.lft | nm3 | FO | Faroe Islands |
| 368 | cocline.lft | nm3 | FP | French Polynesia |
| 369 | cocline.lft | nm3 | FQ | Baker Island |
| 370 | cocline.lft | nm3 | FR | France |
| 371 | cocline.lft | nm3 | FS | French Southern and Antarctic Lands |
| 372 | cocline.lft | nm3 | GA | The Gambia |
| 373 | cocline.lft | nm3 | GB | Gabon |
| 374 | cocline.lft | nm3 | GG | Georgia |
| 375 | cocline.lft | nm3 | GH | Ghana |
| 376 | cocline.lft | nm3 | GI | Gibraltar |
| 377 | cocline.lft | nm3 | GJ | Grenada |
| 378 | cocline.lft | nm3 | GK | Guernsey |
| 379 | cocline.lft | nm3 | GL | Greenland |
| 380 | cocline.lft | nm3 | GM | Germany |
| 381 | cocline.lft | nm3 | GO | Glorioso Islands |
| 382 | cocline.lft | nm3 | GP | Guadeloupe |
| 383 | cocline.lft | nm3 | GQ | Guam |
| 384 | cocline.lft | nm3 | GR | Greece |
| 385 | cocline.lft | nm3 | GT | Guatemala |
| 386 | cocline.lft | nm3 | GV | Guinea |
| 387 | cocline.lft | nm3 | GY | Guyana |
| 388 | cocline.lft | nm3 | GZ | Gaza Strip |
| 389 | cocline.lft | nm3 | HA | Haiti |
| 390 | cocline.lft | nm3 | HK | Hong Kong |
| 391 | cocline.lft | nm3 | HM | Heard Island and McDonald Islands |
| 392 | cocline.lft | nm3 | HO | Honduras |
| 393 | cocline.lft | nm3 | HQ | Howland Island |
| 394 | cocline.lft | nm3 | HR | Croatia |
| 395 | cocline.lft | nm3 | HU | Hungary |
| 396 | cocline.lft | nm3 | IC | Iceland |

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TABLE B-8. Coastlines/Countries/Oceans Character Value Description Table (continued).

| | | | | |
|-----|-------------|-----|----|---|
| 397 | cocline.lft | nm3 | ID | Indonesia |
| 398 | cocline.lft | nm3 | IM | Isle of Man |
| 399 | cocline.lft | nm3 | IN | India |
| 400 | cocline.lft | nm3 | IO | British Indian Ocean Territory |
| 401 | cocline.lft | nm3 | IP | Clipperton Island |
| 402 | cocline.lft | nm3 | IR | Iran |
| 403 | cocline.lft | nm3 | IS | Israel |
| 404 | cocline.lft | nm3 | IT | Italy |
| 405 | cocline.lft | nm3 | IV | Cote D'Ivoire |
| 406 | cocline.lft | nm3 | IZ | Iraq |
| 407 | cocline.lft | nm3 | JA | Japan |
| 408 | cocline.lft | nm3 | JE | Jersey |
| 409 | cocline.lft | nm3 | JM | Jamaica |
| 410 | cocline.lft | nm3 | JN | Jan Mayen |
| 411 | cocline.lft | nm3 | JO | Jordan |
| 412 | cocline.lft | nm3 | JQ | Johnston Atoll |
| 413 | cocline.lft | nm3 | JU | Juan De Nova Island |
| 414 | cocline.lft | nm3 | KE | Kenya |
| 415 | cocline.lft | nm3 | KG | Kyrgyzstan |
| 416 | cocline.lft | nm3 | KN | North Korea |
| 417 | cocline.lft | nm3 | KQ | Kingman Reef |
| 418 | cocline.lft | nm3 | KR | Kiribati |
| 419 | cocline.lft | nm3 | KS | South Korea |
| 420 | cocline.lft | nm3 | KT | Christmas Island |
| 421 | cocline.lft | nm3 | KU | Kuwait |
| 422 | cocline.lft | nm3 | KZ | Kazakhstan |
| 423 | cocline.lft | nm3 | LA | Laos |
| 424 | cocline.lft | nm3 | LE | Lebanon |
| 425 | cocline.lft | nm3 | LG | Latvia |
| 426 | cocline.lft | nm3 | LH | Lithuania |
| 427 | cocline.lft | nm3 | LI | Liberia |
| 428 | cocline.lft | nm3 | LO | Slovakia |
| 429 | cocline.lft | nm3 | LQ | Palmyra Atoll |
| 430 | cocline.lft | nm3 | LS | Liechtenstein |
| 431 | cocline.lft | nm3 | LT | Lesotho |
| 432 | cocline.lft | nm3 | LU | Luxembourg |
| 433 | cocline.lft | nm3 | LY | Libya |
| 434 | cocline.lft | nm3 | MA | Madagascar |
| 435 | cocline.lft | nm3 | MB | Martinique |
| 436 | cocline.lft | nm3 | MC | Macau |
| 437 | cocline.lft | nm3 | MD | Moldova |
| 438 | cocline.lft | nm3 | MF | Mayotte |
| 439 | cocline.lft | nm3 | MG | Mongolia |
| 440 | cocline.lft | nm3 | MH | Montserrat |
| 441 | cocline.lft | nm3 | MI | Malawi |
| 442 | cocline.lft | nm3 | MK | The Former Yugoslav Republic of Macedonia |
| 443 | cocline.lft | nm3 | ML | Mali |
| 444 | cocline.lft | nm3 | MN | Monaco |
| 445 | cocline.lft | nm3 | MO | Morocco |
| 446 | cocline.lft | nm3 | MP | Mauritius |
| 447 | cocline.lft | nm3 | MQ | Midway Islands |
| 448 | cocline.lft | nm3 | MR | Mauritania |

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TABLE B-8. Coastlines/Countries/Oceans Character Value Description
Table (continued).

| | | | | |
|-----|-------------|-----|----|---------------------------|
| 449 | cocline.lft | nm3 | MT | Malta |
| 450 | cocline.lft | nm3 | MU | Oman |
| 451 | cocline.lft | nm3 | MV | Maldives |
| 452 | cocline.lft | nm3 | MW | Montenegro |
| 453 | cocline.lft | nm3 | MX | Mexico |
| 454 | cocline.lft | nm3 | MY | Malaysia |
| 455 | cocline.lft | nm3 | MZ | Mozambique |
| 456 | cocline.lft | nm3 | NC | New Caledonia |
| 457 | cocline.lft | nm3 | NE | Niue |
| 458 | cocline.lft | nm3 | NF | Norfolk Island |
| 459 | cocline.lft | nm3 | NG | Niger |
| 460 | cocline.lft | nm3 | NH | Vanuatu |
| 461 | cocline.lft | nm3 | NI | Nigeria |
| 462 | cocline.lft | nm3 | NL | Netherlands |
| 463 | cocline.lft | nm3 | NO | Norway |
| 464 | cocline.lft | nm3 | NP | Nepal |
| 465 | cocline.lft | nm3 | NR | Nauru |
| 466 | cocline.lft | nm3 | NS | Suriname |
| 467 | cocline.lft | nm3 | NT | Netherlands Antilles |
| 468 | cocline.lft | nm3 | NU | Nicaragua |
| 469 | cocline.lft | nm3 | NZ | New Zealand |
| 470 | cocline.lft | nm3 | OS | No Sovereignty |
| 471 | cocline.lft | nm3 | PA | Paraguay |
| 472 | cocline.lft | nm3 | PC | Pitcairn Islands |
| 473 | cocline.lft | nm3 | PE | Peru |
| 474 | cocline.lft | nm3 | PF | Paracel Islands |
| 475 | cocline.lft | nm3 | PG | Spratly Islands |
| 476 | cocline.lft | nm3 | PK | Pakistan |
| 477 | cocline.lft | nm3 | PL | Poland |
| 478 | cocline.lft | nm3 | PM | Panama |
| 479 | cocline.lft | nm3 | PO | Portugal |
| 480 | cocline.lft | nm3 | PP | Papua New Guinea |
| 481 | cocline.lft | nm3 | PS | Palau |
| 482 | cocline.lft | nm3 | PU | Guinea-Bissau |
| 483 | cocline.lft | nm3 | QA | Qatar |
| 484 | cocline.lft | nm3 | RE | Reunion |
| 485 | cocline.lft | nm3 | RM | Marshall Islands |
| 486 | cocline.lft | nm3 | RO | Romania |
| 487 | cocline.lft | nm3 | RP | Philippines |
| 488 | cocline.lft | nm3 | RQ | Puerto Rico |
| 489 | cocline.lft | nm3 | RS | Russia |
| 490 | cocline.lft | nm3 | RW | Rwanda |
| 491 | cocline.lft | nm3 | SA | Saudi Arabia |
| 492 | cocline.lft | nm3 | SB | Saint Pierre and Miquelon |
| 493 | cocline.lft | nm3 | SC | Saint Kitts and Nevis |
| 494 | cocline.lft | nm3 | SE | Seychelles |
| 495 | cocline.lft | nm3 | SF | South Africa |
| 496 | cocline.lft | nm3 | SG | Senegal |
| 497 | cocline.lft | nm3 | SH | Saint Helena |
| 498 | cocline.lft | nm3 | SI | Slovenia |
| 499 | cocline.lft | nm3 | SL | Sierra Leone |
| 500 | cocline.lft | nm3 | SM | San Marino |
| 501 | cocline.lft | nm3 | SN | Singapore |

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TABLE B-8. Coastlines/Countries/Oceans Character Value Description Table (continued).

| | | | | |
|-----|-------------|-----|----|--|
| 502 | cocline.lft | nm3 | SO | Somalia |
| 503 | cocline.lft | nm3 | SP | Spain |
| 504 | cocline.lft | nm3 | SR | Serbia |
| 505 | cocline.lft | nm3 | ST | Saint Lucia |
| 506 | cocline.lft | nm3 | SU | Sudan |
| 507 | cocline.lft | nm3 | SV | Svalbard |
| 508 | cocline.lft | nm3 | SW | Sweden |
| 509 | cocline.lft | nm3 | SX | South Georgia and the South Sandwich Islands |
| 510 | cocline.lft | nm3 | SY | Syria |
| 511 | cocline.lft | nm3 | SZ | Switzerland |
| 512 | cocline.lft | nm3 | TD | Trinidad and Tobago |
| 513 | cocline.lft | nm3 | TE | Tromelin Island |
| 514 | cocline.lft | nm3 | TH | Thailand |
| 515 | cocline.lft | nm3 | TI | Tajikistan |
| 516 | cocline.lft | nm3 | TK | Turks and Caicos Islands |
| 517 | cocline.lft | nm3 | TL | Tokelau |
| 518 | cocline.lft | nm3 | TN | Tonga |
| 519 | cocline.lft | nm3 | TO | Togo |
| 520 | cocline.lft | nm3 | TP | Sao Tome and Principe |
| 521 | cocline.lft | nm3 | TS | Tunisia |
| 522 | cocline.lft | nm3 | TU | Turkey |
| 523 | cocline.lft | nm3 | TV | Tuvalu |
| 524 | cocline.lft | nm3 | TW | Taiwan |
| 525 | cocline.lft | nm3 | TX | Turkmenistan |
| 526 | cocline.lft | nm3 | TZ | Tanzania |
| 527 | cocline.lft | nm3 | UG | Uganda |
| 528 | cocline.lft | nm3 | UK | United Kingdom |
| 529 | cocline.lft | nm3 | UN | UN Control |
| 530 | cocline.lft | nm3 | UP | Ukraine |
| 531 | cocline.lft | nm3 | US | United States |
| 532 | cocline.lft | nm3 | UV | Burkina Faso |
| 533 | cocline.lft | nm3 | UY | Uruguay |
| 534 | cocline.lft | nm3 | UZ | Uzbekistan |
| 535 | cocline.lft | nm3 | VC | Saint Vincent and the Grenadines |
| 536 | cocline.lft | nm3 | VE | Venezuela |
| 537 | cocline.lft | nm3 | VI | British Virgin Islands |
| 538 | cocline.lft | nm3 | VM | Vietnam |
| 539 | cocline.lft | nm3 | VQ | Virgin Islands |
| 540 | cocline.lft | nm3 | VT | Vatican City |
| 541 | cocline.lft | nm3 | WA | Namibia |
| 542 | cocline.lft | nm3 | WE | West Bank |
| 543 | cocline.lft | nm3 | WF | Wallis and Futuna |
| 544 | cocline.lft | nm3 | WI | Western Sahara |
| 545 | cocline.lft | nm3 | WQ | Wake Island |
| 546 | cocline.lft | nm3 | WS | Samoa |
| 547 | cocline.lft | nm3 | WZ | Swaziland |
| 548 | cocline.lft | nm3 | YM | Yemen |
| 549 | cocline.lft | nm3 | YY | Other |
| 550 | cocline.lft | nm3 | ZA | Zambia |
| 551 | cocline.lft | nm3 | ZI | Zimbabwe |
| 552 | cocline.lft | nm4 | -A | Asia |

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TABLE B-8. Coastlines/Countries/Oceans Character Value Description Table (continued).

| | | | | |
|-----|-------------|-----|----|-----------------------------|
| 553 | cocline.lft | nm4 | -E | Europe |
| 554 | cocline.lft | nm4 | -F | Africa |
| 555 | cocline.lft | nm4 | -I | Island |
| 556 | cocline.lft | nm4 | -N | North America |
| 557 | cocline.lft | nm4 | -S | South America |
| 558 | cocline.lft | nm4 | -T | Antarctica |
| 559 | cocline.lft | nm4 | -U | Australia |
| 560 | cocline.lft | nm4 | /U | No entry present |
| 561 | cocline.lft | nm4 | AA | Aruba |
| 562 | cocline.lft | nm4 | AC | Antigua and Barbuda |
| 563 | cocline.lft | nm4 | AE | United Arab Emirates |
| 564 | cocline.lft | nm4 | AF | Afghanistan |
| 565 | cocline.lft | nm4 | AG | Algeria |
| 566 | cocline.lft | nm4 | AJ | Azerbaijan |
| 567 | cocline.lft | nm4 | AL | Albania |
| 568 | cocline.lft | nm4 | AM | Armenia |
| 569 | cocline.lft | nm4 | AN | Andorra |
| 570 | cocline.lft | nm4 | AO | Angola |
| 571 | cocline.lft | nm4 | AQ | American Samoa |
| 572 | cocline.lft | nm4 | AR | Argentina |
| 573 | cocline.lft | nm4 | AS | Australia |
| 574 | cocline.lft | nm4 | AT | Ashmore and Cartier Islands |
| 575 | cocline.lft | nm4 | AU | Austria |
| 576 | cocline.lft | nm4 | AV | Anguilla |
| 577 | cocline.lft | nm4 | AY | Antarctica |
| 578 | cocline.lft | nm4 | BA | Bahrain |
| 579 | cocline.lft | nm4 | BB | Barbados |
| 580 | cocline.lft | nm4 | BC | Botswana |
| 581 | cocline.lft | nm4 | BD | Bermuda |
| 582 | cocline.lft | nm4 | BE | Belgium |
| 583 | cocline.lft | nm4 | BF | The Bahamas |
| 584 | cocline.lft | nm4 | BG | Bangladesh |
| 585 | cocline.lft | nm4 | BH | Belize |
| 586 | cocline.lft | nm4 | BK | Bosnia and Herzegovina |
| 587 | cocline.lft | nm4 | BL | Bolivia |
| 588 | cocline.lft | nm4 | BM | Burma |
| 589 | cocline.lft | nm4 | BN | Benin |
| 590 | cocline.lft | nm4 | BO | Belarus |
| 591 | cocline.lft | nm4 | BP | Solomon Islands |
| 592 | cocline.lft | nm4 | BQ | Navassa Island |
| 593 | cocline.lft | nm4 | BR | Brazil |
| 594 | cocline.lft | nm4 | BS | Bassas Da India |
| 595 | cocline.lft | nm4 | BT | Bhutan |
| 596 | cocline.lft | nm4 | BU | Bulgaria |
| 597 | cocline.lft | nm4 | BV | Bouvet Island |
| 598 | cocline.lft | nm4 | BX | Brunei |
| 599 | cocline.lft | nm4 | BY | Burundi |
| 600 | cocline.lft | nm4 | CA | Canada |
| 601 | cocline.lft | nm4 | CB | Cambodia |
| 602 | cocline.lft | nm4 | CD | Chad |
| 603 | cocline.lft | nm4 | CE | Sri Lanka |
| 604 | cocline.lft | nm4 | CF | Congo |

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TABLE B-8. Coastlines/Countries/Oceans Character Value Description Table (continued).

| | | | | |
|-----|-------------|-----|----|-------------------------------------|
| 605 | cocline.lft | nm4 | CG | Congo (Democratic Republic of the) |
| 606 | cocline.lft | nm4 | CH | China |
| 607 | cocline.lft | nm4 | CI | Chile |
| 608 | cocline.lft | nm4 | CJ | Cayman Islands |
| 609 | cocline.lft | nm4 | CK | Cocos (Keeling) Islands |
| 610 | cocline.lft | nm4 | CM | Cameroon |
| 611 | cocline.lft | nm4 | CN | Comoros |
| 612 | cocline.lft | nm4 | CO | Colombia |
| 613 | cocline.lft | nm4 | CQ | Northern Mariana Islands |
| 614 | cocline.lft | nm4 | CR | Coral Sea Islands |
| 615 | cocline.lft | nm4 | CS | Costa Rica |
| 616 | cocline.lft | nm4 | CT | Central African Republic |
| 617 | cocline.lft | nm4 | CU | Cuba |
| 618 | cocline.lft | nm4 | CV | Cape Verde |
| 619 | cocline.lft | nm4 | CW | Cook Islands |
| 620 | cocline.lft | nm4 | CY | Cyprus |
| 621 | cocline.lft | nm4 | DA | Denmark |
| 622 | cocline.lft | nm4 | DJ | Djibouti |
| 623 | cocline.lft | nm4 | DO | Dominica |
| 624 | cocline.lft | nm4 | DQ | Jarvis Island |
| 625 | cocline.lft | nm4 | DR | Dominican Republic |
| 626 | cocline.lft | nm4 | EC | Ecuador |
| 627 | cocline.lft | nm4 | EG | Egypt |
| 628 | cocline.lft | nm4 | EI | Ireland |
| 629 | cocline.lft | nm4 | EK | Equatorial Guinea |
| 630 | cocline.lft | nm4 | EN | Estonia |
| 631 | cocline.lft | nm4 | ER | Eritrea |
| 632 | cocline.lft | nm4 | ES | El Salvador |
| 633 | cocline.lft | nm4 | ET | Ethiopia |
| 634 | cocline.lft | nm4 | EU | Europa Island |
| 635 | cocline.lft | nm4 | EZ | Czech Republic |
| 636 | cocline.lft | nm4 | FG | French Guiana |
| 637 | cocline.lft | nm4 | FI | Finland |
| 638 | cocline.lft | nm4 | FJ | Fiji |
| 639 | cocline.lft | nm4 | FK | Falkland Islands (Islas Malvinas) |
| 640 | cocline.lft | nm4 | FM | Federated States of Micronesia |
| 641 | cocline.lft | nm4 | FO | Faroe Islands |
| 642 | cocline.lft | nm4 | FP | French Polynesia |
| 643 | cocline.lft | nm4 | FQ | Baker Island |
| 644 | cocline.lft | nm4 | FR | France |
| 645 | cocline.lft | nm4 | FS | French Southern and Antarctic Lands |
| 646 | cocline.lft | nm4 | GA | The Gambia |
| 647 | cocline.lft | nm4 | GB | Gabon |
| 648 | cocline.lft | nm4 | GG | Georgia |
| 649 | cocline.lft | nm4 | GH | Ghana |
| 650 | cocline.lft | nm4 | GI | Gibraltar |
| 651 | cocline.lft | nm4 | GJ | Grenada |
| 652 | cocline.lft | nm4 | GK | Guernsey |
| 653 | cocline.lft | nm4 | GL | Greenland |
| 654 | cocline.lft | nm4 | GM | Germany |

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TABLE B-8. Coastlines/Countries/Oceans Character Value Description
Table (continued).

| | | | | |
|-----|-------------|-----|----|-----------------------------------|
| 655 | cocline.lft | nm4 | GO | Glorioso Islands |
| 656 | cocline.lft | nm4 | GP | Guadeloupe |
| 657 | cocline.lft | nm4 | GQ | Guam |
| 658 | cocline.lft | nm4 | GR | Greece |
| 659 | cocline.lft | nm4 | GT | Guatemala |
| 660 | cocline.lft | nm4 | GV | Guinea |
| 661 | cocline.lft | nm4 | GY | Guyana |
| 662 | cocline.lft | nm4 | GZ | Gaza Strip |
| 663 | cocline.lft | nm4 | HA | Haiti |
| 664 | cocline.lft | nm4 | HK | Hong Kong |
| 665 | cocline.lft | nm4 | HM | Heard Island and McDonald Islands |
| 666 | cocline.lft | nm4 | HO | Honduras |
| 667 | cocline.lft | nm4 | HQ | Howland Island |
| 668 | cocline.lft | nm4 | HR | Croatia |
| 669 | cocline.lft | nm4 | HU | Hungary |
| 670 | cocline.lft | nm4 | IC | Iceland |
| 671 | cocline.lft | nm4 | ID | Indonesia |
| 672 | cocline.lft | nm4 | IM | Isle of Man |
| 673 | cocline.lft | nm4 | IN | India |
| 674 | cocline.lft | nm4 | IO | British Indian Ocean Territory |
| 675 | cocline.lft | nm4 | IP | Clipperton Island |
| 676 | cocline.lft | nm4 | IR | Iran |
| 677 | cocline.lft | nm4 | IS | Israel |
| 678 | cocline.lft | nm4 | IT | Italy |
| 679 | cocline.lft | nm4 | IV | Cote D'Ivoire |
| 680 | cocline.lft | nm4 | IZ | Iraq |
| 681 | cocline.lft | nm4 | JA | Japan |
| 682 | cocline.lft | nm4 | JE | Jersey |
| 683 | cocline.lft | nm4 | JM | Jamaica |
| 684 | cocline.lft | nm4 | JN | Jan Mayen |
| 685 | cocline.lft | nm4 | JO | Jordan |
| 686 | cocline.lft | nm4 | JQ | Johnston Atoll |
| 687 | cocline.lft | nm4 | JU | Juan De Nova Island |
| 688 | cocline.lft | nm4 | KE | Kenya |
| 689 | cocline.lft | nm4 | KG | Kyrgyzstan |
| 690 | cocline.lft | nm4 | KN | North Korea |
| 691 | cocline.lft | nm4 | KQ | Kingman Reef |
| 692 | cocline.lft | nm4 | KR | Kiribati |
| 693 | cocline.lft | nm4 | KS | South Korea |
| 694 | cocline.lft | nm4 | KT | Christmas Island |
| 695 | cocline.lft | nm4 | KU | Kuwait |
| 696 | cocline.lft | nm4 | KZ | Kazakhstan |
| 697 | cocline.lft | nm4 | LA | Laos |
| 698 | cocline.lft | nm4 | LE | Lebanon |
| 699 | cocline.lft | nm4 | LG | Latvia |
| 700 | cocline.lft | nm4 | LH | Lithuania |
| 701 | cocline.lft | nm4 | LI | Liberia |
| 702 | cocline.lft | nm4 | LO | Slovakia |
| 703 | cocline.lft | nm4 | LQ | Palmyra Atoll |
| 704 | cocline.lft | nm4 | LS | Liechtenstein |
| 705 | cocline.lft | nm4 | LT | Lesotho |
| 706 | cocline.lft | nm4 | LU | Luxembourg |

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TABLE B-8. Coastlines/Countries/Oceans Character Value Description Table (continued).

| | | | | |
|-----|-------------|-----|----|---|
| 707 | cocline.lft | nm4 | LY | Libya |
| 708 | cocline.lft | nm4 | MA | Madagascar |
| 709 | cocline.lft | nm4 | MB | Martinique |
| 710 | cocline.lft | nm4 | MC | Macau |
| 711 | cocline.lft | nm4 | MD | Moldova |
| 712 | cocline.lft | nm4 | MF | Mayotte |
| 713 | cocline.lft | nm4 | MG | Mongolia |
| 714 | cocline.lft | nm4 | MH | Montserrat |
| 715 | cocline.lft | nm4 | MI | Malawi |
| 716 | cocline.lft | nm4 | MK | The Former Yugoslav Republic of Macedonia |
| 717 | cocline.lft | nm4 | ML | Mali |
| 718 | cocline.lft | nm4 | MN | Monaco |
| 719 | cocline.lft | nm4 | MO | Morocco |
| 720 | cocline.lft | nm4 | MP | Mauritius |
| 721 | cocline.lft | nm4 | MQ | Midway Islands |
| 722 | cocline.lft | nm4 | MR | Mauritania |
| 723 | cocline.lft | nm4 | MT | Malta |
| 724 | cocline.lft | nm4 | MU | Oman |
| 725 | cocline.lft | nm4 | MV | Maldives |
| 726 | cocline.lft | nm4 | MW | Montenegro |
| 727 | cocline.lft | nm4 | MX | Mexico |
| 728 | cocline.lft | nm4 | MY | Malaysia |
| 729 | cocline.lft | nm4 | MZ | Mozambique |
| 730 | cocline.lft | nm4 | NC | New Caledonia |
| 731 | cocline.lft | nm4 | NE | Niue |
| 732 | cocline.lft | nm4 | NF | Norfolk Island |
| 733 | cocline.lft | nm4 | NG | Niger |
| 734 | cocline.lft | nm4 | NH | Vanuatu |
| 735 | cocline.lft | nm4 | NI | Nigeria |
| 736 | cocline.lft | nm4 | NL | Netherlands |
| 737 | cocline.lft | nm4 | NO | Norway |
| 738 | cocline.lft | nm4 | NP | Nepal |
| 739 | cocline.lft | nm4 | NR | Nauru |
| 740 | cocline.lft | nm4 | NS | Suriname |
| 741 | cocline.lft | nm4 | NT | Netherlands Antilles |
| 742 | cocline.lft | nm4 | NU | Nicaragua |
| 743 | cocline.lft | nm4 | NZ | New Zealand |
| 744 | cocline.lft | nm4 | OS | No Sovereignty |
| 745 | cocline.lft | nm4 | PA | Paraguay |
| 746 | cocline.lft | nm4 | PC | Pitcairn Islands |
| 747 | cocline.lft | nm4 | PE | Peru |
| 748 | cocline.lft | nm4 | PF | Paracel Islands |
| 749 | cocline.lft | nm4 | PG | Spratly Islands |
| 750 | cocline.lft | nm4 | PK | Pakistan |
| 751 | cocline.lft | nm4 | PL | Poland |
| 752 | cocline.lft | nm4 | PM | Panama |
| 753 | cocline.lft | nm4 | PO | Portugal |
| 754 | cocline.lft | nm4 | PP | Papua New Guinea |
| 755 | cocline.lft | nm4 | PS | Palau |
| 756 | cocline.lft | nm4 | PU | Guinea-Bissau |
| 757 | cocline.lft | nm4 | QA | Qatar |
| 758 | cocline.lft | nm4 | RE | Reunion |

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TABLE B-8. Coastlines/Countries/Oceans Character Value Description Table (continued).

| | | | | |
|-----|-------------|-----|----|--|
| 759 | cocline.lft | nm4 | RM | Marshall Islands |
| 760 | cocline.lft | nm4 | RO | Romania |
| 761 | cocline.lft | nm4 | RP | Philippines |
| 762 | cocline.lft | nm4 | RQ | Puerto Rico |
| 763 | cocline.lft | nm4 | RS | Russia |
| 764 | cocline.lft | nm4 | RW | Rwanda |
| 765 | cocline.lft | nm4 | SA | Saudi Arabia |
| 766 | cocline.lft | nm4 | SB | Saint Pierre and Miquelon |
| 767 | cocline.lft | nm4 | SC | Saint Kitts and Nevis |
| 768 | cocline.lft | nm4 | SE | Seychelles |
| 769 | cocline.lft | nm4 | SF | South Africa |
| 770 | cocline.lft | nm4 | SG | Senegal |
| 771 | cocline.lft | nm4 | SH | Saint Helena |
| 772 | cocline.lft | nm4 | SI | Slovenia |
| 773 | cocline.lft | nm4 | SL | Sierra Leone |
| 774 | cocline.lft | nm4 | SM | San Marino |
| 775 | cocline.lft | nm4 | SN | Singapore |
| 776 | cocline.lft | nm4 | SO | Somalia |
| 777 | cocline.lft | nm4 | SP | Spain |
| 778 | cocline.lft | nm4 | SR | Serbia |
| 779 | cocline.lft | nm4 | ST | Saint Lucia |
| 780 | cocline.lft | nm4 | SU | Sudan |
| 781 | cocline.lft | nm4 | SV | Svalbard |
| 782 | cocline.lft | nm4 | SW | Sweden |
| 783 | cocline.lft | nm4 | SX | South Georgia and the South Sandwich Islands |
| 784 | cocline.lft | nm4 | SY | Syria |
| 785 | cocline.lft | nm4 | SZ | Switzerland |
| 786 | cocline.lft | nm4 | TD | Trinidad and Tobago |
| 787 | cocline.lft | nm4 | TE | Tromelin Island |
| 788 | cocline.lft | nm4 | TH | Thailand |
| 789 | cocline.lft | nm4 | TI | Tajikistan |
| 790 | cocline.lft | nm4 | TK | Turks and Caicos Islands |
| 791 | cocline.lft | nm4 | TL | Tokelau |
| 792 | cocline.lft | nm4 | TN | Tonga |
| 793 | cocline.lft | nm4 | TO | Togo |
| 794 | cocline.lft | nm4 | TP | Sao Tome and Principe |
| 795 | cocline.lft | nm4 | TS | Tunisia |
| 796 | cocline.lft | nm4 | TU | Turkey |
| 797 | cocline.lft | nm4 | TV | Tuvalu |
| 798 | cocline.lft | nm4 | TW | Taiwan |
| 799 | cocline.lft | nm4 | TX | Turkmenistan |
| 800 | cocline.lft | nm4 | TZ | Tanzania |
| 801 | cocline.lft | nm4 | UG | Uganda |
| 802 | cocline.lft | nm4 | UK | United Kingdom |
| 803 | cocline.lft | nm4 | UN | UN Control |
| 804 | cocline.lft | nm4 | UP | Ukraine |
| 805 | cocline.lft | nm4 | US | United States |
| 806 | cocline.lft | nm4 | UV | Burkina Faso |
| 807 | cocline.lft | nm4 | UY | Uruguay |
| 808 | cocline.lft | nm4 | UZ | Uzbekistan |
| 809 | cocline.lft | nm4 | VC | Saint Vincent and the Grenadines |

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TABLE B-8. Coastlines/Countries/Oceans Character Value Description Table (continued).

| | | | | |
|-----|-------------|------|-------|-----------------------------|
| 810 | cocline.lft | nm4 | VE | Venezuela |
| 811 | cocline.lft | nm4 | VI | British Virgin Islands |
| 812 | cocline.lft | nm4 | VM | Vietnam |
| 813 | cocline.lft | nm4 | VQ | Virgin Islands |
| 814 | cocline.lft | nm4 | VT | Vatican City |
| 815 | cocline.lft | nm4 | WA | Namibia |
| 816 | cocline.lft | nm4 | WE | West Bank |
| 817 | cocline.lft | nm4 | WF | Wallis and Futuna |
| 818 | cocline.lft | nm4 | WI | Western Sahara |
| 819 | cocline.lft | nm4 | WQ | Wake Island |
| 820 | cocline.lft | nm4 | WS | Samoa |
| 821 | cocline.lft | nm4 | WZ | Swaziland |
| 822 | cocline.lft | nm4 | YM | Yemen |
| 823 | cocline.lft | nm4 | YY | Other |
| 824 | cocline.lft | nm4 | ZA | Zambia |
| 825 | cocline.lft | nm4 | ZI | Zimbabwe |
| 826 | coctext.tft | facc | ZD040 | Named Location |
| 827 | coctext.tft | nam | AA | Aruba |
| 828 | coctext.tft | nam | AC | Antigua and Barbuda |
| 829 | coctext.tft | nam | AE | United Arab Emirates |
| 830 | coctext.tft | nam | AF | Afghanistan |
| 831 | coctext.tft | nam | AG | Algeria |
| 832 | coctext.tft | nam | AJ | Azerbaijan |
| 833 | coctext.tft | nam | AL | Albania |
| 834 | coctext.tft | nam | AM | Armenia |
| 835 | coctext.tft | nam | AN | Andorra |
| 836 | coctext.tft | nam | AO | Angola |
| 837 | coctext.tft | nam | AQ | American Samoa |
| 838 | coctext.tft | nam | AR | Argentina |
| 839 | coctext.tft | nam | AS | Australia |
| 840 | coctext.tft | nam | AT | Ashmore and Cartier Islands |
| 841 | coctext.tft | nam | AU | Austria |
| 842 | coctext.tft | nam | AV | Anguilla |
| 843 | coctext.tft | nam | AY | Antarctica |
| 844 | coctext.tft | nam | BA | Bahrain |
| 845 | coctext.tft | nam | BB | Barbados |
| 846 | coctext.tft | nam | BC | Botswana |
| 847 | coctext.tft | nam | BD | Bermuda |
| 848 | coctext.tft | nam | BE | Belgium |
| 849 | coctext.tft | nam | BF | The Bahamas |
| 850 | coctext.tft | nam | BG | Bangladesh |
| 851 | coctext.tft | nam | BH | Belize |
| 852 | coctext.tft | nam | BK | Bosnia and Herzegovina |
| 853 | coctext.tft | nam | BL | Bolivia |
| 854 | coctext.tft | nam | BM | Burma |
| 855 | coctext.tft | nam | BN | Benin |
| 856 | coctext.tft | nam | BO | Belarus |
| 857 | coctext.tft | nam | BP | Solomon Islands |
| 858 | coctext.tft | nam | BQ | Navassa Island |
| 859 | coctext.tft | nam | BR | Brazil |
| 860 | coctext.tft | nam | BS | Bassas Da India |
| 861 | coctext.tft | nam | BT | Bhutan |
| 862 | coctext.tft | nam | BU | Bulgaria |

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TABLE B-8. Coastlines/Countries/Oceans Character Value Description Table (continued).

| | | | | |
|-----|-------------|-----|----|-------------------------------------|
| 863 | coctext.tft | nam | BV | Bouvet Island |
| 864 | coctext.tft | nam | BX | Brunei |
| 865 | coctext.tft | nam | BY | Burundi |
| 866 | coctext.tft | nam | CA | Canada |
| 867 | coctext.tft | nam | CB | Cambodia |
| 868 | coctext.tft | nam | CD | Chad |
| 869 | coctext.tft | nam | CE | Sri Lanka |
| 870 | coctext.tft | nam | CF | Congo |
| 871 | coctext.tft | nam | CG | Congo (Democratic Republic of the) |
| 872 | coctext.tft | nam | CH | China |
| 873 | coctext.tft | nam | CI | Chile |
| 874 | coctext.tft | nam | CJ | Cayman Islands |
| 875 | coctext.tft | nam | CK | Cocos (Keeling) Islands |
| 876 | coctext.tft | nam | CM | Cameroon |
| 877 | coctext.tft | nam | CN | Comoros |
| 878 | coctext.tft | nam | CO | Colombia |
| 879 | coctext.tft | nam | CQ | Northern Mariana Islands |
| 880 | coctext.tft | nam | CR | Coral Sea Islands |
| 881 | coctext.tft | nam | CS | Costa Rica |
| 882 | coctext.tft | nam | CT | Central African Republic |
| 883 | coctext.tft | nam | CU | Cuba |
| 884 | coctext.tft | nam | CV | Cape Verde |
| 885 | coctext.tft | nam | CW | Cook Islands |
| 886 | coctext.tft | nam | CY | Cyprus |
| 887 | coctext.tft | nam | DA | Denmark |
| 888 | coctext.tft | nam | DJ | Djibouti |
| 889 | coctext.tft | nam | DO | Dominica |
| 890 | coctext.tft | nam | DQ | Jarvis Island |
| 891 | coctext.tft | nam | DR | Dominican Republic |
| 892 | coctext.tft | nam | EC | Ecuador |
| 893 | coctext.tft | nam | EG | Egypt |
| 894 | coctext.tft | nam | EI | Ireland |
| 895 | coctext.tft | nam | EK | Equatorial Guinea |
| 896 | coctext.tft | nam | EN | Estonia |
| 897 | coctext.tft | nam | ER | Eritrea |
| 898 | coctext.tft | nam | ES | El Salvador |
| 899 | coctext.tft | nam | ET | Ethiopia |
| 900 | coctext.tft | nam | EU | Europa Island |
| 901 | coctext.tft | nam | EZ | Czech Republic |
| 902 | coctext.tft | nam | FG | French Guiana |
| 903 | coctext.tft | nam | FI | Finland |
| 904 | coctext.tft | nam | FJ | Fiji |
| 905 | coctext.tft | nam | FK | Falkland Islands (Islas Malvinas) |
| 906 | coctext.tft | nam | FM | Federated States of Micronesia |
| 907 | coctext.tft | nam | FO | Faroe Islands |
| 908 | coctext.tft | nam | FP | French Polynesia |
| 909 | coctext.tft | nam | FQ | Baker Island |
| 910 | coctext.tft | nam | FR | France |
| 911 | coctext.tft | nam | FS | French Southern and Antarctic Lands |
| 912 | coctext.tft | nam | GA | The Gambia |

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TABLE B-8. Coastlines/Countries/Oceans Character Value Description Table (continued).

| | | | | |
|-----|-------------|-----|----|-----------------------------------|
| 913 | coctext.tft | nam | GB | Gabon |
| 914 | coctext.tft | nam | GG | Georgia |
| 915 | coctext.tft | nam | GH | Ghana |
| 916 | coctext.tft | nam | GI | Gibraltar |
| 917 | coctext.tft | nam | GJ | Grenada |
| 918 | coctext.tft | nam | GK | Guernsey |
| 919 | coctext.tft | nam | GL | Greenland |
| 920 | coctext.tft | nam | GM | Germany |
| 921 | coctext.tft | nam | GO | Glorioso Islands |
| 922 | coctext.tft | nam | GP | Guadeloupe |
| 923 | coctext.tft | nam | GQ | Guam |
| 924 | coctext.tft | nam | GR | Greece |
| 925 | coctext.tft | nam | GT | Guatemala |
| 926 | coctext.tft | nam | GV | Guinea |
| 927 | coctext.tft | nam | GY | Guyana |
| 928 | coctext.tft | nam | GZ | Gaza Strip |
| 929 | coctext.tft | nam | HA | Haiti |
| 930 | coctext.tft | nam | HK | Hong Kong |
| 931 | coctext.tft | nam | HM | Heard Island and McDonald Islands |
| 932 | coctext.tft | nam | HO | Honduras |
| 933 | coctext.tft | nam | HQ | Howland Island |
| 934 | coctext.tft | nam | HR | Croatia |
| 935 | coctext.tft | nam | HU | Hungary |
| 936 | coctext.tft | nam | IC | Iceland |
| 937 | coctext.tft | nam | ID | Indonesia |
| 938 | coctext.tft | nam | IM | Isle of Man |
| 939 | coctext.tft | nam | IN | India |
| 940 | coctext.tft | nam | IO | British Indian Ocean Territory |
| 941 | coctext.tft | nam | IP | Clipperton Island |
| 942 | coctext.tft | nam | IR | Iran |
| 943 | coctext.tft | nam | IS | Israel |
| 944 | coctext.tft | nam | IT | Italy |
| 945 | coctext.tft | nam | IV | Cote D'Ivoire |
| 946 | coctext.tft | nam | IZ | Iraq |
| 947 | coctext.tft | nam | JA | Japan |
| 948 | coctext.tft | nam | JE | Jersey |
| 949 | coctext.tft | nam | JM | Jamaica |
| 950 | coctext.tft | nam | JN | Jan Mayen |
| 951 | coctext.tft | nam | JO | Jordan |
| 952 | coctext.tft | nam | JQ | Johnston Atoll |
| 953 | coctext.tft | nam | JU | Juan De Nova Island |
| 954 | coctext.tft | nam | KE | Kenya |
| 955 | coctext.tft | nam | KG | Kyrgyzstan |
| 956 | coctext.tft | nam | KN | North Korea |
| 957 | coctext.tft | nam | KQ | Kingman Reef |
| 958 | coctext.tft | nam | KR | Kiribati |
| 959 | coctext.tft | nam | KS | South Korea |
| 960 | coctext.tft | nam | KT | Christmas Island |
| 961 | coctext.tft | nam | KU | Kuwait |
| 962 | coctext.tft | nam | KZ | Kazakhstan |
| 963 | coctext.tft | nam | LA | Laos |
| 964 | coctext.tft | nam | LE | Lebanon |

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TABLE B-8. Coastlines/Countries/Oceans Character Value Description
Table (continued).

| | | | | |
|------|-------------|-----|----|--|
| 965 | coctext.tft | nam | LG | Latvia |
| 966 | coctext.tft | nam | LH | Lithuania |
| 967 | coctext.tft | nam | LI | Liberia |
| 968 | coctext.tft | nam | LO | Slovakia |
| 969 | coctext.tft | nam | LQ | Palmyra Atoll |
| 970 | coctext.tft | nam | LS | Liechtenstein |
| 971 | coctext.tft | nam | LT | Lesotho |
| 972 | coctext.tft | nam | LU | Luxembourg |
| 973 | coctext.tft | nam | LY | Libya |
| 974 | coctext.tft | nam | MA | Madagascar |
| 975 | coctext.tft | nam | MB | Martinique |
| 976 | coctext.tft | nam | MC | Macau |
| 977 | coctext.tft | nam | MD | Moldova |
| 978 | coctext.tft | nam | MF | Mayotte |
| 979 | coctext.tft | nam | MG | Mongolia |
| 980 | coctext.tft | nam | MH | Montserrat |
| 981 | coctext.tft | nam | MI | Malawi |
| 982 | coctext.tft | nam | MK | The Former Yugoslav Republic of Macedonia |
| 983 | coctext.tft | nam | ML | Mali |
| 984 | coctext.tft | nam | MN | Monaco |
| 985 | coctext.tft | nam | MO | Morocco |
| 986 | coctext.tft | nam | MP | Mauritius |
| 987 | coctext.tft | nam | MQ | Midway Islands |
| 988 | coctext.tft | nam | MR | Mauritania |
| 989 | coctext.tft | nam | MT | Malta |
| 990 | coctext.tft | nam | MU | Oman |
| 991 | coctext.tft | nam | MV | Maldives |
| 992 | coctext.tft | nam | MW | Montenegro |
| 993 | coctext.tft | nam | MX | Mexico |
| 994 | coctext.tft | nam | MY | Malaysia |
| 995 | coctext.tft | nam | MZ | Mozambique |
| 996 | coctext.tft | nam | NC | New Caledonia |
| 997 | coctext.tft | nam | NE | Niue |
| 998 | coctext.tft | nam | NF | Norfolk Island |
| 999 | coctext.tft | nam | NG | Niger |
| 1000 | coctext.tft | nam | NH | Vanuatu |
| 1001 | coctext.tft | nam | NI | Nigeria |
| 1002 | coctext.tft | nam | NL | Netherlands |
| 1003 | coctext.tft | nam | NO | Norway |
| 1004 | coctext.tft | nam | NP | Nepal |
| 1005 | coctext.tft | nam | NR | Nauru |
| 1006 | coctext.tft | nam | NS | Suriname |
| 1007 | coctext.tft | nam | NT | Netherlands Antilles |
| 1008 | coctext.tft | nam | NU | Nicaragua |
| 1009 | coctext.tft | nam | NZ | New Zealand |
| 1010 | coctext.tft | nam | OS | No Sovereignty |
| 1011 | coctext.tft | nam | PA | Paraguay |
| 1012 | coctext.tft | nam | PC | Pitcairn Islands |
| 1013 | coctext.tft | nam | PE | Peru |
| 1014 | coctext.tft | nam | PF | Paracel Islands |
| 1015 | coctext.tft | nam | PG | Spratly Islands |
| 1016 | coctext.tft | nam | PK | Pakistan |

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TABLE B-8. Coastlines/Countries/Oceans Character Value Description Table (continued).

| | | | | |
|------|-------------|-----|----|--|
| 1017 | coctext.tft | nam | PL | Poland |
| 1018 | coctext.tft | nam | PM | Panama |
| 1019 | coctext.tft | nam | PO | Portugal |
| 1020 | coctext.tft | nam | PP | Papua New Guinea |
| 1021 | coctext.tft | nam | PS | Palau |
| 1022 | coctext.tft | nam | PU | Guinea-Bissau |
| 1023 | coctext.tft | nam | QA | Qatar |
| 1024 | coctext.tft | nam | RE | Reunion |
| 1025 | coctext.tft | nam | RM | Marshall Islands |
| 1026 | coctext.tft | nam | RO | Romania |
| 1027 | coctext.tft | nam | RP | Philippines |
| 1028 | coctext.tft | nam | RQ | Puerto Rico |
| 1029 | coctext.tft | nam | RS | Russia |
| 1030 | coctext.tft | nam | RW | Rwanda |
| 1031 | coctext.tft | nam | SA | Saudi Arabia |
| 1032 | coctext.tft | nam | SB | Saint Pierre and Miquelon |
| 1033 | coctext.tft | nam | SC | Saint Kitts and Nevis |
| 1034 | coctext.tft | nam | SE | Seychelles |
| 1035 | coctext.tft | nam | SF | South Africa |
| 1036 | coctext.tft | nam | SG | Senegal |
| 1037 | coctext.tft | nam | SH | Saint Helena |
| 1038 | coctext.tft | nam | SI | Slovenia |
| 1039 | coctext.tft | nam | SL | Sierra Leone |
| 1040 | coctext.tft | nam | SM | San Marino |
| 1041 | coctext.tft | nam | SN | Singapore |
| 1042 | coctext.tft | nam | SO | Somalia |
| 1043 | coctext.tft | nam | SP | Spain |
| 1044 | coctext.tft | nam | SR | Serbia |
| 1045 | coctext.tft | nam | ST | Saint Lucia |
| 1046 | coctext.tft | nam | SU | Sudan |
| 1047 | coctext.tft | nam | SV | Svalbard |
| 1048 | coctext.tft | nam | SW | Sweden |
| 1049 | coctext.tft | nam | SX | South Georgia and the South Sandwich Islands |
| 1050 | coctext.tft | nam | SY | Syria |
| 1051 | coctext.tft | nam | SZ | Switzerland |
| 1052 | coctext.tft | nam | TD | Trinidad and Tobago |
| 1053 | coctext.tft | nam | TE | Tromelin Island |
| 1054 | coctext.tft | nam | TH | Thailand |
| 1055 | coctext.tft | nam | TI | Tajikistan |
| 1056 | coctext.tft | nam | TK | Turks and Caicos Islands |
| 1057 | coctext.tft | nam | TL | Tokelau |
| 1058 | coctext.tft | nam | TN | Tonga |
| 1059 | coctext.tft | nam | TO | Togo |
| 1060 | coctext.tft | nam | TP | Sao Tome and Principe |
| 1061 | coctext.tft | nam | TS | Tunisia |
| 1062 | coctext.tft | nam | TU | Turkey |
| 1063 | coctext.tft | nam | TV | Tuvalu |
| 1064 | coctext.tft | nam | TW | Taiwan |
| 1065 | coctext.tft | nam | TX | Turkmenistan |
| 1066 | coctext.tft | nam | TZ | Tanzania |
| 1067 | coctext.tft | nam | UG | Uganda |
| 1068 | coctext.tft | nam | UK | United Kingdom |

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TABLE B-8. Coastlines/Countries/Oceans Character Value Description Table (continued).

| | | | | |
|------|-------------|-----|----|----------------------------------|
| 1069 | coctext.tft | nam | UN | UN Control |
| 1070 | coctext.tft | nam | UP | Ukraine |
| 1071 | coctext.tft | nam | US | United States |
| 1072 | coctext.tft | nam | UV | Burkina Faso |
| 1073 | coctext.tft | nam | UY | Uruguay |
| 1074 | coctext.tft | nam | UZ | Uzbekistan |
| 1075 | coctext.tft | nam | VC | Saint Vincent and the Grenadines |
| 1076 | coctext.tft | nam | VE | Venezuela |
| 1077 | coctext.tft | nam | VI | British Virgin Islands |
| 1078 | coctext.tft | nam | VM | Vietnam |
| 1079 | coctext.tft | nam | VQ | Virgin Islands |
| 1080 | coctext.tft | nam | VT | Vatican City |
| 1081 | coctext.tft | nam | WA | Namibia |
| 1082 | coctext.tft | nam | WE | West Bank |
| 1083 | coctext.tft | nam | WF | Wallis and Futuna |
| 1084 | coctext.tft | nam | WI | Western Sahara |
| 1085 | coctext.tft | nam | WQ | Wake Island |
| 1086 | coctext.tft | nam | WS | Samoa |
| 1087 | coctext.tft | nam | WZ | Swaziland |
| 1088 | coctext.tft | nam | YM | Yemen |
| 1089 | coctext.tft | nam | YY | Other |
| 1090 | coctext.tft | nam | ZA | Zambia |
| 1091 | coctext.tft | nam | ZI | Zimbabwe |

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TABLE B-9. Coastlines/Countries/Oceans Integer Value Description Table .

Thematic Layer: Coastlines/Countries/Oceans
 Coverage Name: **coc**
 Feature Table Description: Coastlines/Countries/Oceans Integer Value Description Table
 Table Name: **int.vdt**

| {Header length and byte order}; | | | | |
|--|-------------|-----|----|---------------------|
| Coastlines/Countries/Oceans Integer Value Description Table;-; | | | | |
| id=I,1,P,Row id,-,-,-,; | | | | |
| table=T,12,N,Name of the feature table,-,-,-,; | | | | |
| attribute=T,16,N,Column name,-,-,-,; | | | | |
| value=S,1,N,Unique value of attribute,-,-,-,; | | | | |
| description=T,*N,Description of attribute,-,-,-,;: | | | | |
| 1 | cocline.lft | acc | 1 | Accurate |
| 2 | cocline.lft | acc | 2 | Approximate |
| 3 | cocline.lft | bst | 0 | Unknown |
| 4 | cocline.lft | bst | 1 | Definite |
| 5 | cocline.lft | bst | 2 | Indefinite |
| 6 | cocline.lft | bst | 3 | In Dispute |
| 7 | cocline.lft | bst | 4 | No Defined Boundary |
| 8 | cocline.lft | use | 0 | Unknown |
| 9 | cocline.lft | use | 4 | National |
| 10 | cocline.lft | use | 23 | International |
| 11 | cocline.lft | use | 26 | Primary/1st Order |
| 12 | cocline.lft | use | 30 | Secondary/2nd Order |
| 13 | cocline.lft | use | 31 | Tertiary/3rd Order |

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TABLE B-10. Coastlines/Countries/Oceans Area Feature Table .

Thematic Layer: Coastlines/Countries/Oceans
 Coverage Name: **coc**
 Feature Table Description: Coastlines/Countries/Oceans Area Feature Table
 Table Name: **cocarea.aft**

```
{Header length and byte order};
Coastlines/Countries/Oceans Area Feature Table;-;
id=I,1,P,Row id,-,-,-,:
fac_id=I,1,N,Primitive id,-,fac_id.ati,-,:
facc=T,5,N,FACC Feature Code,char.vdt,facc.ati,-,:
nam=T,2,N,Country Name Code,char.vdt,nam.ati,-,:
tile_id=S,1,N,Tile id,-,tile_id.ati,-,;:
```

| Column | Description | Value | Value Meaning | Applicable f_code for Attribute Value |
|-------------|-------------------|---|-----------------------|---------------------------------------|
| id | Row Identifier | Sequential | beginning with 1 | |
| facc | FACC Feature Code | BA040 | Water (Except Inland) | |
| | | FA001 | Administrative Area | |
| nam | Name | -- | Null | BA040 |
| | | 2-character country code (see char.vdt) | | FA001 |
| | | "/U" (No entry present) | | FA001 |

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TABLE B-11. Coastlines/Countries/Oceans Line Feature Table.

Thematic Layer: Coastlines/Countries/Oceans
 Coverage Name: **coc**
 Feature Table Description: Coastlines/Countries/Oceans Line Feature Table
 Table Name: **cocline.lft**

Inclusion Conditions:

The following conditions are commensurate with a graphic scale of 1:250000. For additional information regarding the coastal shoreline composite see Appendix D.

Coastal Shorelines are included in the seven continents and islands that have a length greater than 180 meters. The length of the island is the longer of the two linear axes.

If a group of islands exist in a cluster, and the islands are less than 70 meters apart, they are generalized and shown as a single island, provided the grouping has a length greater than 180 meters.

If an island is less than 70 meters from the shoreline of the mainland or larger island, it is included as part of the larger feature.

Shorelines surrounding bays, fjords, and inlets are excluded when these features have entrances with widths less than 70 meters. The bay, fjord, or inlet is closed off by shoreline at the point where it becomes less than 70 meters wide.

```
{Header length and byte order};
Coastlines/Countries/Oceans Line Feature Table;-;
id=I,1,P,Row id,-,-,-,:
edg_id=I,1,N,Primitive id,-,edg_id.lti,-,:
facc=T,5,N,FACC Feature Code,char.vdt,facc.lti,-,:
acc=S,1,N,Accuracy Category,int.vdt,acc.lti,-,:
bst=S,1,N,Boundary Status Type,int.vdt,bst.lti,-,:
nm3=T,2,N,Name 3,char.vdt,nm3.lti,-,:
nm4=T,2,N,Name 4,char.vdt,nm4.lti,-,:
use=S,1,N,Usage,int.vdt,use.lti,-,:
tile_id=S,1,N,Tile id,-,tile_id.lti,-,;:
```

| Column | Description | Value | Value Meaning | Applicable f_code for Attribute Value |
|-------------|-------------------|------------|------------------------------|---------------------------------------|
| id | Row Identifier | Sequential | beginning with 1 | |
| facc | FACC Feature Code | BA010 | Coastline/Shoreline | |
| | | FA000 | Administrative Boundary | |
| | | FA020 | Armistice Line | |
| | | FA030 | Cease-Fire Line | |
| | | FA040 | Claim Line | |
| | | FA050 | Mandate Line/Convention Line | |
| | | FA060 | Defacto Boundary | |
| | | FA070 | Demilitarized Zone | |
| | | ZD003 | Artifact Location | |

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TABLE B-11. Coastlines/Countries/Oceans Line Feature Table (continued).

| Column | Description | Value | Value Meaning | Applicable f_code for Attribute Value |
|---------------|---|--------------|--|---|
| acc | Accuracy Category | -32768 | Null | BA010,ZD003 |
| | | 1 | Accurate | FA000,FA020,FA030, FA040,FA050,FA060, FA070 |
| | | 2 | Approximate | FA000,FA020,FA030, FA040,FA050,FA060, FA070 |
| bst | Boundary Status Type | -32768 | Null | BA010,ZD003 |
| | | 0 | Unknown | FA000,FA020,FA030, FA040,FA050,FA060, FA070 |
| | | 1 | Definite | FA000,FA020,FA030, FA040,FA050,FA060, FA070 |
| | | 2 | Indefinite | FA000,FA020,FA030, FA040,FA050,FA060 |
| | | 3 | In Dispute | FA000,FA020,FA030, FA040,FA050,FA060 |
| | | 4 | No Defined Boundary | FA000,FA020,FA030, FA040,FA050,FA060 |
| nm3 | Name 3 (name of the political entity on one side of a boundary) | -- | Null | ZD003 |
| | | | 2-character country code (see char.vdt) | BA010,FA000,FA020, FA030,FA040,FA050, FA060,FA070 |
| | | | "/U" (No entry present) | BA010,FA000,FA020, FA030,FA040,FA050, FA060,FA070 |

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TABLE B-11. Coastlines/Countries/Oceans Line Feature Table (continued).

| <u>Column</u> | <u>Description</u> | <u>Value</u> | <u>Value Meaning</u> | <u>Applicable f_code for Attribute Value</u> |
|---------------|---|--|----------------------|---|
| nm4 | Name 4 (name of the political entity on the other side of a boundary) | -- | Null | ZD003 |
| | | 2-character country code (see char.vdt) | | BA010,FA000,FA020, FA030,FA040,FA050, FA060,FA070 |
| | | "/U" (No entry present) | | BA010,FA000,FA020, FA030,FA040,FA050, FA060,FA070 |
| use | Usage | -32768 | Null | BA010,FA030,FA040, FA050,FA060,FA070, ZD003 |
| | | 0 | Unknown | FA000,FA020 |
| | | 4 | National | FA000,FA020 |
| | | 23 | International | FA000,FA020 |
| | | 26 | Primary/1st Order | FA000,FA020 |
| | | 30 | Secondary/2nd Order | FA000,FA020 |
| | | 31 | Tertiary/3rd Order | FA000,FA020 |

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TABLE B-12. Coastlines/Countries/Oceans Text Feature Table.

Thematic Layer: Coastlines/Countries/Oceans
 Coverage Name: **coc**
 Feature Table Description: Coastlines/Countries/Oceans Text Feature Table
 Table Name: **coctext.tft**

```
{Header length and byte order};
Coastlines/Countries/Oceans Text Feature Table;-;
id=I,1,P,Row id,-,-,-,:
txt_id=I,1,N,Primitive id,-,txt_id.tti,-,:
facc=T,5,N,FACC Feature Code,char.vdt,-,-,:
nam=T,2,N,Country Name Code,char.vdt,nam.tti,-,:
tile_id=S,1,N,Tile id,-,tile_id.tti,-,;:
```

| Column | Description | Value | Value Meaning | Applicable f_code for Attribute Value |
|-------------|-------------------|--|------------------|---------------------------------------|
| id | Row Identifier | Sequential | beginning with 1 | |
| facc | FACC Feature Code | ZD040 | Named Location | |
| nam | Name | 2-character country code (see char.vdt) | | ZD040 |

TABLE B-13. Content and Format for Coastlines/Countries/Oceans Feature Class Schema Table.

Thematic Layer: Coastlines/Countries/Oceans
 Coverage Name: **coc**
 Feature Table Description: Coastlines/Countries/Oceans Feature Class Schema Table
 Table Name: **fcs**

```
{Header length}L;
Coastlines/Countries/Oceans Feature Class Schema Table;-;
id=I,1,P,Row id,-,-,-,:
feature_class=T,8,N,Name of feature class,-,-,-,:
table1=T,12,N,The first table in a relationship,-,-,-,:
table1_key=T,*N,Join column name in first table,-,-,-,:
table2=T,12,N,The second table in a relationship,-,-,-,:
table2_key=T,*N,Join column name in second table,-,-,-,;:
```

| | | | | | |
|---|---------|-------------|----------------|-------------|----|
| 1 | cocarea | cocarea.aft | fac_id | fac | id |
| 2 | cocarea | fac | cocarea.aft_id | cocarea.aft | id |
| 3 | cocline | cocline.lft | edg_id | edg | id |
| 4 | cocline | edg | cocline.lft_id | cocline.lft | id |
| 5 | coctext | coctext.tft | txt_id | txt | id |
| 6 | coctext | txt | coctext.tft_id | coctext.tft | id |

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B.3.4 Maritime Boundaries coverage. **This coverage exists only in the WVS250K library.** This coverage contains the limits of sovereignty for each country as recognized by DoD 2005.1-M (the Maritime Claims Reference Manual) and a feature representing the combined land and water area of each country.

TABLE B-14. Maritime Boundaries Coverage List of FACC Codes, Attributes, and Associated Primitives.

| Feature name/attribute name | FACC code | attr. | Edg | fac | txt |
|------------------------------|-----------|-------|-----|-----|-----|
| Administrative Boundary | FA000 | | x | | |
| Boundary Status Type | | bst | | | |
| Name 3 | | nm3 | | | |
| Name 4 | | nm4 | | | |
| Administrative Area | FA001 | | | x | |
| Name | | nam | | | |
| Armistice Line | FA020 | | x | | |
| Boundary Status Type | | bst | | | |
| Name 3 | | nm3 | | | |
| Name 4 | | nm4 | | | |
| Cease-Fire Line | FA030 | | x | | |
| Boundary Status Type | | bst | | | |
| Name 3 | | nm3 | | | |
| Name 4 | | nm4 | | | |
| Claim Line | FA040 | | x | | |
| Boundary Status Type | | bst | | | |
| Name 3 | | nm3 | | | |
| Name 4 | | nm4 | | | |
| Mandate Line/Convention Line | FA050 | | x | | |
| Boundary Status Type | | bst | | | |
| Name 3 | | nm3 | | | |
| Name 4 | | nm4 | | | |
| Defacto Boundary | FA060 | | x | | |
| Boundary Status Type | | bst | | | |
| Name 3 | | nm3 | | | |
| Name 4 | | nm4 | | | |
| Demilitarized Zone | FA070 | | x | | |
| Boundary Status Type | | bst | | | |
| Name 3 | | nm3 | | | |
| Name 4 | | nm4 | | | |
| Maritime Limit Boundary | FC021 | | x | | |
| Boundary Status Type | | bst | | | |
| Maritime Boundary Limit | | mbl | | | |
| Name 3 | | nm3 | | | |
| Name 4 | | nm4 | | | |
| Artifact Location | ZD003 | - | x | | |
| Named Location | ZD040 | | | | x |
| Name | | nam | | | |

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TABLE B-15. Maritime Boundaries Character Value Description Table.

Note: The codes found in rows 277 and 544 of this table are valid only for FC021.

Thematic Layer: Maritime Boundaries
 Coverage Name: **mab**
 Feature Table Description: Maritime Boundaries Character Value Description Table
 Table Name: **char.vdt**

| {Header length and byte order}; Maritime Boundaries Character Value Description Table;-; id=I,1,P,Row id,-,-,-,; table=T,12,N,Name of the feature table,-,-,-,; attribute=T,16,N,Column name,-,-,-,; value=T,5,N,Unique value of attribute,-,-,-,; description=T,*,N,Description of attribute,-,-,-,;} | | | | |
|--|-------------|------|-------|-----------------------------|
| 1 | mabarea.aft | facc | FA001 | Administrative Area |
| 2 | mabarea.aft | nam | /U | No entry present |
| 3 | mabarea.aft | nam | AA | Aruba |
| 4 | mabarea.aft | nam | AC | Antigua and Barbuda |
| 5 | mabarea.aft | nam | AE | United Arab Emirates |
| 6 | mabarea.aft | nam | AF | Afghanistan |
| 7 | mabarea.aft | nam | AG | Algeria |
| 8 | mabarea.aft | nam | AJ | Azerbaijan |
| 9 | mabarea.aft | nam | AL | Albania |
| 10 | mabarea.aft | nam | AM | Armenia |
| 11 | mabarea.aft | nam | AN | Andorra |
| 12 | mabarea.aft | nam | AO | Angola |
| 13 | mabarea.aft | nam | AQ | American Samoa |
| 14 | mabarea.aft | nam | AR | Argentina |
| 15 | mabarea.aft | nam | AS | Australia |
| 16 | mabarea.aft | nam | AT | Ashmore and Cartier Islands |
| 17 | mabarea.aft | nam | AU | Austria |
| 18 | mabarea.aft | nam | AV | Anguilla |
| 19 | mabarea.aft | nam | AY | Antarctica |
| 20 | mabarea.aft | nam | BA | Bahrain |
| 21 | mabarea.aft | nam | BB | Barbados |
| 22 | mabarea.aft | nam | BC | Botswana |
| 23 | mabarea.aft | nam | BD | Bermuda |
| 24 | mabarea.aft | nam | BE | Belgium |
| 25 | mabarea.aft | nam | BF | The Bahamas |
| 26 | mabarea.aft | nam | BG | Bangladesh |
| 27 | mabarea.aft | nam | BH | Belize |
| 28 | mabarea.aft | nam | BK | Bosnia and Herzegovina |
| 29 | mabarea.aft | nam | BL | Bolivia |
| 30 | mabarea.aft | nam | BM | Burma |
| 31 | mabarea.aft | nam | BN | Benin |
| 32 | mabarea.aft | nam | BO | Belarus |
| 33 | mabarea.aft | nam | BP | Solomon Islands |
| 34 | mabarea.aft | nam | BQ | Navassa Island |
| 35 | mabarea.aft | nam | BR | Brazil |
| 36 | mabarea.aft | nam | BS | Bassas Da India |

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TABLE B-15. Maritime Boundaries Character Value Description Table
(continued).

| | | | | |
|----|-------------|-----|----|------------------------------------|
| 37 | mabarea.aft | nam | BT | Bhutan |
| 38 | mabarea.aft | nam | BU | Bulgaria |
| 39 | mabarea.aft | nam | BV | Bouvet Island |
| 40 | mabarea.aft | nam | BX | Brunei |
| 41 | mabarea.aft | nam | BY | Burundi |
| 42 | mabarea.aft | nam | CA | Canada |
| 43 | mabarea.aft | nam | CB | Cambodia |
| 44 | mabarea.aft | nam | CD | Chad |
| 45 | mabarea.aft | nam | CE | Sri Lanka |
| 46 | mabarea.aft | nam | CF | Congo |
| 47 | mabarea.aft | nam | CG | Congo (Democratic Republic of the) |
| 48 | mabarea.aft | nam | CH | China |
| 49 | mabarea.aft | nam | CI | Chile |
| 50 | mabarea.aft | nam | CJ | Cayman Islands |
| 51 | mabarea.aft | nam | CK | Cocos (Keeling) Islands |
| 52 | mabarea.aft | nam | CM | Cameroon |
| 53 | mabarea.aft | nam | CN | Comoros |
| 54 | mabarea.aft | nam | CO | Colombia |
| 55 | mabarea.aft | nam | CQ | Northern Mariana Islands |
| 56 | mabarea.aft | nam | CR | Coral Sea Islands |
| 57 | mabarea.aft | nam | CS | Costa Rica |
| 58 | mabarea.aft | nam | CT | Central African Republic |
| 59 | mabarea.aft | nam | CU | Cuba |
| 60 | mabarea.aft | nam | CV | Cape Verde |
| 61 | mabarea.aft | nam | CW | Cook Islands |
| 62 | mabarea.aft | nam | CY | Cyprus |
| 63 | mabarea.aft | nam | DA | Denmark |
| 64 | mabarea.aft | nam | DJ | Djibouti |
| 65 | mabarea.aft | nam | DO | Dominica |
| 66 | mabarea.aft | nam | DQ | Jarvis Island |
| 67 | mabarea.aft | nam | DR | Dominican Republic |
| 68 | mabarea.aft | nam | EC | Ecuador |
| 69 | mabarea.aft | nam | EG | Egypt |
| 70 | mabarea.aft | nam | EI | Ireland |
| 71 | mabarea.aft | nam | EK | Equatorial Guinea |
| 72 | mabarea.aft | nam | EN | Estonia |
| 73 | mabarea.aft | nam | ER | Eritrea |
| 74 | mabarea.aft | nam | ES | El Salvador |
| 75 | mabarea.aft | nam | ET | Ethiopia |
| 76 | mabarea.aft | nam | EU | Europa Island |
| 77 | mabarea.aft | nam | EZ | Czech Republic |
| 78 | mabarea.aft | nam | FG | French Guiana |
| 79 | mabarea.aft | nam | FI | Finland |
| 80 | mabarea.aft | nam | FJ | Fiji |
| 81 | mabarea.aft | nam | FK | Falkland Islands (Islas Malvinas) |
| 82 | mabarea.aft | nam | FM | Federated States of Micronesia |
| 83 | mabarea.aft | nam | FO | Faroe Islands |
| 84 | mabarea.aft | nam | FP | French Polynesia |
| 85 | mabarea.aft | nam | FQ | Baker Island |
| 86 | mabarea.aft | nam | FR | France |

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APPENDIX B

TABLE B-15. Maritime Boundaries Character Value Description Table
(continued).

| | | | | |
|-----|-------------|-----|----|-------------------------------------|
| 87 | mabarea.aft | nam | FS | French Southern and Antarctic Lands |
| 88 | mabarea.aft | nam | GA | The Gambia |
| 89 | mabarea.aft | nam | GB | Gabon |
| 90 | mabarea.aft | nam | GG | Georgia |
| 91 | mabarea.aft | nam | GH | Ghana |
| 92 | mabarea.aft | nam | GI | Gibraltar |
| 93 | mabarea.aft | nam | GJ | Grenada |
| 94 | mabarea.aft | nam | GK | Guernsey |
| 95 | mabarea.aft | nam | GL | Greenland |
| 96 | mabarea.aft | nam | GM | Germany |
| 97 | mabarea.aft | nam | GO | Glorioso Islands |
| 98 | mabarea.aft | nam | GP | Guadeloupe |
| 99 | mabarea.aft | nam | GQ | Guam |
| 100 | mabarea.aft | nam | GR | Greece |
| 101 | mabarea.aft | nam | GT | Guatemala |
| 102 | mabarea.aft | nam | GV | Guinea |
| 103 | mabarea.aft | nam | GY | Guyana |
| 104 | mabarea.aft | nam | GZ | Gaza Strip |
| 105 | mabarea.aft | nam | HA | Haiti |
| 106 | mabarea.aft | nam | HK | Hong Kong |
| 107 | mabarea.aft | nam | HM | Heard Island and McDonald Islands |
| 108 | mabarea.aft | nam | HO | Honduras |
| 109 | mabarea.aft | nam | HQ | Howland Island |
| 110 | mabarea.aft | nam | HR | Croatia |
| 111 | mabarea.aft | nam | HU | Hungary |
| 112 | mabarea.aft | nam | IC | Iceland |
| 113 | mabarea.aft | nam | ID | Indonesia |
| 114 | mabarea.aft | nam | IM | Isle of Man |
| 115 | mabarea.aft | nam | IN | India |
| 116 | mabarea.aft | nam | IO | British Indian Ocean Territory |
| 117 | mabarea.aft | nam | IP | Clipperton Island |
| 118 | mabarea.aft | nam | IR | Iran |
| 119 | mabarea.aft | nam | IS | Israel |
| 120 | mabarea.aft | nam | IT | Italy |
| 121 | mabarea.aft | nam | IV | Cote D'Ivoire |
| 122 | mabarea.aft | nam | IZ | Iraq |
| 123 | mabarea.aft | nam | JA | Japan |
| 124 | mabarea.aft | nam | JE | Jersey |
| 125 | mabarea.aft | nam | JM | Jamaica |
| 126 | mabarea.aft | nam | JN | Jan Mayen |
| 127 | mabarea.aft | nam | JO | Jordan |
| 128 | mabarea.aft | nam | JQ | Johnston Atoll |
| 129 | mabarea.aft | nam | JU | Juan De Nova Island |
| 130 | mabarea.aft | nam | KE | Kenya |
| 131 | mabarea.aft | nam | KG | Kyrgyzstan |
| 132 | mabarea.aft | nam | KN | North Korea |
| 133 | mabarea.aft | nam | KQ | Kingman Reef |
| 134 | mabarea.aft | nam | KR | Kiribati |
| 135 | mabarea.aft | nam | KS | South Korea |
| 136 | mabarea.aft | nam | KT | Christmas Island |

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APPENDIX B

TABLE B-15. Maritime Boundaries Character Value Description Table
(continued).

| | | | | |
|-----|-------------|-----|----|--|
| 137 | mabarea.aft | nam | KU | Kuwait |
| 138 | mabarea.aft | nam | KZ | Kazakhstan |
| 139 | mabarea.aft | nam | LA | Laos |
| 140 | mabarea.aft | nam | LE | Lebanon |
| 141 | mabarea.aft | nam | LG | Latvia |
| 142 | mabarea.aft | nam | LH | Lithuania |
| 143 | mabarea.aft | nam | LI | Liberia |
| 144 | mabarea.aft | nam | LO | Slovakia |
| 145 | mabarea.aft | nam | LQ | Palmyra Atoll |
| 146 | mabarea.aft | nam | LS | Liechtenstein |
| 147 | mabarea.aft | nam | LT | Lesotho |
| 148 | mabarea.aft | nam | LU | Luxembourg |
| 149 | mabarea.aft | nam | LY | Libya |
| 150 | mabarea.aft | nam | MA | Madagascar |
| 151 | mabarea.aft | nam | MB | Martinique |
| 152 | mabarea.aft | nam | MC | Macau |
| 153 | mabarea.aft | nam | MD | Moldova |
| 154 | mabarea.aft | nam | MF | Mayotte |
| 155 | mabarea.aft | nam | MG | Mongolia |
| 156 | mabarea.aft | nam | MH | Montserrat |
| 157 | mabarea.aft | nam | MI | Malawi |
| 158 | mabarea.aft | nam | MK | The Former Yugoslav Republic of Macedonia |
| 159 | mabarea.aft | nam | ML | Mali |
| 160 | mabarea.aft | nam | MN | Monaco |
| 161 | mabarea.aft | nam | MO | Morocco |
| 162 | mabarea.aft | nam | MP | Mauritius |
| 163 | mabarea.aft | nam | MQ | Midway Islands |
| 164 | mabarea.aft | nam | MR | Mauritania |
| 165 | mabarea.aft | nam | MT | Malta |
| 166 | mabarea.aft | nam | MU | Oman |
| 167 | mabarea.aft | nam | MV | Maldives |
| 168 | mabarea.aft | nam | MW | Montenegro |
| 169 | mabarea.aft | nam | MX | Mexico |
| 170 | mabarea.aft | nam | MY | Malaysia |
| 171 | mabarea.aft | nam | MZ | Mozambique |
| 172 | mabarea.aft | nam | NC | New Caledonia |
| 173 | mabarea.aft | nam | NE | Niue |
| 174 | mabarea.aft | nam | NF | Norfolk Island |
| 175 | mabarea.aft | nam | NG | Niger |
| 176 | mabarea.aft | nam | NH | Vanuatu |
| 177 | mabarea.aft | nam | NI | Nigeria |
| 178 | mabarea.aft | nam | NL | Netherlands |
| 179 | mabarea.aft | nam | NO | Norway |
| 180 | mabarea.aft | nam | NP | Nepal |
| 181 | mabarea.aft | nam | NR | Nauru |
| 182 | mabarea.aft | nam | NS | Suriname |
| 183 | mabarea.aft | nam | NT | Netherlands Antilles |
| 184 | mabarea.aft | nam | NU | Nicaragua |
| 185 | mabarea.aft | nam | NZ | New Zealand |
| 186 | mabarea.aft | nam | OS | No Sovereignty |
| 187 | mabarea.aft | nam | PA | Paraguay |

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APPENDIX B

TABLE B-15. Maritime Boundaries Character Value Description Table
(continued).

| | | | | |
|-----|-------------|-----|----|--|
| 188 | mabarea.aft | nam | PC | Pitcairn Islands |
| 189 | mabarea.aft | nam | PE | Peru |
| 190 | mabarea.aft | nam | PF | Paracel Islands |
| 191 | mabarea.aft | nam | PG | Spratly Islands |
| 192 | mabarea.aft | nam | PK | Pakistan |
| 193 | mabarea.aft | nam | PL | Poland |
| 194 | mabarea.aft | nam | PM | Panama |
| 195 | mabarea.aft | nam | PO | Portugal |
| 196 | mabarea.aft | nam | PP | Papua New Guinea |
| 197 | mabarea.aft | nam | PS | Palau |
| 198 | mabarea.aft | nam | PU | Guinea-Bissau |
| 199 | mabarea.aft | nam | QA | Qatar |
| 200 | mabarea.aft | nam | RE | Reunion |
| 201 | mabarea.aft | nam | RM | Marshall Islands |
| 202 | mabarea.aft | nam | RO | Romania |
| 203 | mabarea.aft | nam | RP | Philippines |
| 204 | mabarea.aft | nam | RQ | Puerto Rico |
| 205 | mabarea.aft | nam | RS | Russia |
| 206 | mabarea.aft | nam | RW | Rwanda |
| 207 | mabarea.aft | nam | SA | Saudi Arabia |
| 208 | mabarea.aft | nam | SB | Saint Pierre and Miquelon |
| 209 | mabarea.aft | nam | SC | Saint Kitts and Nevis |
| 210 | mabarea.aft | nam | SE | Seychelles |
| 211 | mabarea.aft | nam | SF | South Africa |
| 212 | mabarea.aft | nam | SG | Senegal |
| 213 | mabarea.aft | nam | SH | Saint Helena |
| 214 | mabarea.aft | nam | SI | Slovenia |
| 215 | mabarea.aft | nam | SL | Sierra Leone |
| 216 | mabarea.aft | nam | SM | San Marino |
| 217 | mabarea.aft | nam | SN | Singapore |
| 218 | mabarea.aft | nam | SO | Somalia |
| 219 | mabarea.aft | nam | SP | Spain |
| 220 | mabarea.aft | nam | SR | Serbia |
| 221 | mabarea.aft | nam | ST | Saint Lucia |
| 222 | mabarea.aft | nam | SU | Sudan |
| 223 | mabarea.aft | nam | SV | Svalbard |
| 224 | mabarea.aft | nam | SW | Sweden |
| 225 | mabarea.aft | nam | SX | South Georgia and the South Sandwich Islands |
| 226 | mabarea.aft | nam | SY | Syria |
| 227 | mabarea.aft | nam | SZ | Switzerland |
| 228 | mabarea.aft | nam | TD | Trinidad and Tobago |
| 229 | mabarea.aft | nam | TE | Tromelin Island |
| 230 | mabarea.aft | nam | TH | Thailand |
| 231 | mabarea.aft | nam | TI | Tajikistan |
| 232 | mabarea.aft | nam | TK | Turks and Caicos Islands |
| 233 | mabarea.aft | nam | TL | Tokelau |
| 234 | mabarea.aft | nam | TN | Tonga |
| 235 | mabarea.aft | nam | TO | Togo |
| 236 | mabarea.aft | nam | TP | Sao Tome and Principe |
| 237 | mabarea.aft | nam | TS | Tunisia |
| 238 | mabarea.aft | nam | TU | Turkey |

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APPENDIX B

TABLE B-15. Maritime Boundaries Character Value Description Table
(continued).

| | | | | |
|-----|-------------|------|-------|----------------------------------|
| 239 | mabarea.aft | nam | TV | Tuvalu |
| 240 | mabarea.aft | nam | TW | Taiwan |
| 241 | mabarea.aft | nam | TX | Turkmenistan |
| 242 | mabarea.aft | nam | TZ | Tanzania |
| 243 | mabarea.aft | nam | UG | Uganda |
| 244 | mabarea.aft | nam | UK | United Kingdom |
| 245 | mabarea.aft | nam | UN | UN Control |
| 246 | mabarea.aft | nam | UP | Ukraine |
| 247 | mabarea.aft | nam | US | United States |
| 248 | mabarea.aft | nam | UV | Burkina Faso |
| 249 | mabarea.aft | nam | UY | Uruguay |
| 250 | mabarea.aft | nam | UZ | Uzbekistan |
| 251 | mabarea.aft | nam | VC | Saint Vincent and the Grenadines |
| 252 | mabarea.aft | nam | VE | Venezuela |
| 253 | mabarea.aft | nam | VI | British Virgin Islands |
| 254 | mabarea.aft | nam | VM | Vietnam |
| 255 | mabarea.aft | nam | VQ | Virgin Islands |
| 256 | mabarea.aft | nam | VT | Vatican City |
| 257 | mabarea.aft | nam | WA | Namibia |
| 258 | mabarea.aft | nam | WE | West Bank |
| 259 | mabarea.aft | nam | WF | Wallis and Futuna |
| 260 | mabarea.aft | nam | WI | Western Sahara |
| 261 | mabarea.aft | nam | WQ | Wake Island |
| 262 | mabarea.aft | nam | WS | Samoa |
| 263 | mabarea.aft | nam | WZ | Swaziland |
| 264 | mabarea.aft | nam | YM | Yemen |
| 265 | mabarea.aft | nam | YY | Other |
| 266 | mabarea.aft | nam | ZA | Zambia |
| 267 | mabarea.aft | nam | ZI | Zimbabwe |
| 268 | mabline.lft | facc | FA000 | Administrative Boundary |
| 269 | mabline.lft | facc | FA020 | Armistice Line |
| 270 | mabline.lft | facc | FA030 | Cease-Fire Line |
| 271 | mabline.lft | facc | FA040 | Claim Line |
| 272 | mabline.lft | facc | FA050 | Mandate Line/Convention Line |
| 273 | mabline.lft | facc | FA060 | Defacto Boundary |
| 274 | mabline.lft | facc | FA070 | Demilitarized Zone |
| 275 | mabline.lft | facc | FC021 | Maritime Limit Boundary |
| 276 | mabline.lft | facc | ZD003 | Artifact Location |
| 277 | mabline.lft | nm3 | -O | Open Ocean |
| 278 | mabline.lft | nm3 | /U | No entry present |
| 279 | mabline.lft | nm3 | AA | Aruba |
| 280 | mabline.lft | nm3 | AC | Antigua and Barbuda |
| 281 | mabline.lft | nm3 | AE | United Arab Emirates |
| 282 | mabline.lft | nm3 | AF | Afghanistan |
| 283 | mabline.lft | nm3 | AG | Algeria |
| 284 | mabline.lft | nm3 | AJ | Azerbaijan |
| 285 | mabline.lft | nm3 | AL | Albania |
| 286 | mabline.lft | nm3 | AM | Armenia |
| 287 | mabline.lft | nm3 | AN | Andorra |
| 288 | mabline.lft | nm3 | AO | Angola |
| 289 | mabline.lft | nm3 | AQ | American Samoa |

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TABLE B-15. Maritime Boundaries Character Value Description Table
(continued).

| | | | | |
|-----|-------------|-----|----|------------------------------------|
| 290 | mabline.lft | nm3 | AR | Argentina |
| 291 | mabline.lft | nm3 | AS | Australia |
| 292 | mabline.lft | nm3 | AT | Ashmore and Cartier Islands |
| 293 | mabline.lft | nm3 | AU | Austria |
| 294 | mabline.lft | nm3 | AV | Anguilla |
| 295 | mabline.lft | nm3 | AY | Antarctica |
| 296 | mabline.lft | nm3 | BA | Bahrain |
| 297 | mabline.lft | nm3 | BB | Barbados |
| 298 | mabline.lft | nm3 | BC | Botswana |
| 299 | mabline.lft | nm3 | BD | Bermuda |
| 300 | mabline.lft | nm3 | BE | Belgium |
| 301 | mabline.lft | nm3 | BF | The Bahamas |
| 302 | mabline.lft | nm3 | BG | Bangladesh |
| 303 | mabline.lft | nm3 | BH | Belize |
| 304 | mabline.lft | nm3 | BK | Bosnia and Herzegovina |
| 305 | mabline.lft | nm3 | BL | Bolivia |
| 306 | mabline.lft | nm3 | BM | Burma |
| 307 | mabline.lft | nm3 | BN | Benin |
| 308 | mabline.lft | nm3 | BO | Belarus |
| 309 | mabline.lft | nm3 | BP | Solomon Islands |
| 310 | mabline.lft | nm3 | BQ | Navassa Island |
| 311 | mabline.lft | nm3 | BR | Brazil |
| 312 | mabline.lft | nm3 | BS | Bassas Da India |
| 313 | mabline.lft | nm3 | BT | Bhutan |
| 314 | mabline.lft | nm3 | BU | Bulgaria |
| 315 | mabline.lft | nm3 | BV | Bouvet Island |
| 316 | mabline.lft | nm3 | BX | Brunei |
| 317 | mabline.lft | nm3 | BY | Burundi |
| 318 | mabline.lft | nm3 | CA | Canada |
| 319 | mabline.lft | nm3 | CB | Cambodia |
| 320 | mabline.lft | nm3 | CD | Chad |
| 321 | mabline.lft | nm3 | CE | Sri Lanka |
| 322 | mabline.lft | nm3 | CF | Congo |
| 323 | mabline.lft | nm3 | CG | Congo (Democratic Republic of the) |
| 324 | mabline.lft | nm3 | CH | China |
| 325 | mabline.lft | nm3 | CI | Chile |
| 326 | mabline.lft | nm3 | CJ | Cayman Islands |
| 327 | mabline.lft | nm3 | CK | Cocos (Keeling) Islands |
| 328 | mabline.lft | nm3 | CM | Cameroon |
| 329 | mabline.lft | nm3 | CN | Comoros |
| 330 | mabline.lft | nm3 | CO | Colombia |
| 331 | mabline.lft | nm3 | CQ | Northern Mariana Islands |
| 332 | mabline.lft | nm3 | CR | Coral Sea Islands |
| 333 | mabline.lft | nm3 | CS | Costa Rica |
| 334 | mabline.lft | nm3 | CT | Central African Republic |
| 335 | mabline.lft | nm3 | CU | Cuba |
| 336 | mabline.lft | nm3 | CV | Cape Verde |
| 337 | mabline.lft | nm3 | CW | Cook Islands |
| 338 | mabline.lft | nm3 | CY | Cyprus |
| 339 | mabline.lft | nm3 | DA | Denmark |
| 340 | mabline.lft | nm3 | DJ | Djibouti |

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APPENDIX B

TABLE B-15. Maritime Boundaries Character Value Description Table
(continued).

| | | | | |
|-----|-------------|-----|----|-------------------------------------|
| 341 | mabline.lft | nm3 | DO | Dominica |
| 342 | mabline.lft | nm3 | DQ | Jarvis Island |
| 343 | mabline.lft | nm3 | DR | Dominican Republic |
| 344 | mabline.lft | nm3 | EC | Ecuador |
| 345 | mabline.lft | nm3 | EG | Egypt |
| 346 | mabline.lft | nm3 | EI | Ireland |
| 347 | mabline.lft | nm3 | EK | Equatorial Guinea |
| 348 | mabline.lft | nm3 | EN | Estonia |
| 349 | mabline.lft | nm3 | ER | Eritrea |
| 350 | mabline.lft | nm3 | ES | El Salvador |
| 351 | mabline.lft | nm3 | ET | Ethiopia |
| 352 | mabline.lft | nm3 | EU | Europa Island |
| 353 | mabline.lft | nm3 | EZ | Czech Republic |
| 354 | mabline.lft | nm3 | FG | French Guiana |
| 355 | mabline.lft | nm3 | FI | Finland |
| 356 | mabline.lft | nm3 | FJ | Fiji |
| 357 | mabline.lft | nm3 | FK | Falkland Islands (Islas Malvinas) |
| 358 | mabline.lft | nm3 | FM | Federated States of Micronesia |
| 359 | mabline.lft | nm3 | FO | Faroe Islands |
| 360 | mabline.lft | nm3 | FP | French Polynesia |
| 361 | mabline.lft | nm3 | FQ | Baker Island |
| 362 | mabline.lft | nm3 | FR | France |
| 363 | mabline.lft | nm3 | FS | French Southern and Antarctic Lands |
| 364 | mabline.lft | nm3 | GA | The Gambia |
| 365 | mabline.lft | nm3 | GB | Gabon |
| 366 | mabline.lft | nm3 | GG | Georgia |
| 367 | mabline.lft | nm3 | GH | Ghana |
| 368 | mabline.lft | nm3 | GI | Gibraltar |
| 369 | mabline.lft | nm3 | GJ | Grenada |
| 370 | mabline.lft | nm3 | GK | Guernsey |
| 371 | mabline.lft | nm3 | GL | Greenland |
| 372 | mabline.lft | nm3 | GM | Germany |
| 373 | mabline.lft | nm3 | GO | Glorioso Islands |
| 374 | mabline.lft | nm3 | GP | Guadeloupe |
| 375 | mabline.lft | nm3 | GQ | Guam |
| 376 | mabline.lft | nm3 | GR | Greece |
| 377 | mabline.lft | nm3 | GT | Guatemala |
| 378 | mabline.lft | nm3 | GV | Guinea |
| 379 | mabline.lft | nm3 | GY | Guyana |
| 380 | mabline.lft | nm3 | GZ | Gaza Strip |
| 381 | mabline.lft | nm3 | HA | Haiti |
| 382 | mabline.lft | nm3 | HK | Hong Kong |
| 383 | mabline.lft | nm3 | HM | Heard Island and McDonald Islands |
| 384 | mabline.lft | nm3 | HO | Honduras |
| 385 | mabline.lft | nm3 | HR | Croatia |
| 386 | mabline.lft | nm3 | HQ | Howland Island |
| 387 | mabline.lft | nm3 | HU | Hungary |
| 388 | mabline.lft | nm3 | IC | Iceland |
| 389 | mabline.lft | nm3 | ID | Indonesia |

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APPENDIX B

TABLE B-15. Maritime Boundaries Character Value Description Table
(continued).

| | | | | |
|-----|-------------|-----|----|--|
| 390 | mabline.lft | nm3 | IM | Isle of Man |
| 391 | mabline.lft | nm3 | IN | India |
| 392 | mabline.lft | nm3 | IO | British Indian Ocean Territory |
| 393 | mabline.lft | nm3 | IP | Clipperton Island |
| 394 | mabline.lft | nm3 | IR | Iran |
| 395 | mabline.lft | nm3 | IS | Israel |
| 396 | mabline.lft | nm3 | IT | Italy |
| 397 | mabline.lft | nm3 | IV | Cote D'Ivoire |
| 398 | mabline.lft | nm3 | IZ | Iraq |
| 399 | mabline.lft | nm3 | JA | Japan |
| 400 | mabline.lft | nm3 | JE | Jersey |
| 401 | mabline.lft | nm3 | JM | Jamaica |
| 402 | mabline.lft | nm3 | JN | Jan Mayen |
| 403 | mabline.lft | nm3 | JO | Jordan |
| 404 | mabline.lft | nm3 | JQ | Johnston Atoll |
| 405 | mabline.lft | nm3 | JU | Juan De Nova Island |
| 406 | mabline.lft | nm3 | KE | Kenya |
| 407 | mabline.lft | nm3 | KG | Kyrgyzstan |
| 408 | mabline.lft | nm3 | KN | North Korea |
| 409 | mabline.lft | nm3 | KQ | Kingman Reef |
| 410 | mabline.lft | nm3 | KR | Kiribati |
| 411 | mabline.lft | nm3 | KS | South Korea |
| 412 | mabline.lft | nm3 | KT | Christmas Island |
| 413 | mabline.lft | nm3 | KU | Kuwait |
| 414 | mabline.lft | nm3 | KZ | Kazakhstan |
| 415 | mabline.lft | nm3 | LA | Laos |
| 416 | mabline.lft | nm3 | LE | Lebanon |
| 417 | mabline.lft | nm3 | LG | Latvia |
| 418 | mabline.lft | nm3 | LH | Lithuania |
| 419 | mabline.lft | nm3 | LI | Liberia |
| 420 | mabline.lft | nm3 | LO | Slovakia |
| 421 | mabline.lft | nm3 | LQ | Palmyra Atoll |
| 422 | mabline.lft | nm3 | LS | Liechtenstein |
| 423 | mabline.lft | nm3 | LT | Lesotho |
| 424 | mabline.lft | nm3 | LU | Luxembourg |
| 425 | mabline.lft | nm3 | LY | Libya |
| 426 | mabline.lft | nm3 | MA | Madagascar |
| 427 | mabline.lft | nm3 | MB | Martinique |
| 428 | mabline.lft | nm3 | MC | Macau |
| 429 | mabline.lft | nm3 | MD | Moldova |
| 430 | mabline.lft | nm3 | MF | Mayotte |
| 431 | mabline.lft | nm3 | MG | Mongolia |
| 432 | mabline.lft | nm3 | MH | Montserrat |
| 433 | mabline.lft | nm3 | MI | Malawi |
| 434 | mabline.lft | nm3 | MK | The Former Yugoslav Republic of Macedonia |
| 435 | mabline.lft | nm3 | ML | Mali |
| 436 | mabline.lft | nm3 | MN | Monaco |
| 437 | mabline.lft | nm3 | MO | Morocco |
| 438 | mabline.lft | nm3 | MP | Mauritius |
| 439 | mabline.lft | nm3 | MQ | Midway Islands |
| 440 | mabline.lft | nm3 | MR | Mauritania |

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APPENDIX B

TABLE B-15. Maritime Boundaries Character Value Description Table
(continued).

| | | | | |
|-----|-------------|-----|----|---------------------------|
| 441 | mabline.lft | nm3 | MT | Malta |
| 442 | mabline.lft | nm3 | MU | Oman |
| 443 | mabline.lft | nm3 | MV | Maldives |
| 444 | mabline.lft | nm3 | MW | Montenegro |
| 445 | mabline.lft | nm3 | MX | Mexico |
| 446 | mabline.lft | nm3 | MY | Malaysia |
| 447 | mabline.lft | nm3 | MZ | Mozambique |
| 448 | mabline.lft | nm3 | NC | New Caledonia |
| 449 | mabline.lft | nm3 | NE | Niue |
| 450 | mabline.lft | nm3 | NF | Norfolk Island |
| 451 | mabline.lft | nm3 | NG | Niger |
| 452 | mabline.lft | nm3 | NH | Vanuatu |
| 453 | mabline.lft | nm3 | NI | Nigeria |
| 454 | mabline.lft | nm3 | NL | Netherlands |
| 455 | mabline.lft | nm3 | NO | Norway |
| 456 | mabline.lft | nm3 | NP | Nepal |
| 457 | mabline.lft | nm3 | NR | Nauru |
| 458 | mabline.lft | nm3 | NS | Suriname |
| 459 | mabline.lft | nm3 | NT | Netherlands Antilles |
| 460 | mabline.lft | nm3 | NU | Nicaragua |
| 461 | mabline.lft | nm3 | NZ | New Zealand |
| 462 | mabline.lft | nm3 | OS | No Sovereignty |
| 463 | mabline.lft | nm3 | PA | Paraguay |
| 464 | mabline.lft | nm3 | PC | Pitcairn Islands |
| 465 | mabline.lft | nm3 | PE | Peru |
| 466 | mabline.lft | nm3 | PF | Paracel Islands |
| 467 | mabline.lft | nm3 | PG | Spratly Islands |
| 468 | mabline.lft | nm3 | PK | Pakistan |
| 469 | mabline.lft | nm3 | PL | Poland |
| 470 | mabline.lft | nm3 | PM | Panama |
| 471 | mabline.lft | nm3 | PO | Portugal |
| 472 | mabline.lft | nm3 | PP | Papua New Guinea |
| 473 | mabline.lft | nm3 | PS | Palau |
| 474 | mabline.lft | nm3 | PU | Guinea-Bissau |
| 475 | mabline.lft | nm3 | QA | Qatar |
| 476 | mabline.lft | nm3 | RE | Reunion |
| 477 | mabline.lft | nm3 | RM | Marshall Islands |
| 478 | mabline.lft | nm3 | RO | Romania |
| 479 | mabline.lft | nm3 | RP | Philippines |
| 480 | mabline.lft | nm3 | RQ | Puerto Rico |
| 481 | mabline.lft | nm3 | RS | Russia |
| 482 | mabline.lft | nm3 | RW | Rwanda |
| 483 | mabline.lft | nm3 | SA | Saudi Arabia |
| 484 | mabline.lft | nm3 | SB | Saint Pierre and Miquelon |
| 485 | mabline.lft | nm3 | SC | Saint Kitts and Nevis |
| 486 | mabline.lft | nm3 | SE | Seychelles |
| 487 | mabline.lft | nm3 | SF | South Africa |
| 488 | mabline.lft | nm3 | SG | Senegal |
| 489 | mabline.lft | nm3 | SH | Saint Helena |
| 490 | mabline.lft | nm3 | SI | Slovenia |
| 491 | mabline.lft | nm3 | SL | Sierra Leone |
| 492 | mabline.lft | nm3 | SM | San Marino |

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TABLE B-15. Maritime Boundaries Character Value Description Table
(continued).

| | | | | |
|-----|-------------|-----|----|---|
| 493 | mabline.lft | nm3 | SN | Singapore |
| 494 | mabline.lft | nm3 | SO | Somalia |
| 495 | mabline.lft | nm3 | SP | Spain |
| 496 | mabline.lft | nm3 | SR | Serbia |
| 497 | mabline.lft | nm3 | ST | Saint Lucia |
| 498 | mabline.lft | nm3 | SU | Sudan |
| 499 | mabline.lft | nm3 | SV | Svalbard |
| 500 | mabline.lft | nm3 | SW | Sweden |
| 501 | mabline.lft | nm3 | SX | South Georgia and the South Sandwich Islands |
| 502 | mabline.lft | nm3 | SY | Syria |
| 503 | mabline.lft | nm3 | SZ | Switzerland |
| 504 | mabline.lft | nm3 | TD | Trinidad and Tobago |
| 505 | mabline.lft | nm3 | TE | Tromelin Island |
| 506 | mabline.lft | nm3 | TH | Thailand |
| 507 | mabline.lft | nm3 | TI | Tajikistan |
| 508 | mabline.lft | nm3 | TK | Turks and Caicos Islands |
| 509 | mabline.lft | nm3 | TL | Tokelau |
| 510 | mabline.lft | nm3 | TN | Tonga |
| 511 | mabline.lft | nm3 | TO | Togo |
| 512 | mabline.lft | nm3 | TP | Sao Tome and Principe |
| 513 | mabline.lft | nm3 | TS | Tunisia |
| 514 | mabline.lft | nm3 | TU | Turkey |
| 515 | mabline.lft | nm3 | TV | Tuvalu |
| 516 | mabline.lft | nm3 | TW | Taiwan |
| 517 | mabline.lft | nm3 | TX | Turkmenistan |
| 518 | mabline.lft | nm3 | TZ | Tanzania |
| 519 | mabline.lft | nm3 | UG | Uganda |
| 520 | mabline.lft | nm3 | UK | United Kingdom |
| 521 | mabline.lft | nm3 | UN | UN Control |
| 522 | mabline.lft | nm3 | UP | Ukraine |
| 523 | mabline.lft | nm3 | US | United States |
| 524 | mabline.lft | nm3 | UV | Burkina Faso |
| 525 | mabline.lft | nm3 | UY | Uruguay |
| 526 | mabline.lft | nm3 | UZ | Uzbekistan |
| 527 | mabline.lft | nm3 | VC | Saint Vincent and the Grenadines |
| 528 | mabline.lft | nm3 | VE | Venezuela |
| 529 | mabline.lft | nm3 | VI | British Virgin Islands |
| 530 | mabline.lft | nm3 | VM | Vietnam, |
| 531 | mabline.lft | nm3 | VQ | Virgin Islands |
| 532 | mabline.lft | nm3 | VT | Vatican City |
| 533 | mabline.lft | nm3 | WA | Namibia |
| 534 | mabline.lft | nm3 | WE | West Bank |
| 535 | mabline.lft | nm3 | WF | Wallis and Futuna |
| 536 | mabline.lft | nm3 | WI | Western Sahara |
| 537 | mabline.lft | nm3 | WQ | Wake Island |
| 538 | mabline.lft | nm3 | WS | Samoa |
| 539 | mabline.lft | nm3 | WZ | Swaziland |
| 540 | mabline.lft | nm3 | YM | Yemen |
| 541 | mabline.lft | nm3 | YY | Other |
| 542 | mabline.lft | nm3 | ZA | Zambia |

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TABLE B-15. Maritime Boundaries Character Value Description Table
(continued).

| | | | | |
|-----|-------------|-----|----|------------------------------------|
| 543 | mabline.lft | nm3 | ZI | Zimbabwe |
| 544 | mabline.lft | nm4 | -O | Open Ocean |
| 545 | mabline.lft | nm4 | /U | No entry present |
| 546 | mabline.lft | nm4 | AA | Aruba |
| 547 | mabline.lft | nm4 | AC | Antigua and Barbuda |
| 548 | mabline.lft | nm4 | AE | United Arab Emirates |
| 549 | mabline.lft | nm4 | AF | Afghanistan |
| 550 | mabline.lft | nm4 | AG | Algeria |
| 551 | mabline.lft | nm4 | AJ | Azerbaijan |
| 552 | mabline.lft | nm4 | AL | Albania |
| 553 | mabline.lft | nm4 | AM | Armenia |
| 554 | mabline.lft | nm4 | AN | Andorra |
| 555 | mabline.lft | nm4 | AO | Angola |
| 556 | mabline.lft | nm4 | AQ | American Samoa |
| 557 | mabline.lft | nm4 | AR | Argentina |
| 558 | mabline.lft | nm4 | AS | Australia |
| 559 | mabline.lft | nm4 | AT | Ashmore and Cartier Islands |
| 560 | mabline.lft | nm4 | AU | Austria |
| 561 | mabline.lft | nm4 | AV | Anguilla |
| 562 | mabline.lft | nm4 | AY | Antarctica |
| 563 | mabline.lft | nm4 | BA | Bahrain |
| 564 | mabline.lft | nm4 | BB | Barbados |
| 565 | mabline.lft | nm4 | BC | Botswana |
| 566 | mabline.lft | nm4 | BD | Bermuda |
| 567 | mabline.lft | nm4 | BE | Belgium |
| 568 | mabline.lft | nm4 | BF | The Bahamas |
| 569 | mabline.lft | nm4 | BG | Bangladesh |
| 570 | mabline.lft | nm4 | BH | Belize |
| 571 | mabline.lft | nm4 | BK | Bosnia and Herzegovina |
| 572 | mabline.lft | nm4 | BL | Bolivia |
| 573 | mabline.lft | nm4 | BM | Burma |
| 574 | mabline.lft | nm4 | BN | Benin |
| 575 | mabline.lft | nm4 | BO | Belarus |
| 576 | mabline.lft | nm4 | BP | Solomon Islands |
| 577 | mabline.lft | nm4 | BQ | Navassa Island |
| 578 | mabline.lft | nm4 | BR | Brazil |
| 579 | mabline.lft | nm4 | BS | Bassas Da India |
| 580 | mabline.lft | nm4 | BT | Bhutan |
| 581 | mabline.lft | nm4 | BU | Bulgaria |
| 582 | mabline.lft | nm4 | BV | Bouvet Island |
| 583 | mabline.lft | nm4 | BX | Brunei |
| 584 | mabline.lft | nm4 | BY | Burundi |
| 585 | mabline.lft | nm4 | CA | Canada |
| 586 | mabline.lft | nm4 | CB | Cambodia |
| 587 | mabline.lft | nm4 | CD | Chad |
| 588 | mabline.lft | nm4 | CE | Sri Lanka |
| 589 | mabline.lft | nm4 | CF | Congo |
| 590 | mabline.lft | nm4 | CG | Congo (Democratic Republic of the) |
| 591 | mabline.lft | nm4 | CH | China |
| 592 | mabline.lft | nm4 | CI | Chile |
| 593 | mabline.lft | nm4 | CJ | Cayman Islands |

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TABLE B-15. Maritime Boundaries Character Value Description Table
(continued).

| | | | | |
|-----|-------------|-----|----|-------------------------------------|
| 594 | mabline.lft | nm4 | CK | Cocos (Keeling) Islands |
| 595 | mabline.lft | nm4 | CM | Cameroon |
| 596 | mabline.lft | nm4 | CN | Comoros |
| 597 | mabline.lft | nm4 | CO | Colombia |
| 598 | mabline.lft | nm4 | CQ | Northern Mariana Islands |
| 599 | mabline.lft | nm4 | CR | Coral Sea Islands |
| 600 | mabline.lft | nm4 | CS | Costa Rica |
| 601 | mabline.lft | nm4 | CT | Central African Republic |
| 602 | mabline.lft | nm4 | CU | Cuba |
| 603 | mabline.lft | nm4 | CV | Cape Verde |
| 604 | mabline.lft | nm4 | CW | Cook Islands |
| 605 | mabline.lft | nm4 | CY | Cyprus |
| 606 | mabline.lft | nm4 | DA | Denmark |
| 607 | mabline.lft | nm4 | DJ | Djibouti |
| 608 | mabline.lft | nm4 | DO | Dominica |
| 609 | mabline.lft | nm4 | DQ | Jarvis Island |
| 610 | mabline.lft | nm4 | DR | Dominican Republic |
| 611 | mabline.lft | nm4 | EC | Ecuador |
| 612 | mabline.lft | nm4 | EG | Egypt |
| 613 | mabline.lft | nm4 | EI | Ireland |
| 614 | mabline.lft | nm4 | EK | Equatorial Guinea |
| 615 | mabline.lft | nm4 | EN | Estonia |
| 616 | mabline.lft | nm4 | ER | Eritrea |
| 617 | mabline.lft | nm4 | ES | El Salvador |
| 618 | mabline.lft | nm4 | ET | Ethiopia |
| 619 | mabline.lft | nm4 | EU | Europa Island |
| 620 | mabline.lft | nm4 | EZ | Czech Republic |
| 621 | mabline.lft | nm4 | FG | French Guiana |
| 622 | mabline.lft | nm4 | FI | Finland |
| 623 | mabline.lft | nm4 | FJ | Fiji |
| 624 | mabline.lft | nm4 | FK | Falkland Islands (Islas Malvinas) |
| 625 | mabline.lft | nm4 | FM | Federated States of Micronesia |
| 626 | mabline.lft | nm4 | FO | Faroe Islands |
| 627 | mabline.lft | nm4 | FP | French Polynesia |
| 628 | mabline.lft | nm4 | FQ | Baker Island |
| 629 | mabline.lft | nm4 | FR | France |
| 630 | mabline.lft | nm4 | FS | French Southern and Antarctic Lands |
| 631 | mabline.lft | nm4 | GA | The Gambia |
| 632 | mabline.lft | nm4 | GB | Gabon |
| 633 | mabline.lft | nm4 | GG | Georgia |
| 634 | mabline.lft | nm4 | GH | Ghana |
| 635 | mabline.lft | nm4 | GI | Gibraltar |
| 636 | mabline.lft | nm4 | GJ | Grenada |
| 637 | mabline.lft | nm4 | GK | Guernsey |
| 638 | mabline.lft | nm4 | GL | Greenland |
| 639 | mabline.lft | nm4 | GM | Germany |
| 640 | mabline.lft | nm4 | GO | Glorioso Islands |
| 641 | mabline.lft | nm4 | GP | Guadeloupe |
| 642 | mabline.lft | nm4 | GQ | Guam |
| 643 | mabline.lft | nm4 | GR | Greece |

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TABLE B-15. Maritime Boundaries Character Value Description Table
(continued).

| | | | | |
|-----|-------------|-----|----|-----------------------------------|
| 644 | mabline.lft | nm4 | GT | Guatemala |
| 645 | mabline.lft | nm4 | GV | Guinea |
| 646 | mabline.lft | nm4 | GY | Guyana |
| 647 | mabline.lft | nm4 | GZ | Gaza Strip |
| 648 | mabline.lft | nm4 | HA | Haiti |
| 649 | mabline.lft | nm4 | HK | Hong Kong |
| 650 | mabline.lft | nm4 | HM | Heard Island and McDonald Islands |
| 651 | mabline.lft | nm4 | HO | Honduras |
| 652 | mabline.lft | nm4 | HQ | Howland Island |
| 653 | mabline.lft | nm4 | HR | Croatia |
| 654 | mabline.lft | nm4 | HU | Hungary |
| 655 | mabline.lft | nm4 | IC | Iceland |
| 656 | mabline.lft | nm4 | ID | Indonesia |
| 657 | mabline.lft | nm4 | IM | Isle of Man |
| 658 | mabline.lft | nm4 | IN | India |
| 659 | mabline.lft | nm4 | IO | British Indian Ocean Territory |
| 660 | mabline.lft | nm4 | IP | Clipperton Island |
| 661 | mabline.lft | nm4 | IR | Iran |
| 662 | mabline.lft | nm4 | IS | Israel |
| 663 | mabline.lft | nm4 | IT | Italy |
| 664 | mabline.lft | nm4 | IV | Cote D'Ivoire |
| 665 | mabline.lft | nm4 | IZ | Iraq |
| 666 | mabline.lft | nm4 | JA | Japan |
| 667 | mabline.lft | nm4 | JE | Jersey |
| 668 | mabline.lft | nm4 | JM | Jamaica |
| 669 | mabline.lft | nm4 | JN | Jan Mayen |
| 670 | mabline.lft | nm4 | JO | Jordan |
| 671 | mabline.lft | nm4 | JQ | Johnston Atoll |
| 672 | mabline.lft | nm4 | JU | Juan De Nova Island |
| 673 | mabline.lft | nm4 | KE | Kenya |
| 674 | mabline.lft | nm4 | KG | Kyrgyzstan |
| 675 | mabline.lft | nm4 | KN | North Korea |
| 676 | mabline.lft | nm4 | KQ | Kingman Reef |
| 677 | mabline.lft | nm4 | KR | Kiribati |
| 678 | mabline.lft | nm4 | KS | South Korea |
| 679 | mabline.lft | nm4 | KT | Christmas Island |
| 680 | mabline.lft | nm4 | KU | Kuwait |
| 681 | mabline.lft | nm4 | KZ | Kazakhstan |
| 682 | mabline.lft | nm4 | LA | Laos |
| 683 | mabline.lft | nm4 | LE | Lebanon |
| 684 | mabline.lft | nm4 | LG | Latvia |
| 685 | mabline.lft | nm4 | LH | Lithuania |
| 686 | mabline.lft | nm4 | LI | Liberia |
| 687 | mabline.lft | nm4 | LO | Slovakia |
| 688 | mabline.lft | nm4 | LQ | Palmyra Atoll |
| 689 | mabline.lft | nm4 | LS | Liechtenstein |
| 690 | mabline.lft | nm4 | LT | Lesotho |
| 691 | mabline.lft | nm4 | LU | Luxembourg |
| 692 | mabline.lft | nm4 | LY | Libya |
| 693 | mabline.lft | nm4 | MA | Madagascar |
| 694 | mabline.lft | nm4 | MB | Martinique |

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APPENDIX B

TABLE B-15. Maritime Boundaries Character Value Description Table
(continued).

| | | | | |
|-----|-------------|-----|----|---|
| 695 | mabline.lft | nm4 | MC | Macau |
| 696 | mabline.lft | nm4 | MD | Moldova |
| 697 | mabline.lft | nm4 | MF | Mayotte |
| 698 | mabline.lft | nm4 | MG | Mongolia |
| 699 | mabline.lft | nm4 | MH | Montserrat |
| 700 | mabline.lft | nm4 | MI | Malawi |
| 701 | mabline.lft | nm4 | MK | The Former Yugoslav Republic of Macedonia |
| 702 | mabline.lft | nm4 | ML | Mali |
| 703 | mabline.lft | nm4 | MN | Monaco |
| 704 | mabline.lft | nm4 | MO | Morocco |
| 705 | mabline.lft | nm4 | MP | Mauritius |
| 706 | mabline.lft | nm4 | MQ | Midway Islands |
| 707 | mabline.lft | nm4 | MR | Mauritania |
| 708 | mabline.lft | nm4 | MT | Malta |
| 709 | mabline.lft | nm4 | MU | Oman |
| 719 | mabline.lft | nm4 | MV | Maldives |
| 711 | mabline.lft | nm4 | MW | Montenegro |
| 712 | mabline.lft | nm4 | MX | Mexico |
| 713 | mabline.lft | nm4 | MY | Malaysia |
| 714 | mabline.lft | nm4 | MZ | Mozambique |
| 715 | mabline.lft | nm4 | NC | New Caledonia |
| 716 | mabline.lft | nm4 | NE | Niue |
| 717 | mabline.lft | nm4 | NF | Norfolk Island |
| 718 | mabline.lft | nm4 | NG | Niger |
| 719 | mabline.lft | nm4 | NH | Vanuatu |
| 720 | mabline.lft | nm4 | NI | Nigeria |
| 721 | mabline.lft | nm4 | NL | Netherlands |
| 722 | mabline.lft | nm4 | NO | Norway |
| 723 | mabline.lft | nm4 | NP | Nepal |
| 724 | mabline.lft | nm4 | NR | Nauru |
| 725 | mabline.lft | nm4 | NS | Suriname |
| 726 | mabline.lft | nm4 | NT | Netherlands Antilles |
| 727 | mabline.lft | nm4 | NU | Nicaragua |
| 728 | mabline.lft | nm4 | NZ | New Zealand |
| 729 | mabline.lft | nm4 | OS | No Sovereignty |
| 730 | mabline.lft | nm4 | PA | Paraguay |
| 731 | mabline.lft | nm4 | PC | Pitcairn Islands |
| 732 | mabline.lft | nm4 | PE | Peru |
| 733 | mabline.lft | nm4 | PF | Paracel Islands |
| 734 | mabline.lft | nm4 | PG | Spratly Islands |
| 735 | mabline.lft | nm4 | PK | Pakistan |
| 736 | mabline.lft | nm4 | PL | Poland |
| 737 | mabline.lft | nm4 | PM | Panama |
| 738 | mabline.lft | nm4 | PO | Portugal |
| 739 | mabline.lft | nm4 | PP | Papua New Guinea |
| 740 | mabline.lft | nm4 | PS | Palau |
| 741 | mabline.lft | nm4 | PU | Guinea-Bissau |
| 742 | mabline.lft | nm4 | QA | Qatar |
| 743 | mabline.lft | nm4 | RE | Reunion |
| 744 | mabline.lft | nm4 | RM | Marshall Islands |
| 745 | mabline.lft | nm4 | RO | Romania |

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TABLE B-15. Maritime Boundaries Character Value Description Table
(continued).

| | | | | |
|-----|-------------|-----|----|---|
| 746 | mabline.lft | nm4 | RP | Philippines |
| 747 | mabline.lft | nm4 | RQ | Puerto Rico |
| 748 | mabline.lft | nm4 | RS | Russia |
| 749 | mabline.lft | nm4 | RW | Rwanda |
| 750 | mabline.lft | nm4 | SA | Saudi Arabia |
| 751 | mabline.lft | nm4 | SB | Saint Pierre and Miquelon |
| 752 | mabline.lft | nm4 | SC | Saint Kitts and Nevis |
| 753 | mabline.lft | nm4 | SE | Seychelles |
| 754 | mabline.lft | nm4 | SF | South Africa |
| 755 | mabline.lft | nm4 | SG | Senegal |
| 756 | mabline.lft | nm4 | SH | Saint Helena |
| 757 | mabline.lft | nm4 | SI | Slovenia |
| 758 | mabline.lft | nm4 | SL | Sierra Leone |
| 759 | mabline.lft | nm4 | SM | San Marino |
| 760 | mabline.lft | nm4 | SN | Singapore |
| 761 | mabline.lft | nm4 | SO | Somalia |
| 762 | mabline.lft | nm4 | SP | Spain |
| 763 | mabline.lft | nm4 | SR | Serbia |
| 764 | mabline.lft | nm4 | ST | Saint Lucia |
| 765 | mabline.lft | nm4 | SU | Sudan |
| 766 | mabline.lft | nm4 | SV | Svalbard |
| 767 | mabline.lft | nm4 | SW | Sweden |
| 768 | mabline.lft | nm4 | SX | South Georgia and the South Sandwich Islands |
| 769 | mabline.lft | nm4 | SY | Syria |
| 770 | mabline.lft | nm4 | SZ | Switzerland |
| 771 | mabline.lft | nm4 | TD | Trinidad and Tobago |
| 772 | mabline.lft | nm4 | TE | Tromelin Island |
| 773 | mabline.lft | nm4 | TH | Thailand |
| 774 | mabline.lft | nm4 | TI | Tajikistan |
| 775 | mabline.lft | nm4 | TK | Turks and Caicos Islands |
| 776 | mabline.lft | nm4 | TL | Tokelau |
| 777 | mabline.lft | nm4 | TN | Tonga |
| 778 | mabline.lft | nm4 | TO | Togo |
| 779 | mabline.lft | nm4 | TP | Sao Tome and Principe |
| 780 | mabline.lft | nm4 | TS | Tunisia |
| 781 | mabline.lft | nm4 | TU | Turkey |
| 782 | mabline.lft | nm4 | TV | Tuvalu |
| 783 | mabline.lft | nm4 | TW | Taiwan |
| 784 | mabline.lft | nm4 | TX | Turkmenistan |
| 785 | mabline.lft | nm4 | TZ | Tanzania |
| 786 | mabline.lft | nm4 | UG | Uganda |
| 787 | mabline.lft | nm4 | UK | United Kingdom |
| 788 | mabline.lft | nm4 | UN | UN Control |
| 789 | mabline.lft | nm4 | UP | Ukraine |
| 790 | mabline.lft | nm4 | US | United States |
| 791 | mabline.lft | nm4 | UV | Burkina Faso |
| 792 | mabline.lft | nm4 | UY | Uruguay |
| 793 | mabline.lft | nm4 | UZ | Uzbekistan |
| 794 | mabline.lft | nm4 | VC | Saint Vincent and the Grenadines |
| 795 | mabline.lft | nm4 | VE | Venezuela |

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TABLE B-15. Maritime Boundaries Character Value Description Table
(continued).

| | | | | |
|-----|-------------|------|-------|-----------------------------|
| 796 | mabline.lft | nm4 | VI | British Virgin Islands |
| 797 | mabline.lft | nm4 | VM | Vietnam, |
| 798 | mabline.lft | nm4 | VQ | Virgin Islands |
| 799 | mabline.lft | nm4 | VT | Vatican City |
| 800 | mabline.lft | nm4 | WA | Namibia |
| 801 | mabline.lft | nm4 | WE | West Bank |
| 802 | mabline.lft | nm4 | WF | Wallis and Futuna |
| 803 | mabline.lft | nm4 | WI | Western Sahara |
| 804 | mabline.lft | nm4 | WQ | Wake Island |
| 805 | mabline.lft | nm4 | WS | Samoa |
| 806 | mabline.lft | nm4 | WZ | Swaziland |
| 807 | mabline.lft | nm4 | YM | Yemen |
| 808 | mabline.lft | nm4 | YY | Other |
| 809 | mabline.lft | nm4 | ZA | Zambia |
| 810 | mabline.lft | nm4 | ZI | Zimbabwe |
| 811 | mabtext.tft | facc | ZD040 | Named Location |
| 812 | mabtext.tft | nam | AA | Aruba |
| 813 | mabtext.tft | nam | AC | Antigua and Barbuda |
| 814 | mabtext.tft | nam | AE | United Arab Emirates |
| 815 | mabtext.tft | nam | AF | Afghanistan |
| 816 | mabtext.tft | nam | AG | Algeria |
| 817 | mabtext.tft | nam | AJ | Azerbaijan |
| 818 | mabtext.tft | nam | AL | Albania |
| 819 | mabtext.tft | nam | AM | Armenia |
| 820 | mabtext.tft | nam | AN | Andorra |
| 821 | mabtext.tft | nam | AO | Angola |
| 822 | mabtext.tft | nam | AQ | American Samoa |
| 823 | mabtext.tft | nam | AR | Argentina |
| 824 | mabtext.tft | nam | AS | Australia |
| 825 | mabtext.tft | nam | AT | Ashmore and Cartier Islands |
| 826 | mabtext.tft | nam | AU | Austria |
| 827 | mabtext.tft | nam | AV | Anguilla |
| 828 | mabtext.tft | nam | AY | Antarctica |
| 829 | mabtext.tft | nam | BA | Bahrain |
| 830 | mabtext.tft | nam | BB | Barbados |
| 831 | mabtext.tft | nam | BC | Botswana |
| 832 | mabtext.tft | nam | BD | Bermuda |
| 833 | mabtext.tft | nam | BE | Belgium |
| 834 | mabtext.tft | nam | BF | The Bahamas |
| 835 | mabtext.tft | nam | BG | Bangladesh |
| 836 | mabtext.tft | nam | BH | Belize |
| 837 | mabline.tft | nam | BK | Bosnia and Herzegovina |
| 838 | mabtext.tft | nam | BL | Bolivia |
| 839 | mabtext.tft | nam | BM | Burma |
| 840 | mabtext.tft | nam | BN | Benin |
| 841 | mabtext.tft | nam | BO | Belarus |
| 842 | mabtext.tft | nam | BP | Solomon Islands |
| 843 | mabtext.tft | nam | BQ | Navassa Island |
| 844 | mabtext.tft | nam | BR | Brazil |
| 845 | mabtext.tft | nam | BS | Bassas Da India |
| 846 | mabtext.tft | nam | BT | Bhutan |
| 847 | mabtext.tft | nam | BU | Bulgaria |

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TABLE B-15. Maritime Boundaries Character Value Description Table
(continued).

| | | | | |
|-----|-------------|-----|----|-------------------------------------|
| 848 | mabtext.tft | nam | BV | Bouvet Island |
| 849 | mabtext.tft | nam | BX | Brunei |
| 850 | mabtext.tft | nam | BY | Burundi |
| 851 | mabtext.tft | nam | CA | Canada |
| 852 | mabtext.tft | nam | CB | Cambodia |
| 853 | mabtext.tft | nam | CD | Chad |
| 854 | mabtext.tft | nam | CE | Sri Lanka |
| 855 | mabtext.tft | nam | CF | Congo |
| 856 | mabtext.tft | nam | CG | Congo (Democratic Republic of the) |
| 857 | mabtext.tft | nam | CH | China |
| 858 | mabtext.tft | nam | CI | Chile |
| 859 | mabtext.tft | nam | CJ | Cayman Islands |
| 860 | mabtext.tft | nam | CK | Cocos (Keeling) Islands |
| 861 | mabtext.tft | nam | CM | Cameroon |
| 862 | mabtext.tft | nam | CN | Comoros |
| 863 | mabtext.tft | nam | CO | Colombia |
| 864 | mabtext.tft | nam | CQ | Northern Mariana Islands |
| 865 | mabtext.tft | nam | CR | Coral Sea Islands |
| 866 | mabtext.tft | nam | CS | Costa Rica |
| 867 | mabtext.tft | nam | CT | Central African Republic |
| 868 | mabtext.tft | nam | CU | Cuba |
| 869 | mabtext.tft | nam | CV | Cape Verde |
| 870 | mabtext.tft | nam | CW | Cook Islands |
| 871 | mabtext.tft | nam | CY | Cyprus |
| 872 | mabtext.tft | nam | DA | Denmark |
| 873 | mabtext.tft | nam | DJ | Djibouti |
| 874 | mabtext.tft | nam | DO | Dominica |
| 875 | mabtext.tft | nam | DQ | Jarvis Island |
| 876 | mabtext.tft | nam | DR | Dominican Republic |
| 877 | mabtext.tft | nam | EC | Ecuador |
| 878 | mabtext.tft | nam | EG | Egypt |
| 879 | mabtext.tft | nam | EI | Ireland |
| 880 | mabtext.tft | nam | EK | Equatorial Guinea |
| 881 | mabtext.tft | nam | EN | Estonia |
| 882 | mabtext.tft | nam | ER | Eritrea |
| 883 | mabtext.tft | nam | ES | El Salvador |
| 884 | mabtext.tft | nam | ET | Ethiopia |
| 885 | mabtext.tft | nam | EU | Europa Island |
| 886 | mabtext.tft | nam | EZ | Czech Republic |
| 887 | mabtext.tft | nam | FG | French Guiana |
| 888 | mabtext.tft | nam | FI | Finland |
| 889 | mabtext.tft | nam | FJ | Fiji |
| 890 | mabtext.tft | nam | FK | Falkland Islands (Islas Malvinas) |
| 891 | mabtext.tft | nam | FM | Federated States of Micronesia |
| 892 | mabtext.tft | nam | FO | Faroe Islands |
| 893 | mabtext.tft | nam | FP | French Polynesia |
| 894 | mabtext.tft | nam | FQ | Baker Island |
| 895 | mabtext.tft | nam | FR | France |
| 896 | mabtext.tft | nam | FS | French Southern and Antarctic Lands |

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TABLE B-15. Maritime Boundaries Character Value Description Table
(continued).

| | | | | |
|-----|-------------|-----|----|-----------------------------------|
| 897 | mabtext.tft | nam | GA | The Gambia |
| 898 | mabtext.tft | nam | GB | Gabon |
| 899 | mabtext.tft | nam | GG | Georgia |
| 900 | mabtext.tft | nam | GH | Ghana |
| 901 | mabtext.tft | nam | GI | Gibraltar |
| 902 | mabtext.tft | nam | GJ | Grenada |
| 903 | mabtext.tft | nam | GK | Guernsey |
| 904 | mabtext.tft | nam | GL | Greenland |
| 905 | mabtext.tft | nam | GM | Germany |
| 906 | mabtext.tft | nam | GO | Glorioso Islands |
| 907 | mabtext.tft | nam | GP | Guadeloupe |
| 908 | mabtext.tft | nam | GQ | Guam |
| 909 | mabtext.tft | nam | GR | Greece |
| 910 | mabtext.tft | nam | GT | Guatemala |
| 911 | mabtext.tft | nam | GV | Guinea |
| 912 | mabtext.tft | nam | GY | Guyana |
| 913 | mabtext.tft | nam | GZ | Gaza Strip |
| 914 | mabtext.tft | nam | HA | Haiti |
| 915 | mabtext.tft | nam | HK | Hong Kong |
| 916 | mabtext.tft | nam | HM | Heard Island and McDonald Islands |
| 917 | mabtext.tft | nam | HO | Honduras |
| 918 | mabtext.tft | nam | HQ | Howland Island |
| 919 | mabtext.tft | nam | HR | Croatia |
| 920 | mabtext.tft | nam | HU | Hungary |
| 921 | mabtext.tft | nam | IC | Iceland |
| 922 | mabtext.tft | nam | ID | Indonesia |
| 923 | mabtext.tft | nam | IM | Isle of Man |
| 924 | mabtext.tft | nam | IN | India |
| 925 | mabtext.tft | nam | IO | British Indian Ocean Territory |
| 926 | mabtext.tft | nam | IP | Clipperton Island |
| 927 | mabtext.tft | nam | IR | Iran |
| 928 | mabtext.tft | nam | IS | Israel |
| 929 | mabtext.tft | nam | IT | Italy |
| 930 | mabtext.tft | nam | IV | Cote D'Ivoire |
| 931 | mabtext.tft | nam | IZ | Iraq |
| 932 | mabtext.tft | nam | JA | Japan |
| 933 | mabtext.tft | nam | JE | Jersey |
| 934 | mabtext.tft | nam | JM | Jamaica |
| 935 | mabtext.tft | nam | JN | Jan Mayen |
| 936 | mabtext.tft | nam | JO | Jordan |
| 937 | mabtext.tft | nam | JQ | Johnston Atoll |
| 938 | mabtext.tft | nam | JU | Juan De Nova Island |
| 939 | mabtext.tft | nam | KE | Kenya |
| 940 | mabtext.tft | nam | KG | Kyrgyzstan |
| 941 | mabtext.tft | nam | KN | North Korea |
| 942 | mabtext.tft | nam | KQ | Kingman Reef |
| 943 | mabtext.tft | nam | KR | Kiribati |
| 944 | mabtext.tft | nam | KS | South Korea |
| 945 | mabtext.tft | nam | KT | Christmas Island |
| 946 | mabtext.tft | nam | KU | Kuwait |
| 947 | mabtext.tft | nam | KZ | Kazakhstan |

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TABLE B-15. Maritime Boundaries Character Value Description Table
(continued).

| | | | | |
|-----|-------------|-----|----|--|
| 948 | mabtext.tft | nam | LA | Laos |
| 949 | mabtext.tft | nam | LE | Lebanon |
| 950 | mabtext.tft | nam | LG | Latvia |
| 951 | mabtext.tft | nam | LH | Lithuania |
| 952 | mabtext.tft | nam | LI | Liberia |
| 953 | mabtext.tft | nam | LO | Slovakia |
| 954 | mabtext.tft | nam | LQ | Palmyra Atoll |
| 955 | mabtext.tft | nam | LS | Liechtenstein |
| 956 | mabtext.tft | nam | LT | Lesotho |
| 957 | mabtext.tft | nam | LU | Luxembourg |
| 958 | mabtext.tft | nam | LY | Libya |
| 959 | mabtext.tft | nam | MA | Madagascar |
| 960 | mabtext.tft | nam | MB | Martinique |
| 961 | mabtext.tft | nam | MC | Macau |
| 962 | mabtext.tft | nam | MD | Moldova |
| 963 | mabtext.tft | nam | MF | Mayotte |
| 964 | mabtext.tft | nam | MG | Mongolia |
| 965 | mabtext.tft | nam | MH | Montserrat |
| 966 | mabtext.tft | nam | MI | Malawi |
| 967 | mabtext.tft | nam | MK | The Former Yugoslav Republic of Macedonia |
| 968 | mabtext.tft | nam | ML | Mali |
| 969 | mabtext.tft | nam | MN | Monaco |
| 970 | mabtext.tft | nam | MO | Morocco |
| 971 | mabtext.tft | nam | MP | Mauritius |
| 972 | mabtext.tft | nam | MQ | Midway Islands |
| 973 | mabtext.tft | nam | MR | Mauritania |
| 974 | mabtext.tft | nam | MT | Malta |
| 975 | mabtext.tft | nam | MU | Oman |
| 976 | mabtext.tft | nam | MV | Maldives |
| 977 | mabtext.tft | nam | MW | Montenegro |
| 978 | mabtext.tft | nam | MX | Mexico |
| 979 | mabtext.tft | nam | MY | Malaysia |
| 980 | mabtext.tft | nam | MZ | Mozambique |
| 981 | mabtext.tft | nam | NC | New Caledonia |
| 982 | mabtext.tft | nam | NE | Niue |
| 983 | mabtext.tft | nam | NF | Norfolk Island |
| 984 | mabtext.tft | nam | NG | Niger |
| 985 | mabtext.tft | nam | NH | Vanuatu |
| 986 | mabtext.tft | nam | NI | Nigeria |
| 987 | mabtext.tft | nam | NL | Netherlands |
| 988 | mabtext.tft | nam | NO | Norway |
| 989 | mabtext.tft | nam | NP | Nepal |
| 990 | mabtext.tft | nam | NR | Nauru |
| 991 | mabtext.tft | nam | NS | Suriname |
| 992 | mabtext.tft | nam | NT | Netherlands Antilles |
| 993 | mabtext.tft | nam | NU | Nicaragua |
| 994 | mabtext.tft | nam | NZ | New Zealand |
| 995 | mabtext.tft | nam | OS | No Sovereignty |
| 996 | mabtext.tft | nam | PA | Paraguay |
| 997 | mabtext.tft | nam | PC | Pitcairn Islands |
| 998 | mabtext.tft | nam | PE | Peru |

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TABLE B-15. Maritime Boundaries Character Value Description Table
(continued).

| | | | | |
|------|-------------|-----|----|---|
| 999 | mabtext.tft | nam | PF | Paracel Islands |
| 1000 | mabtext.tft | nam | PG | Spratly Islands |
| 1001 | mabtext.tft | nam | PK | Pakistan |
| 1002 | mabtext.tft | nam | PL | Poland |
| 1003 | mabtext.tft | nam | PM | Panama |
| 1004 | mabtext.tft | nam | PO | Portugal |
| 1005 | mabtext.tft | nam | PP | Papua New Guinea |
| 1006 | mabtext.tft | nam | PS | Palau |
| 1007 | mabtext.tft | nam | PU | Guinea-Bissau |
| 1008 | mabtext.tft | nam | QA | Qatar |
| 1009 | mabtext.tft | nam | RE | Reunion |
| 1010 | mabtext.tft | nam | RM | Marshall Islands |
| 1011 | mabtext.tft | nam | RO | Romania |
| 1012 | mabtext.tft | nam | RP | Philippines |
| 1013 | mabtext.tft | nam | RQ | Puerto Rico |
| 1014 | mabtext.tft | nam | RS | Russia |
| 1015 | mabtext.tft | nam | RW | Rwanda |
| 1016 | mabtext.tft | nam | SA | Saudi Arabia |
| 1017 | mabtext.tft | nam | SB | Saint Pierre and Miquelon |
| 1018 | mabtext.tft | nam | SC | Saint Kitts and Nevis |
| 1019 | mabtext.tft | nam | SE | Seychelles |
| 1020 | mabtext.tft | nam | SF | South Africa |
| 1021 | mabtext.tft | nam | SG | Senegal |
| 1022 | mabtext.tft | nam | SH | Saint Helena |
| 1023 | mabtext.tft | nam | SI | Slovenia |
| 1024 | mabtext.tft | nam | SL | Sierra Leone |
| 1025 | mabtext.tft | nam | SM | San Marino |
| 1026 | mabtext.tft | nam | SN | Singapore |
| 1027 | mabtext.tft | nam | SO | Somalia |
| 1028 | mabtext.tft | nam | SP | Spain |
| 1029 | mabtext.tft | nam | SR | Serbia |
| 1030 | mabtext.tft | nam | ST | Saint Lucia |
| 1031 | mabtext.tft | nam | SU | Sudan |
| 1032 | mabtext.tft | nam | SV | Svalbard |
| 1033 | mabtext.tft | nam | SW | Sweden |
| 1034 | mabtext.tft | nam | SX | South Georgia and the South Sandwich Islands |
| 1035 | mabtext.tft | nam | SY | Syria |
| 1036 | mabtext.tft | nam | SZ | Switzerland |
| 1037 | mabtext.tft | nam | TD | Trinidad and Tobago |
| 1038 | mabtext.tft | nam | TE | Tromelin Island |
| 1039 | mabtext.tft | nam | TH | Thailand |
| 1040 | mabtext.tft | nam | TI | Tajikistan |
| 1041 | mabtext.tft | nam | TK | Turks and Caicos Islands |
| 1042 | mabtext.tft | nam | TL | Tokelau |
| 1043 | mabtext.tft | nam | TN | Tonga |
| 1044 | mabtext.tft | nam | TO | Togo |
| 1045 | mabtext.tft | nam | TP | Sao Tome and Principe |
| 1046 | mabtext.tft | nam | TS | Tunisia |
| 1047 | mabtext.tft | nam | TU | Turkey |
| 1048 | mabtext.tft | nam | TV | Tuvalu |
| 1049 | mabtext.tft | nam | TW | Taiwan |

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TABLE B-15. Maritime Boundaries Character Value Description Table
(continued).

| | | | | |
|------|-------------|-----|----|-------------------------------------|
| 1050 | mabtext.tft | nam | TX | Turkmenistan |
| 1051 | mabtext.tft | nam | TZ | Tanzania |
| 1052 | mabtext.tft | nam | UG | Uganda |
| 1053 | mabtext.tft | nam | UK | United Kingdom |
| 1054 | mabtext.tft | nam | UN | UN Control |
| 1055 | mabtext.tft | nam | UP | Ukraine |
| 1056 | mabtext.tft | nam | US | United States |
| 1057 | mabtext.tft | nam | UV | Burkina Faso |
| 1058 | mabtext.tft | nam | UY | Uruguay |
| 1059 | mabtext.tft | nam | UZ | Uzbekistan |
| 1060 | mabtext.tft | nam | VC | Saint Vincent and the Grenadines |
| 1061 | mabtext.tft | nam | VE | Venezuela |
| 1062 | mabtext.tft | nam | VI | British Virgin Islands |
| 1063 | mabtext.tft | nam | VM | Vietnam |
| 1064 | mabtext.tft | nam | VQ | Virgin Islands |
| 1065 | mabtext.tft | nam | VT | Vatican City |
| 1066 | mabtext.tft | nam | WA | Namibia |
| 1067 | mabtext.tft | nam | WE | West Bank |
| 1068 | mabtext.tft | nam | WF | Wallis and Futuna |
| 1069 | mabtext.tft | nam | WI | Western Sahara |
| 1070 | mabtext.tft | nam | WQ | Wake Island |
| 1071 | mabtext.tft | nam | WS | Samoa |
| 1072 | mabtext.tft | nam | WZ | Swaziland |
| 1073 | mabtext.tft | nam | YM | Yemen |
| 1074 | mabtext.tft | nam | YY | Other |
| 1075 | mabtext.tft | nam | ZA | Zambia |
| 1076 | mabtext.tft | nam | ZI | Zimbabwe |

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TABLE B-16. Maritime Boundaries Integer Value Description Table.

Thematic Layer: Maritime Boundaries
 Coverage Name: **mab**
 Feature Table Description: Maritime Boundaries Integer Value Description Table
 Table Name: **int.vdt**

| {Header length and byte order}; Maritime Boundaries Integer Value Description Table;-; | | | | |
|---|-------------|-----|---|---|
| id=I,1,P,Row id,-,-,-,; | | | | |
| table=T,12,N,Name of the feature table,-,-,-,; | | | | |
| attribute=T,16,N,Column name,-,-,-,; | | | | |
| value=S,1,N,Unique value of attribute,-,-,-,; | | | | |
| description=T,*N,Description of attribute,-,-,-,;: | | | | |
| 1 | mabline.lft | bst | 0 | Unknown |
| 2 | mabline.lft | bst | 1 | Definite |
| 3 | mabline.lft | bst | 2 | Indefinite |
| 4 | mabline.lft | bst | 3 | In Dispute |
| 5 | mabline.lft | bst | 4 | No Defined Boundary |
| 6 | mabline.lft | mbl | 6 | Territorial Waters - Limit of Sovereignty |
| 7 | mabline.lft | mbl | 9 | International Boundary (at sea) |

TABLE B-17. Maritime Boundaries Area Feature Table.

Thematic Layer: Maritime Boundaries
 Coverage Name: **mab**
 Feature Table Description: Maritime Boundaries Area Feature Table
 Table Name: **mabarea.aft**

| {Header length and byte order}; Maritime Boundaries Area Feature Table;-; | | | | |
|--|--|--|--|--|
| id=I,1,P,Row id,-,-,-,; | | | | |
| fac_id=I,1,N,Primitive id,-,fac_id.ati,-,; | | | | |
| facc=T,5,N,FACC Feature Code,char.vdt,-,-,-,; | | | | |
| nam=T,2,N,Country Name Code,char.vdt,nam.ati,-,; | | | | |
| tile_id=S,1,N,Tile id,-,tile_id.ati,-,;: | | | | |

| Column | Description | Value | Value Meaning | Applicable f_code for Attribute Value |
|-------------|-------------------|---|---------------------|---------------------------------------|
| id | Row Identifier | Sequential beginning with 1 | | |
| facc | FACC Feature Code | FA001 | Administrative Area | |
| nam | Name | 2-character country code (see char.vdt) | | FA001 |
| | | "/U" (No entry present) | | FA001 |

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TABLE B-18. Maritime Boundaries Line Feature Table.

Thematic Layer: Maritime Boundaries
 Coverage Name: **mab**
 Feature Table Description: Maritime Boundaries Line Feature Table
 Table Name: **mabline.lft**

```
{Header length and byte order};
Maritime Boundaries Line Feature Table;-;
id=I,1,P,Row id,-,-,-,:
edg_id=I,1,N,Primitive id,-,edg_id.lti,-:
facc=T,5,N,FACC Feature Code,char.vdt,facc.lti,-,:
bst=S,1,N,Boundary Status Type,int.vdt,bst.lti,-,:
mbl=S,1,N,Maritime Boundary Limit,int.vdt,mbl.lti,-,:
nm3=T,2,N,Name 3,char.vdt,nm3.lti,-,:
nm4=T,2,N,Name 4,char.vdt,nm4.lti,-,:
tile_id=S,1,N,Tile id,-,tile_id.lti,-,;:
```

| Column | Description | Value | Value Meaning | Applicable f_code for Attribute Value |
|-------------|----------------------|--------|------------------------------|---|
| id | Row Identifier | | Sequential beginning with 1 | |
| facc | FACC Feature Code | | | |
| | | FA000 | Administrative Boundary | |
| | | FA020 | Armistice Line | |
| | | FA030 | Cease-Fire Line | |
| | | FA040 | Claim Line | |
| | | FA050 | Mandate Line/Convention Line | |
| | | FA060 | Defacto Boundary | |
| | | FA070 | Demilitarized Zone | |
| | | FC021 | Maritime Limit Boundary | |
| | | ZD003 | Artifact Location | |
| bst | Boundary Status Type | | | |
| | | -32768 | Null | ZD003 |
| | | 0 | Unknown | FA000,FA020,FA030, FA040,FA050,FA060, FA070,FC021 |
| | | 1 | Definite | FA000,FA020,FA030, FA040,FA050,FA060, FA070,FC021 |
| | | 2 | Indefinite | FA000,FA020,FA030, FA040,FA050,FA060, FA070,FC021 |
| | | 3 | In Dispute | FA000,FA020,FA030, FA040,FA050,FA060, FA070,FC021 |
| | | 4 | No Defined Boundary | FA000,FA020,FA030, FA040,FA050,FA060, FA070,FC021 |

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TABLE B-18. Maritime Boundaries Line Feature Table (continued).

| Column | Description | Value | Value Meaning | Applicable f_code for Attribute Value |
|--------|---|--|--|---|
| mb1 | Maritime Boundary Limit | -32768 | Null | FA000,FA020,FA030, FA040,FA050,FA060, FA070,ZD003 |
| | | 6 | Territorial Waters - Limit of Sovereignty | FC021 |
| | | 9 | International Boundary (at sea) | FC021 |
| nm3 | Name 3 (name of the political entity on one side of a boundary) | -- | Null | ZD003 |
| | | 2-character country code (see char.vdt) | | FA000,FA020,FA030 FA040,FA050,FA060 FA070,FC021 |
| | | "/U" (No entry present) | | FA000,FA020,FA030 FA040,FA050,FA060 FA070,FC021 |
| nm4 | Name 4 (name of the political entity on the other side of a boundary) | -- | Null | ZD003 |
| | | 2-character country code (see char.vdt) | | FA000,FA020,FA030 FA040,FA050,FA060 FA070,FC021 |
| | | "/U" (No entry present) | | FA000,FA020,FA030 FA040,FA050,FA060 FA070,FC021 |

TABLE B-19. Maritime Boundaries Text Feature Table.

Thematic Layer: Maritime Boundaries
Coverage Name: **mab**
Feature Table Description: Maritime Boundaries Text Feature Table
Table Name: **mabtext.tft**

```
{Header length and byte order};
Maritime Boundaries Text Feature Table;-;
id=I,1,P,Row id,-,-,-,:
txt_id=I,1,N,Primitive id,-,txt_id.tti,-,:
facc=T,5,N,FACC Feature Code,char.vdt,-,-,:
nam=T,2,N,Country Name Code,char.vdt,nam.tti,-,:
tile_id=S,1,N,Tile id,-,tile_id.tti,-,:;
```

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TABLE B-19. Maritime Boundaries Text Feature Table (continued).

| <u>Column</u> | <u>Description</u> | <u>Value</u> | <u>Value Meaning</u> | <u>Applicable f_code for Attribute Value</u> |
|---------------|--------------------|--|----------------------|--|
| id | Row Identifier | Sequential beginning with 1 | | |
| facc | FACC Feature Code | ZD040 | Named Location | |
| nam | Name | 2-character country code (see char.vdt) | | ZD040 |

TABLE B-20. Maritime Boundaries Notes Join Table.

Thematic Layer: Maritime Boundaries
 Coverage Name: **mab**
 Feature Table Description: Maritime Boundaries Notes Join Table
 Table Name: **mabline.njt**

```
{Header length and byte order};
Maritime Boundaries Notes Join Table;-;
id=I,1,P,Row id,-,-,-,:
mabline.lft_id=I,1,N,Foreign key to feature table,-,lft_id.nti,-,:
rat_id=S,1,N,Foreign key to notes related attribute table,-
,rat_id.nti,-,:;
```

TABLE B-21. Maritime Boundaries Notes Related Attribute Table.

Thematic Layer: Maritime Boundaries
 Coverage Name: **mab**
 Feature Table Description: Maritime Boundaries Notes Related Attribute Table
 Table Name: **notes.rat**

```
{Header length and byte order};
Maritime Boundaries Notes Related Attribute Table;-;
id=I,1,P,Row id,-,-,-,:
text=T,*N,Feature specific notes,-,-,-,:;
```

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TABLE B-22. Content and Format for Maritime Boundaries Feature Class Schema Table.

Thematic Layer: Maritime Boundaries
 Coverage Name: **mab**
 Feature Table Description: Maritime Boundaries Feature Class Schema Table
 Table Name: **fcs**

| {Header length}L; Maritime Boundaries Feature Class Schema Table;-; id=I,1,P,Row id,-,-,-,; feature_class=T,8,N,Name of feature class,-,-,-,; table1=T,12,N,The first table in a relationship,-,-,-,; table1_key=T,*N,Join column name in first table,-,-,-,; table2=T,12,N,The second table in a relationship,-,-,-,; table2_key=T,*N,Join column name in second table,-,-,-,; | | | | | |
|--|---------|-------------|----------------|-------------|----------------|
| 1 | mabarea | mabarea.aft | fac_id | fac | id |
| 2 | mabarea | fac | mabarea.aft_id | mabarea.aft | id |
| 3 | mabline | mabline.lft | edg_id | edg | id |
| 4 | mabline | edg | mabline.lft_id | mabline.lft | id |
| 5 | mabline | mabline.lft | id | mabline.njt | mabline.lft_id |
| 6 | mabline | mabline.njt | rat_id | notes.rat | id |
| 7 | mabline | notes.rat | id | mabline.njt | rat_id |
| 8 | mabline | mabline.njt | mabline.lft_id | mabline.lft | id |
| 9 | mabtext | mabtext.tft | txt_id | txt | id |
| 10 | mabtext | txt | mabtext.tft_id | mabtext.tft | id |

B.3.5 Maritime Boundaries Supplemental coverage. **This coverage exists only in the WVS250K library.** This coverage contains the baselines used to construct the maritime boundaries found in the MAB coverage (as defined by DoD 2005.1-M), as well as certain maritime boundary limits claimed by a country (beyond the DoD 2005.1M recognized limit) and corresponding seaward extensions of international boundaries.

TABLE B-23. Maritime Boundaries Supplemental Coverage List of FACC, Attributes, and Associated Primitives.

| Feature name/attribute name | FACC code | attr. | edg | fac | txt |
|-----------------------------|-----------|-------|-----|-----|-----|
| Maritime Limit Boundary | FC021 | | x | | |
| Maritime Boundary Limit | | mb1 | | | |
| Name 3 | | nm3 | | | |
| Name 4 | | nm4 | | | |

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TABLE B-24. Maritime Boundaries Supplemental Character Value Description Table.

Thematic Layer: Maritime Boundaries Supplemental
 Coverage Name: **mbs**
 Feature Table Description: Maritime Boundaries Supplemental Character Value Description Table
 Table Name: **char.vdt**

| {Header length and byte order}; Maritime Boundaries Supplemental Character Value Description Table;-; | | | | |
|--|-------------|------|-------|-----------------------------|
| id=I,1,P,Row id,-,-,-; | | | | |
| table=T,12,N,Name of the feature table,-,-,-; | | | | |
| attribute=T,16,N,Column name,-,-,-; | | | | |
| value=T,5,N,Unique value of attribute,-,-,-; | | | | |
| description=T,*,N,Description of attribute,-,-,-; | | | | |
| 1 | mbsline.lft | facc | FC021 | Maritime Limit Boundary |
| 2 | mbsline.lft | nm3 | -O | Open Ocean |
| 3 | mbsline.lft | nm3 | /U | No entry present |
| 4 | mbsline.lft | nm3 | AA | Aruba |
| 5 | mbsline.lft | nm3 | AC | Antigua and Barbuda |
| 6 | mbsline.lft | nm3 | AE | United Arab Emirates |
| 7 | mbsline.lft | nm3 | AF | Afghanistan |
| 8 | mbsline.lft | nm3 | AG | Algeria |
| 9 | mbsline.lft | nm3 | AJ | Azerbaijan |
| 10 | mbsline.lft | nm3 | AL | Albania |
| 11 | mbsline.lft | nm3 | AM | Armenia |
| 12 | mbsline.lft | nm3 | AN | Andorra |
| 13 | mbsline.lft | nm3 | AO | Angola |
| 14 | mbsline.lft | nm3 | AQ | American Samoa |
| 15 | mbsline.lft | nm3 | AR | Argentina |
| 16 | mbsline.lft | nm3 | AS | Australia |
| 17 | mbsline.lft | nm3 | AT | Ashmore and Cartier Islands |
| 18 | mbsline.lft | nm3 | AU | Austria |
| 19 | mbsline.lft | nm3 | AV | Anguilla |
| 20 | mbsline.lft | nm3 | AY | Antarctica |
| 21 | mbsline.lft | nm3 | BA | Bahrain |
| 22 | mbsline.lft | nm3 | BB | Barbados |
| 23 | mbsline.lft | nm3 | BC | Botswana |
| 24 | mbsline.lft | nm3 | BD | Bermuda |
| 25 | mbsline.lft | nm3 | BE | Belgium |
| 26 | mbsline.lft | nm3 | BF | The Bahamas |
| 27 | mbsline.lft | nm3 | BG | Bangladesh |
| 28 | mbsline.lft | nm3 | BH | Belize |
| 29 | mbsline.lft | nm3 | BK | Bosnia and Herzegovina |
| 30 | mbsline.lft | nm3 | BL | Bolivia |
| 31 | mbsline.lft | nm3 | BM | Burma |
| 32 | mbsline.lft | nm3 | BN | Benin |
| 33 | mbsline.lft | nm3 | BO | Belarus |
| 34 | mbsline.lft | nm3 | BP | Solomon Islands |
| 35 | mbsline.lft | nm3 | BQ | Navassa Island |
| 36 | mbsline.lft | nm3 | BR | Brazil |
| 37 | mbsline.lft | nm3 | BS | Bassas Da India |
| 38 | mbsline.lft | nm3 | BT | Bhutan |

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TABLE B-24. Maritime Boundaries Supplemental Character Value Description Table (continued).

| | | | | |
|----|-------------|-----|----|-------------------------------------|
| 39 | mbsline.lft | nm3 | BU | Bulgaria |
| 40 | mbsline.lft | nm3 | BV | Bouvet Island |
| 41 | mbsline.lft | nm3 | BX | Brunei |
| 42 | mbsline.lft | nm3 | BY | Burundi |
| 43 | mbsline.lft | nm3 | CA | Canada |
| 44 | mbsline.lft | nm3 | CB | Cambodia |
| 45 | mbsline.lft | nm3 | CD | Chad |
| 46 | mbsline.lft | nm3 | CE | Sri Lanka |
| 47 | mbsline.lft | nm3 | CF | Congo |
| 48 | mbsline.lft | nm3 | CG | Congo (Democratic Republic of the) |
| 49 | mbsline.lft | nm3 | CH | China |
| 50 | mbsline.lft | nm3 | CI | Chile |
| 51 | mbsline.lft | nm3 | CJ | Cayman Islands |
| 52 | mbsline.lft | nm3 | CK | Cocos (Keeling) Islands |
| 53 | mbsline.lft | nm3 | CM | Cameroon |
| 54 | mbsline.lft | nm3 | CN | Comoros |
| 55 | mbsline.lft | nm3 | CO | Colombia |
| 56 | mbsline.lft | nm3 | CQ | Northern Mariana Islands |
| 57 | mbsline.lft | nm3 | CR | Coral Sea Islands |
| 58 | mbsline.lft | nm3 | CS | Costa Rica |
| 59 | mbsline.lft | nm3 | CT | Central African Republic |
| 60 | mbsline.lft | nm3 | CU | Cuba |
| 61 | mbsline.lft | nm3 | CV | Cape Verde |
| 62 | mbsline.lft | nm3 | CW | Cook Islands |
| 63 | mbsline.lft | nm3 | CY | Cyprus |
| 64 | mbsline.lft | nm3 | DA | Denmark |
| 65 | mbsline.lft | nm3 | DJ | Djibouti |
| 66 | mbsline.lft | nm3 | DO | Dominica |
| 67 | mbsline.lft | nm3 | DQ | Jarvis Island |
| 68 | mbsline.lft | nm3 | DR | Dominican Republic |
| 69 | mbsline.lft | nm3 | EC | Ecuador |
| 70 | mbsline.lft | nm3 | EG | Egypt |
| 71 | mbsline.lft | nm3 | EI | Ireland |
| 72 | mbsline.lft | nm3 | EK | Equatorial Guinea |
| 73 | mbsline.lft | nm3 | EN | Estonia |
| 74 | mbsline.lft | nm3 | ER | Eritrea |
| 75 | mbsline.lft | nm3 | ES | El Salvador |
| 76 | mbsline.lft | nm3 | ET | Ethiopia |
| 77 | mbsline.lft | nm3 | EU | Europa Island |
| 78 | mbsline.lft | nm3 | EZ | Czech Republic |
| 79 | mbsline.lft | nm3 | FG | French Guiana |
| 80 | mbsline.lft | nm3 | FI | Finland |
| 81 | mbsline.lft | nm3 | FJ | Fiji |
| 82 | mbsline.lft | nm3 | FK | Falkland Islands (Islas Malvinas) |
| 83 | mbsline.lft | nm3 | FM | Federated States of Micronesia |
| 84 | mbsline.lft | nm3 | FO | Faroe Islands |
| 85 | mbsline.lft | nm3 | FP | French Polynesia |
| 86 | mbsline.lft | nm3 | FQ | Baker Island |
| 87 | mbsline.lft | nm3 | FR | France |
| 88 | mbsline.lft | nm3 | FS | French Southern and Antarctic Lands |

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TABLE B-24. Maritime Boundaries Supplemental Character Value Description Table (continued).

| | | | | |
|-----|-------------|-----|----|-----------------------------------|
| 89 | mbsline.lft | nm3 | GA | The Gambia |
| 90 | mbsline.lft | nm3 | GB | Gabon |
| 91 | mbsline.lft | nm3 | GG | Georgia |
| 92 | mbsline.lft | nm3 | GH | Ghana |
| 93 | mbsline.lft | nm3 | GI | Gibraltar |
| 94 | mbsline.lft | nm3 | GJ | Grenada |
| 95 | mbsline.lft | nm3 | GK | Guernsey |
| 96 | mbsline.lft | nm3 | GL | Greenland |
| 97 | mbsline.lft | nm3 | GM | Germany |
| 98 | mbsline.lft | nm3 | GO | Glorioso Islands |
| 99 | mbsline.lft | nm3 | GP | Guadeloupe |
| 100 | mbsline.lft | nm3 | GQ | Guam |
| 101 | mbsline.lft | nm3 | GR | Greece |
| 102 | mbsline.lft | nm3 | GT | Guatemala |
| 103 | mbsline.lft | nm3 | GV | Guinea |
| 104 | mbsline.lft | nm3 | GY | Guyana |
| 105 | mbsline.lft | nm3 | GZ | Gaza Strip |
| 106 | mbsline.lft | nm3 | HA | Haiti |
| 107 | mbsline.lft | nm3 | HK | Hong Kong |
| 108 | mbsline.lft | nm3 | HM | Heard Island and McDonald Islands |
| 109 | mbsline.lft | nm3 | HO | Honduras |
| 110 | mbsline.lft | nm3 | HQ | Howland Island |
| 111 | mbsline.lft | nm3 | HR | Croatia |
| 112 | mbsline.lft | nm3 | HU | Hungary |
| 113 | mbsline.lft | nm3 | IC | Iceland |
| 114 | mbsline.lft | nm3 | ID | Indonesia |
| 115 | mbsline.lft | nm3 | IM | Isle of Man |
| 116 | mbsline.lft | nm3 | IN | India |
| 117 | mbsline.lft | nm3 | IO | British Indian Ocean Territory |
| 118 | mbsline.lft | nm3 | IP | Clipperton Island |
| 119 | mbsline.lft | nm3 | IR | Iran |
| 120 | mbsline.lft | nm3 | IS | Israel |
| 121 | mbsline.lft | nm3 | IT | Italy |
| 122 | mbsline.lft | nm3 | IV | Cote D'Ivoire |
| 123 | mbsline.lft | nm3 | IZ | Iraq |
| 124 | mbsline.lft | nm3 | JA | Japan |
| 125 | mbsline.lft | nm3 | JE | Jersey |
| 126 | mbsline.lft | nm3 | JM | Jamaica |
| 127 | mbsline.lft | nm3 | JN | Jan Mayen |
| 128 | mbsline.lft | nm3 | JO | Jordan |
| 129 | mbsline.lft | nm3 | JQ | Johnston Atoll |
| 130 | mbsline.lft | nm3 | JU | Juan De Nova Island |
| 131 | mbsline.lft | nm3 | KE | Kenya |
| 132 | mbsline.lft | nm3 | KG | Kyrgyzstan |
| 133 | mbsline.lft | nm3 | KN | North Korea |
| 134 | mbsline.lft | nm3 | KQ | Kingman Reef |
| 135 | mbsline.lft | nm3 | KR | Kiribati |
| 136 | mbsline.lft | nm3 | KS | South Korea |
| 137 | mbsline.lft | nm3 | KT | Christmas Island |
| 138 | mbsline.lft | nm3 | KU | Kuwait |

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TABLE B-24. Maritime Boundaries Supplemental Character Value Description Table (continued).

| | | | | |
|-----|-------------|-----|----|---|
| 139 | mbsline.lft | nm3 | KZ | Kazakhstan |
| 140 | mbsline.lft | nm3 | LA | Laos |
| 141 | mbsline.lft | nm3 | LE | Lebanon |
| 142 | mbsline.lft | nm3 | LG | Latvia |
| 143 | mbsline.lft | nm3 | LH | Lithuania |
| 144 | mbsline.lft | nm3 | LI | Liberia |
| 145 | mbsline.lft | nm3 | LO | Slovakia |
| 146 | mbsline.lft | nm3 | LQ | Palmyra Atoll |
| 147 | mbsline.lft | nm3 | LS | Liechtenstein |
| 148 | mbsline.lft | nm3 | LT | Lesotho |
| 149 | mbsline.lft | nm3 | LU | Luxembourg |
| 150 | mbsline.lft | nm3 | LY | Libya |
| 151 | mbsline.lft | nm3 | MA | Madagascar |
| 152 | mbsline.lft | nm3 | MB | Martinique |
| 153 | mbsline.lft | nm3 | MC | Macau |
| 154 | mbsline.lft | nm3 | MD | Moldova |
| 155 | mbsline.lft | nm3 | MF | Mayotte |
| 156 | mbsline.lft | nm3 | MG | Mongolia |
| 157 | mbsline.lft | nm3 | MH | Montserrat |
| 158 | mbsline.lft | nm3 | MI | Malawi |
| 159 | mbsline.lft | nm3 | MK | The Former Yugoslav Republic of Macedonia |
| 160 | mbsline.lft | nm3 | ML | Mali |
| 161 | mbsline.lft | nm3 | MN | Monaco |
| 162 | mbsline.lft | nm3 | MO | Morocco |
| 163 | mbsline.lft | nm3 | MP | Mauritius |
| 164 | mbsline.lft | nm3 | MQ | Midway Islands |
| 165 | mbsline.lft | nm3 | MR | Mauritania |
| 166 | mbsline.lft | nm3 | MT | Malta |
| 167 | mbsline.lft | nm3 | MU | Oman |
| 168 | mbsline.lft | nm3 | MV | Maldives |
| 169 | mbsline.lft | nm3 | MW | Montenegro |
| 170 | mbsline.lft | nm3 | MX | Mexico |
| 171 | mbsline.lft | nm3 | MY | Malaysia |
| 172 | mbsline.lft | nm3 | MZ | Mozambique |
| 173 | mbsline.lft | nm3 | NC | New Caledonia |
| 174 | mbsline.lft | nm3 | NE | Niue |
| 175 | mbsline.lft | nm3 | NF | Norfolk Island |
| 176 | mbsline.lft | nm3 | NG | Niger |
| 177 | mbsline.lft | nm3 | NH | Vanuatu |
| 178 | mbsline.lft | nm3 | NI | Nigeria |
| 179 | mbsline.lft | nm3 | NL | Netherlands |
| 180 | mbsline.lft | nm3 | NO | Norway |
| 181 | mbsline.lft | nm3 | NP | Nepal |
| 182 | mbsline.lft | nm3 | NR | Nauru |
| 183 | mbsline.lft | nm3 | NS | Suriname |
| 184 | mbsline.lft | nm3 | NT | Netherlands Antilles |
| 185 | mbsline.lft | nm3 | NU | Nicaragua |
| 186 | mbsline.lft | nm3 | NZ | New Zealand |
| 187 | mbsline.lft | nm3 | OS | No Sovereignty |

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TABLE B-24. Maritime Boundaries Supplemental Character Value Description Table (continued).

| | | | | |
|-----|-------------|-----|----|---|
| 188 | mbsline.lft | nm3 | PA | Paraguay |
| 189 | mbsline.lft | nm3 | PC | Pitcairn Islands |
| 190 | mbsline.lft | nm3 | PE | Peru |
| 191 | mbsline.lft | nm3 | PF | Paracel Islands |
| 192 | mbsline.lft | nm3 | PG | Spratly Islands |
| 193 | mbsline.lft | nm3 | PK | Pakistan |
| 194 | mbsline.lft | nm3 | PL | Poland |
| 195 | mbsline.lft | nm3 | PM | Panama |
| 196 | mbsline.lft | nm3 | PO | Portugal |
| 197 | mbsline.lft | nm3 | PP | Papua New Guinea |
| 198 | mbsline.lft | nm3 | PS | Palau |
| 199 | mbsline.lft | nm3 | PU | Guinea-Bissau |
| 200 | mbsline.lft | nm3 | QA | Qatar |
| 201 | mbsline.lft | nm3 | RE | Reunion |
| 202 | mbsline.lft | nm3 | RM | Marshall Islands |
| 203 | mbsline.lft | nm3 | RO | Romania |
| 204 | mbsline.lft | nm3 | RP | Philippines |
| 205 | mbsline.lft | nm3 | RQ | Puerto Rico |
| 206 | mbsline.lft | nm3 | RS | Russia |
| 207 | mbsline.lft | nm3 | RW | Rwanda |
| 208 | mbsline.lft | nm3 | SA | Saudi Arabia |
| 209 | mbsline.lft | nm3 | SB | Saint Pierre and Miquelon |
| 210 | mbsline.lft | nm3 | SC | Saint Kitts and Nevis |
| 211 | mbsline.lft | nm3 | SE | Seychelles |
| 212 | mbsline.lft | nm3 | SF | South Africa |
| 213 | mbsline.lft | nm3 | SG | Senegal |
| 214 | mbsline.lft | nm3 | SH | Saint Helena |
| 215 | mbsline.lft | nm3 | SI | Slovenia |
| 216 | mbsline.lft | nm3 | SL | Sierra Leone |
| 217 | mbsline.lft | nm3 | SM | San Marino |
| 218 | mbsline.lft | nm3 | SN | Singapore |
| 219 | mbsline.lft | nm3 | SO | Somalia |
| 220 | mbsline.lft | nm3 | SP | Spain |
| 221 | mbsline.lft | nm3 | SR | Serbia |
| 222 | mbsline.lft | nm3 | ST | Saint Lucia |
| 223 | mbsline.lft | nm3 | SU | Sudan |
| 224 | mbsline.lft | nm3 | SV | Svalbard |
| 225 | mbsline.lft | nm3 | SW | Sweden |
| 226 | mbsline.lft | nm3 | SX | South Georgia and the South Sandwich Islands |
| 227 | mbsline.lft | nm3 | SY | Syria |
| 228 | mbsline.lft | nm3 | SZ | Switzerland |
| 229 | mbsline.lft | nm3 | TD | Trinidad and Tobago |
| 230 | mbsline.lft | nm3 | TE | Tromelin Island |
| 231 | mbsline.lft | nm3 | TH | Thailand |
| 232 | mbsline.lft | nm3 | TI | Tajikistan |
| 233 | mbsline.lft | nm3 | TK | Turks and Caicos Islands |
| 234 | mbsline.lft | nm3 | TL | Tokelau |
| 235 | mbsline.lft | nm3 | TN | Tonga |
| 236 | mbsline.lft | nm3 | TO | Togo |

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TABLE B-24. Maritime Boundaries Supplemental Character Value Description Table (continued).

| | | | | |
|-----|-------------|-----|----|----------------------------------|
| 237 | mbsline.lft | nm3 | TP | Sao Tome and Principe |
| 238 | mbsline.lft | nm3 | TS | Tunisia |
| 239 | mbsline.lft | nm3 | TU | Turkey |
| 240 | mbsline.lft | nm3 | TV | Tuvalu |
| 241 | mbsline.lft | nm3 | TW | Taiwan |
| 242 | mbsline.lft | nm3 | TX | Turkmenistan |
| 243 | mbsline.lft | nm3 | TZ | Tanzania |
| 244 | mbsline.lft | nm3 | UG | Uganda |
| 245 | mbsline.lft | nm3 | UK | United Kingdom |
| 246 | mbsline.lft | nm3 | UN | UN Control |
| 247 | mbsline.lft | nm3 | UP | Ukraine |
| 248 | mbsline.lft | nm3 | US | United States |
| 249 | mbsline.lft | nm3 | UV | Burkina Faso |
| 250 | mbsline.lft | nm3 | UY | Uruguay |
| 251 | mbsline.lft | nm3 | UZ | Uzbekistan |
| 252 | mbsline.lft | nm3 | VC | Saint Vincent and the Grenadines |
| 253 | mbsline.lft | nm3 | VE | Venezuela |
| 254 | mbsline.lft | nm3 | VI | British Virgin Islands |
| 255 | mbsline.lft | nm3 | VM | Vietnam |
| 256 | mbsline.lft | nm3 | VQ | Virgin Islands |
| 257 | mbsline.lft | nm3 | VT | Vatican City |
| 258 | mbsline.lft | nm3 | WA | Namibia |
| 259 | mbsline.lft | nm3 | WE | West Bank |
| 260 | mbsline.lft | nm3 | WF | Wallis and Futuna |
| 261 | mbsline.lft | nm3 | WI | Western Sahara |
| 262 | mbsline.lft | nm3 | WQ | Wake Island |
| 263 | mbsline.lft | nm3 | WS | Samoa |
| 264 | mbsline.lft | nm3 | WZ | Swaziland |
| 265 | mbsline.lft | nm3 | YM | Yemen |
| 266 | mbsline.lft | nm3 | YY | Other |
| 267 | mbsline.lft | nm3 | ZA | Zambia |
| 268 | mbsline.lft | nm3 | ZI | Zimbabwe |
| 269 | mbsline.lft | nm4 | -O | Open Ocean |
| 270 | mbsline.lft | nm4 | /U | No entry present |
| 271 | mbsline.lft | nm4 | AA | Aruba |
| 272 | mbsline.lft | nm4 | AC | Antigua and Barbuda |
| 273 | mbsline.lft | nm4 | AE | United Arab Emirates |
| 274 | mbsline.lft | nm4 | AF | Afghanistan |
| 275 | mbsline.lft | nm4 | AG | Algeria |
| 276 | mbsline.lft | nm4 | AJ | Azerbaijan |
| 277 | mbsline.lft | nm4 | AL | Albania |
| 278 | mbsline.lft | nm4 | AM | Armenia |
| 279 | mbsline.lft | nm4 | AN | Andorra |
| 280 | mbsline.lft | nm4 | AO | Angola |
| 281 | mbsline.lft | nm4 | AQ | American Samoa |
| 282 | mbsline.lft | nm4 | AR | Argentina |
| 283 | mbsline.lft | nm4 | AS | Australia |
| 284 | mbsline.lft | nm4 | AT | Ashmore and Cartier Islands |
| 285 | mbsline.lft | nm4 | AU | Austria |
| 286 | mbsline.lft | nm4 | AV | Anguilla |

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TABLE B-24. Maritime Boundaries Supplemental Character Value Description Table (continued).

| | | | | |
|-----|-------------|-----|----|------------------------------------|
| 287 | mbsline.lft | nm4 | AY | Antarctica |
| 288 | mbsline.lft | nm4 | BA | Bahrain |
| 289 | mbsline.lft | nm4 | BB | Barbados |
| 290 | mbsline.lft | nm4 | BC | Botswana |
| 291 | mbsline.lft | nm4 | BD | Bermuda |
| 292 | mbsline.lft | nm4 | BE | Belgium |
| 293 | mbsline.lft | nm4 | BF | The Bahamas |
| 294 | mbsline.lft | nm4 | BG | Bangladesh |
| 295 | mbsline.lft | nm4 | BH | Belize |
| 296 | mbsline.lft | nm4 | BK | Bosnia and Herzegovina |
| 297 | mbsline.lft | nm4 | BL | Bolivia |
| 298 | mbsline.lft | nm4 | BM | Burma |
| 299 | mbsline.lft | nm4 | BN | Benin |
| 300 | mbsline.lft | nm4 | BO | Belarus |
| 301 | mbsline.lft | nm4 | BP | Solomon Islands |
| 302 | mbsline.lft | nm4 | BQ | Navassa Island |
| 303 | mbsline.lft | nm4 | BR | Brazil |
| 304 | mbsline.lft | nm4 | BS | Bassas Da India |
| 305 | mbsline.lft | nm4 | BT | Bhutan |
| 306 | mbsline.lft | nm4 | BU | Bulgaria |
| 307 | mbsline.lft | nm4 | BV | Bouvet Island |
| 308 | mbsline.lft | nm4 | BX | Brunei |
| 309 | mbsline.lft | nm4 | BY | Burundi |
| 310 | mbsline.lft | nm4 | CA | Canada |
| 311 | mbsline.lft | nm4 | CB | Cambodia |
| 312 | mbsline.lft | nm4 | CD | Chad |
| 313 | mbsline.lft | nm4 | CE | Sri Lanka |
| 314 | mbsline.lft | nm4 | CF | Congo |
| 315 | mbsline.lft | nm4 | CG | Congo (Democratic Republic of the) |
| 316 | mbsline.lft | nm4 | CH | China |
| 317 | mbsline.lft | nm4 | CI | Chile |
| 318 | mbsline.lft | nm4 | CJ | Cayman Islands |
| 319 | mbsline.lft | nm4 | CK | Cocos (Keeling) Islands |
| 320 | mbsline.lft | nm4 | CM | Cameroon |
| 321 | mbsline.lft | nm4 | CN | Comoros |
| 322 | mbsline.lft | nm4 | CO | Colombia |
| 323 | mbsline.lft | nm4 | CQ | Northern Mariana Islands |
| 324 | mbsline.lft | nm4 | CR | Coral Sea Islands |
| 325 | mbsline.lft | nm4 | CS | Costa Rica |
| 326 | mbsline.lft | nm4 | CT | Central African Republic |
| 327 | mbsline.lft | nm4 | CU | Cuba |
| 328 | mbsline.lft | nm4 | CV | Cape Verde |
| 329 | mbsline.lft | nm4 | CW | Cook Islands |
| 330 | mbsline.lft | nm4 | CY | Cyprus |
| 331 | mbsline.lft | nm4 | DA | Denmark |
| 332 | mbsline.lft | nm4 | DJ | Djibouti |
| 333 | mbsline.lft | nm4 | DO | Dominica |
| 334 | mbsline.lft | nm4 | DQ | Jarvis Island |
| 335 | mbsline.lft | nm4 | DR | Dominican Republic |

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TABLE B-24. Maritime Boundaries Supplemental Character Value Description Table (continued).

| | | | | |
|-----|-------------|-----|----|-------------------------------------|
| 336 | mbsline.lft | nm4 | EC | Ecuador |
| 337 | mbsline.lft | nm4 | EG | Egypt |
| 338 | mbsline.lft | nm4 | EI | Ireland |
| 339 | mbsline.lft | nm4 | EK | Equatorial Guinea |
| 340 | mbsline.lft | nm4 | EN | Estonia |
| 341 | mbsline.lft | nm4 | ER | Eritrea |
| 342 | mbsline.lft | nm4 | ES | El Salvador |
| 343 | mbsline.lft | nm4 | ET | Ethiopia |
| 344 | mbsline.lft | nm4 | EU | Europa Island |
| 345 | mbsline.lft | nm4 | EZ | Czech Republic |
| 346 | mbsline.lft | nm4 | FG | French Guiana |
| 347 | mbsline.lft | nm4 | FI | Finland |
| 348 | mbsline.lft | nm4 | FJ | Fiji |
| 349 | mbsline.lft | nm4 | FK | Falkland Islands (Islas Malvinas) |
| 350 | mbsline.lft | nm4 | FM | Federated States of Micronesia |
| 351 | mbsline.lft | nm4 | FO | Faroe Islands |
| 352 | mbsline.lft | nm4 | FP | French Polynesia |
| 353 | mbsline.lft | nm4 | FQ | Baker Island |
| 354 | mbsline.lft | nm4 | FR | France |
| 355 | mbsline.lft | nm4 | FS | French Southern and Antarctic Lands |
| 356 | mbsline.lft | nm4 | GA | The Gambia |
| 357 | mbsline.lft | nm4 | GB | Gabon |
| 358 | mbsline.lft | nm4 | GG | Georgia |
| 359 | mbsline.lft | nm4 | GH | Ghana |
| 360 | mbsline.lft | nm4 | GI | Gibraltar |
| 361 | mbsline.lft | nm4 | GJ | Grenada |
| 362 | mbsline.lft | nm4 | GK | Guernsey |
| 363 | mbsline.lft | nm4 | GL | Greenland |
| 364 | mbsline.lft | nm4 | GM | Germany |
| 365 | mbsline.lft | nm4 | GO | Glorioso Islands |
| 366 | mbsline.lft | nm4 | GP | Guadeloupe |
| 367 | mbsline.lft | nm4 | GQ | Guam |
| 368 | mbsline.lft | nm4 | GR | Greece |
| 369 | mbsline.lft | nm4 | GT | Guatemala |
| 370 | mbsline.lft | nm4 | GV | Guinea |
| 371 | mbsline.lft | nm4 | GY | Guyana |
| 372 | mbsline.lft | nm4 | GZ | Gaza Strip |
| 373 | mbsline.lft | nm4 | HA | Haiti |
| 374 | mbsline.lft | nm4 | HK | Hong Kong |
| 375 | mbsline.lft | nm4 | HM | Heard Island and McDonald Islands |
| 376 | mbsline.lft | nm4 | HO | Honduras |
| 377 | mbsline.lft | nm4 | HQ | Howland Island |
| 378 | mbsline.lft | nm4 | HR | Croatia |
| 379 | mbsline.lft | nm4 | HU | Hungary |
| 380 | mbsline.lft | nm4 | IC | Iceland |
| 381 | mbsline.lft | nm4 | ID | Indonesia |
| 382 | mbsline.lft | nm4 | IM | Isle of Man |
| 383 | mbsline.lft | nm4 | IN | India |
| 384 | mbsline.lft | nm4 | IO | British Indian Ocean Territory |

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TABLE B-24. Maritime Boundaries Supplemental Character Value Description Table (continued).

| | | | | |
|-----|-------------|-----|----|---|
| 385 | mbsline.lft | nm4 | IP | Clipperton Island |
| 386 | mbsline.lft | nm4 | IR | Iran |
| 387 | mbsline.lft | nm4 | IS | Israel |
| 388 | mbsline.lft | nm4 | IT | Italy |
| 389 | mbsline.lft | nm4 | IV | Cote D'Ivoire |
| 390 | mbsline.lft | nm4 | IZ | Iraq |
| 391 | mbsline.lft | nm4 | JA | Japan |
| 392 | mbsline.lft | nm4 | JE | Jersey |
| 393 | mbsline.lft | nm4 | JM | Jamaica |
| 394 | mbsline.lft | nm4 | JN | Jan Mayen |
| 395 | mbsline.lft | nm4 | JO | Jordan |
| 396 | mbsline.lft | nm4 | JQ | Johnston Atoll |
| 397 | mbsline.lft | nm4 | JU | Juan De Nova Island |
| 398 | mbsline.lft | nm4 | KE | Kenya |
| 399 | mbsline.lft | nm4 | KG | Kyrgyzstan |
| 400 | mbsline.lft | nm4 | KN | North Korea |
| 401 | mbsline.lft | nm4 | KQ | Kingman Reef |
| 402 | mbsline.lft | nm4 | KR | Kiribati |
| 403 | mbsline.lft | nm4 | KS | South Korea |
| 404 | mbsline.lft | nm4 | KT | Christmas Island |
| 405 | mbsline.lft | nm4 | KU | Kuwait |
| 406 | mbsline.lft | nm4 | KZ | Kazakhstan |
| 407 | mbsline.lft | nm4 | LA | Laos |
| 408 | mbsline.lft | nm4 | LE | Lebanon |
| 409 | mbsline.lft | nm4 | LG | Latvia |
| 410 | mbsline.lft | nm4 | LH | Lithuania |
| 411 | mbsline.lft | nm4 | LI | Liberia |
| 412 | mbsline.lft | nm4 | LO | Slovakia |
| 413 | mbsline.lft | nm4 | LQ | Palmyra Atoll |
| 414 | mbsline.lft | nm4 | LS | Liechtenstein |
| 415 | mbsline.lft | nm4 | LT | Lesotho |
| 416 | mbsline.lft | nm4 | LU | Luxembourg |
| 417 | mbsline.lft | nm4 | LY | Libya |
| 418 | mbsline.lft | nm4 | MA | Madagascar |
| 419 | mbsline.lft | nm4 | MB | Martinique |
| 420 | mbsline.lft | nm4 | MC | Macau |
| 421 | mbsline.lft | nm4 | MD | Moldova |
| 422 | mbsline.lft | nm4 | MF | Mayotte |
| 423 | mbsline.lft | nm4 | MG | Mongolia |
| 424 | mbsline.lft | nm4 | MH | Montserrat |
| 425 | mbsline.lft | nm4 | MI | Malawi |
| 426 | mbsline.lft | nm4 | MK | The Former Yugoslav Republic of Macedonia |
| 427 | mbsline.lft | nm4 | ML | Mali |
| 428 | mbsline.lft | nm4 | MN | Monaco |
| 429 | mbsline.lft | nm4 | MO | Morocco |
| 430 | mbsline.lft | nm4 | MP | Mauritius |
| 431 | mbsline.lft | nm4 | MQ | Midway Islands |
| 432 | mbsline.lft | nm4 | MR | Mauritania |
| 433 | mbsline.lft | nm4 | MT | Malta |

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TABLE B-24. Maritime Boundaries Supplemental Character Value Description Table (continued).

| | | | | |
|-----|-------------|-----|----|---------------------------|
| 434 | mbsline.lft | nm4 | MU | Oman |
| 435 | mbsline.lft | nm4 | MV | Maldives |
| 436 | mbsline.lft | nm4 | MW | Montenegro |
| 437 | mbsline.lft | nm4 | MX | Mexico |
| 438 | mbsline.lft | nm4 | MY | Malaysia |
| 439 | mbsline.lft | nm4 | MZ | Mozambique |
| 440 | mbsline.lft | nm4 | NC | New Caledonia |
| 441 | mbsline.lft | nm4 | NE | Niue |
| 442 | mbsline.lft | nm4 | NF | Norfolk Island |
| 443 | mbsline.lft | nm4 | NG | Niger |
| 444 | mbsline.lft | nm4 | NH | Vanuatu |
| 445 | mbsline.lft | nm4 | NI | Nigeria |
| 446 | mbsline.lft | nm4 | NL | Netherlands |
| 447 | mbsline.lft | nm4 | NO | Norway |
| 448 | mbsline.lft | nm4 | NP | Nepal |
| 449 | mbsline.lft | nm4 | NR | Nauru |
| 450 | mbsline.lft | nm4 | NS | Suriname |
| 451 | mbsline.lft | nm4 | NT | Netherlands Antilles |
| 452 | mbsline.lft | nm4 | NU | Nicaragua |
| 453 | mbsline.lft | nm4 | NZ | New Zealand |
| 454 | mbsline.lft | nm4 | OS | No Sovereignty |
| 455 | mbsline.lft | nm4 | PA | Paraguay |
| 456 | mbsline.lft | nm4 | PC | Pitcairn Islands |
| 457 | mbsline.lft | nm4 | PE | Peru |
| 458 | mbsline.lft | nm4 | PF | Paracel Islands |
| 459 | mbsline.lft | nm4 | PG | Spratly Islands |
| 460 | mbsline.lft | nm4 | PK | Pakistan |
| 461 | mbsline.lft | nm4 | PL | Poland |
| 462 | mbsline.lft | nm4 | PM | Panama |
| 463 | mbsline.lft | nm4 | PO | Portugal |
| 464 | mbsline.lft | nm4 | PP | Papua New Guinea |
| 465 | mbsline.lft | nm4 | PS | Palau |
| 466 | mbsline.lft | nm4 | PU | Guinea-Bissau |
| 467 | mbsline.lft | nm4 | QA | Qatar |
| 468 | mbsline.lft | nm4 | RE | Reunion |
| 469 | mbsline.lft | nm4 | RM | Marshall Islands |
| 470 | mbsline.lft | nm4 | RO | Romania |
| 471 | mbsline.lft | nm4 | RP | Philippines |
| 472 | mbsline.lft | nm4 | RQ | Puerto Rico |
| 473 | mbsline.lft | nm4 | RS | Russia |
| 474 | mbsline.lft | nm4 | RW | Rwanda |
| 475 | mbsline.lft | nm4 | SA | Saudi Arabia |
| 476 | mbsline.lft | nm4 | SB | Saint Pierre and Miquelon |
| 477 | mbsline.lft | nm4 | SC | Saint Kitts and Nevis |
| 478 | mbsline.lft | nm4 | SE | Seychelles |
| 479 | mbsline.lft | nm4 | SF | South Africa |
| 480 | mbsline.lft | nm4 | SG | Senegal |
| 481 | mbsline.lft | nm4 | SH | Saint Helena |
| 482 | mbsline.lft | nm4 | SI | Slovenia |
| 483 | mbsline.lft | nm4 | SL | Sierra Leone |

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TABLE B-24. Maritime Boundaries Supplemental Character Value Description Table (continued).

| | | | | |
|-----|-------------|-----|----|---|
| 484 | mbsline.lft | nm4 | SM | San Marino |
| 485 | mbsline.lft | nm4 | SN | Singapore |
| 486 | mbsline.lft | nm4 | SO | Somalia |
| 487 | mbsline.lft | nm4 | SP | Spain |
| 488 | mbsline.lft | nm4 | SR | Serbia |
| 489 | mbsline.lft | nm4 | ST | Saint Lucia |
| 490 | mbsline.lft | nm4 | SU | Sudan |
| 491 | mbsline.lft | nm4 | SV | Svalbard |
| 492 | mbsline.lft | nm4 | SW | Sweden |
| 493 | mbsline.lft | nm4 | SX | South Georgia and the South Sandwich Islands |
| 494 | mbsline.lft | nm4 | SY | Syria |
| 495 | mbsline.lft | nm4 | SZ | Switzerland |
| 496 | mbsline.lft | nm4 | TD | Trinidad and Tobago |
| 497 | mbsline.lft | nm4 | TE | Tromelin Island |
| 498 | mbsline.lft | nm4 | TH | Thailand |
| 499 | mbsline.lft | nm4 | TI | Tajikistan |
| 500 | mbsline.lft | nm4 | TK | Turks and Caicos Islands |
| 501 | mbsline.lft | nm4 | TL | Tokelau |
| 502 | mbsline.lft | nm4 | TN | Tonga |
| 503 | mbsline.lft | nm4 | TO | Togo |
| 504 | mbsline.lft | nm4 | TP | Sao Tome and Principe |
| 505 | mbsline.lft | nm4 | TS | Tunisia |
| 506 | mbsline.lft | nm4 | TU | Turkey |
| 507 | mbsline.lft | nm4 | TV | Tuvalu |
| 508 | mbsline.lft | nm4 | TW | Taiwan |
| 509 | mbsline.lft | nm4 | TX | Turkmenistan |
| 510 | mbsline.lft | nm4 | TZ | Tanzania |
| 511 | mbsline.lft | nm4 | UG | Uganda |
| 512 | mbsline.lft | nm4 | UK | United Kingdom |
| 513 | mbsline.lft | nm4 | UN | UN Control |
| 514 | mbsline.lft | nm4 | UP | Ukraine |
| 515 | mbsline.lft | nm4 | US | United States |
| 516 | mbsline.lft | nm4 | UV | Burkina Faso |
| 517 | mbsline.lft | nm4 | UY | Uruguay |
| 518 | mbsline.lft | nm4 | UZ | Uzbekistan |
| 519 | mbsline.lft | nm4 | VC | Saint Vincent and the Grenadines |
| 520 | mbsline.lft | nm4 | VE | Venezuela |
| 521 | mbsline.lft | nm4 | VI | British Virgin Islands |
| 522 | mbsline.lft | nm4 | VM | Vietnam |
| 523 | mbsline.lft | nm4 | VQ | Virgin Islands |
| 524 | mbsline.lft | nm4 | VT | Vatican City |
| 525 | mbsline.lft | nm4 | WA | Namibia |
| 526 | mbsline.lft | nm4 | WE | West Bank |
| 527 | mbsline.lft | nm4 | WF | Wallis and Futuna |
| 528 | mbsline.lft | nm4 | WI | Western Sahara |
| 529 | mbsline.lft | nm4 | WQ | Wake Island |
| 530 | mbsline.lft | nm4 | WS | Samoa |
| 531 | mbsline.lft | nm4 | WZ | Swaziland |
| 532 | mbsline.lft | nm4 | YM | Yemen |

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TABLE B-24. Maritime Boundaries Supplemental Character Value Description Table (continued).

| | | | | |
|-----|-------------|-----|----|----------|
| 533 | mbsline.lft | nm4 | YY | Other |
| 534 | mbsline.lft | nm4 | ZA | Zambia |
| 535 | mbsline.lft | nm4 | ZI | Zimbabwe |

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TABLE B-25. Maritime Boundaries Supplemental Integer Value Description Table .

Thematic Layer: Maritime Boundaries Supplemental
 Coverage Name: **mbs**
 Feature Table Description: Maritime Boundaries Supplemental Integer Value Description Table
 Table Name: **int.vdt**

| | | | | |
|---|-------------|-----|-----|---|
| {Header length and byte order}; Maritime Boundaries Supplemental Integer Value Description Table;-; id=I,1,P,Row id,-,-,-,; table=T,12,N,Name of the feature table,-,-,-,; attribute=T,16,N,Column name,-,-,-,; value=S,1,N,Unique value of attribute,-,-,-,; description=T,*,N,Description of attribute,-,-,-,;; | | | | |
| 1 | mbsline.lft | mbl | 7 | Territorial Waters Baseline |
| 2 | mbsline.lft | mbl | 9 | International Boundary (at sea) |
| 3 | mbsline.lft | mbl | 999 | Other (Territorial limit not recognized by United States) |

TABLE B-26. Maritime Boundaries Supplemental Line Feature Table .

Thematic Layer: Maritime Boundaries Supplemental
 Coverage Name: **mbs**
 Feature Table Description: Maritime Boundaries Supplemental Line Feature Table
 Table Name: **mbsline.lft**

| | | | | |
|--|--|--|--|--|
| {Header length and byte order}; Maritime Boundaries Supplemental Line Feature Table;-; id=I,1,P,Row id,-,-,-,; edg_id=I,1,N,Primitive id,-,edg_id.lti,-,; facc=T,5,N,FACC Feature Code,char.vdt,-,-,; mbl=S,1,N,Maritime Boundary Limit,int.vdt,mbl.lti,-,; nm3=T,2,N,Name 3,char.vdt,nm3.lti,-,; nm4=T,2,N,Name 4,char.vdt,nm4.lti,-,; tile_id=S,1,N,Tile id,-,tile_id.lti,-,;; | | | | |
|--|--|--|--|--|

| Column | Description | Value | Value Meaning | Applicable f_code for Attribute Value |
|-------------|-------------------------|------------|---|---------------------------------------|
| id | Row Identifier | Sequential | beginning with 1 | |
| facc | FACC Feature Code | FC021 | Maritime Limit Boundary | |
| mbl | Maritime Boundary Limit | 7 | Territorial Waters Baseline | FC021 |
| | | 9 | International Boundary (at sea) | FC021 |
| | | 999 | Other (Territorial limit not recognized by United States) | FC021 |

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TABLE B-26. Maritime Boundaries Supplemental Line Feature Table(continued).

| <u>Column</u> | <u>Description</u> | <u>Value</u> | <u>Value Meaning</u> | <u>Applicable f_code for Attribute Value</u> |
|---------------|---|--|----------------------|--|
| nm3 | Name 3 (name of the political entity on one side of a boundary) | 2-character country code (see char.vdt) | | FC021 |
| | | "/U" (No entry present) | | FC021 |
| nm4 | Name 4 (name of the political entity on the other side of a boundary) | 2-character country code (see char.vdt) | | FC021 |
| | | "/U" (No entry present) | | FC021 |

TABLE B-27. Maritime Boundaries Supplemental Notes Join Table .

Thematic Layer: Maritime Boundaries Supplemental
 Coverage Name: **mbs**
 Feature Table Description: Maritime Boundaries Supplemental Notes Join
 Table
 Table Name: **mbsline.njt**

```
{Header length and byte order};
Maritime Boundaries Supplemental Notes Join Table;-;
id=I,1,P,Row id,-,-,-,:
mbsline.lft_id=I,1,N,Foreign key to feature table,-,lft_id.nti,-,:
rat_id=S,1,N,Foreign key to notes related attribute table,-
,rat_id.nti,-,:;
```

TABLE B-28. Maritime Boundaries Supplemental Notes Related Attribute Table .

Thematic Layer: Maritime Boundaries Supplemental
 Coverage Name: **mbs**
 Feature Table Description: Maritime Boundaries Supplemental Notes
 Related Attribute Table
 Table Name: **notes.rat**

```
{Header length and byte order};
Maritime Boundaries Supplemental Notes Related Attribute Table;-;
id=I,1,P,Row id,-,-,-,:
text=T,*N,Feature specific notes,-,-,-:;
```

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TABLE B-29. Content and Format for Maritime Boundaries Supplemental Feature Class Schema Table.

Thematic Layer: Maritime Boundaries Supplemental
 Coverage Name: **mbs**
 Feature Table Description: Maritime Boundaries Supplemental Feature Class Schema Table
 Table Name: **fcs**

| | | | | | |
|--|---------|-------------|----------------|-------------|----------------|
| <pre>{Header length}L; Maritime Boundaries Supplemental Feature Class Schema Table;-; id=I,1,P,Row id,-,-,-,: feature_class=T,8,N,Name of feature class,-,-,-,: table1=T,12,N,The first table in a relationship,-,-,-,: table1_key=T,*N,Join column name in first table,-,-,-,: table2=T,12,N,The second table in a relationship,-,-,-,: table2_key=T,*N,Join column name in second table,-,-,-,;;</pre> | | | | | |
| 1 | mbsline | mbsline.lft | edg_id | edg | id |
| 2 | mbsline | edg | mbsline.lft_id | mbsline.lft | id |
| 3 | mbsline | mbsline.lft | id | mbsline.njt | mbsline.lft_id |
| 4 | mbsline | mbsline.njt | rat_id | notes.rat | id |
| 5 | mbsline | notes.rat | id | mbsline.njt | rat_id |
| 6 | mbsline | mbsline.njt | mbsline.lft_id | mbsline.lft | id |

B.3.6 Data Quality coverage. **This coverage exists only in the WVS250K library.** This coverage contains an area feature layer that identifies the adequacy of the horizontal accuracy for areas greater than or equal to .5 degree by .5 degree. This coverage is untiled.

TABLE B-30. Data Quality Character Value Description Table.

Thematic Layer: Data Quality
Coverage Name: **dqy**
Feature Table Description: Data Quality Character Value Description Table
Table Name: **char.vdt**

| | | | | |
|--|-------------|---------|---|------------|
| {Header length and byte order}; | | | | |
| Data Quality Character Value Description Table;-; | | | | |
| id=I,1,P,Row id,-,-,-,: | | | | |
| table=T,12,N,Name of the feature table,-,-,-,: | | | | |
| attribute=T,8,N,Column name,-,-,-,: | | | | |
| value=T,1,N,Unique value of attribute,-,-,-,: | | | | |
| description=T,10,N,Description of attribute,-,-,-,;: | | | | |
| 1 | dqyarea.aft | quality | A | Adequate |
| 2 | dqyarea.aft | quality | I | Inadequate |
| 3 | dqyarea.aft | quality | U | Unknown |

TABLE B-31. Data Quality Area Feature Table.

Thematic Layer: Data Quality
Coverage Name: **dqy**
Feature Table Description: Data Quality Area Feature Table
Table Name: **dqyarea.aft**

| | | | | |
|--|--|--|--|--|
| {Header length and byte order}; | | | | |
| Data Quality Area Feature Table;-; | | | | |
| id=I,1,P,Row id,-,-,-,: | | | | |
| fac_id=I,1,N,Primitive id,-,-,-,: | | | | |
| quality=T,1,N,Horizontal Accuracy Adequacy,char.vdt,-,-,-,;: | | | | |

| Column | Description | Value | Value Meaning | Applicable f_code for Attribute Value |
|----------------|------------------------------|------------|------------------|---------------------------------------|
| id | Row Identifier | Sequential | beginning with 1 | |
| quality | Horizontal Accuracy Adequacy | A | Adequate | |
| | | I | Inadequate | |
| | | U | Unknown | |

B.3.6.1 Data Quality area attribute. The **QUALITY Horizontal Accuracy Adequacy** field is populated with one of three values. A value of "A" is assigned to those areas where the horizontal accuracy is found to be adequate (i.e., within the specifications outlined in paragraph 3.2.1). A value of "I" is assigned to those areas where the horizontal accuracy is found to be inadequate (i.e., not within the specifications outlined in paragraph 3.2.1). A value of "U" shall be assigned to those area where the horizontal accuracy is unknown.

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TABLE B-32. Content and Format for Data Quality Feature Class Schema Table .

Thematic Layer: Data Quality
 Coverage Name: **dqy**
 Feature Table Description: Data Quality Feature Class Schema Table
 Table Name: **fcs**

| | | | | | |
|--|---------|-------------|----------------|-------------|----|
| <pre>{Header length}L; Data Quality Feature Class Schema Table;-; id=I,1,P,Row id,-,-,-,: feature_class=T,8,N,Name of feature class,-,-,-,: table1=T,12,N,The first table in a relationship,-,-,-,: table1_key=T,*N,Join column name in first table,-,-,-,: table2=T,12,N,The second table in a relationship,-,-,-,: table2_key=T,*N,Join column name in second table,-,-,-,;;</pre> | | | | | |
| 1 | dqyarea | dqyarea.aft | fac_id | fac | id |
| 2 | dqyarea | fac | dqyarea.aft_id | dqyarea.aft | id |

B.3.7 Names Placement coverage. This non-thematic coverage contains point features that represent the approximate centroid of each locality in the WVSPLUS database, attributed with the full Name of the locality, its sovereignty, and its minimum bounding rectangle (see section 3.8.3.5). This coverage is untiled.

TABLE B-33. Names Placement Coverage Listing of Attributes.

| attribute name | attribute |
|--------------------------|------------------|
| Country Code | country |
| Sovereignty | sovereignty |
| Minimum Longitude of MBR | mbr_min_lng |
| Minimum Latitude of MBR | mbr_min_lat |
| Maximum Longitude of MBR | mbr_max_lng |
| Maximum Latitude of MBR | mbr_max_lat |
| Centroid Longitude | cent_lng |
| Centroid Latitude | cent_lat |
| Item Type | type |
| Place Name | place_name |

TABLE B-34. Names Placement Character Value Description Table.

Thematic Layer: Names Placement
 Coverage Name: **gazette**
 Feature Table Description: Names Placement Character Value Description Table
 Table Name: **char.vdt**

| {Header length and byte order}; Names Placement Character Value Description Table;-; id=I,1,P,Row id,-,-,-,; table=T,12,N,Name of the feature table,-,-,-; attribute=T,16,N,Column name,-,-,-,; value=T,5,N,Unique value of attribute,-,-,-,; description=T,*,N,Description of attribute,-,-,-,;} | | | | |
|---|-------------|---------|----|-----------------------------|
| 1 | gazette.pft | country | AA | Aruba |
| 2 | gazette.pft | country | AC | Antigua and Barbuda |
| 3 | gazette.pft | country | AE | United Arab Emirates |
| 4 | gazette.pft | country | AF | Afghanistan |
| 5 | gazette.pft | country | AG | Algeria |
| 6 | gazette.pft | country | AJ | Azerbaijan |
| 7 | gazette.pft | country | AL | Albania |
| 8 | gazette.pft | country | AM | Armenia |
| 9 | gazette.pft | country | AN | Andorra |
| 10 | gazette.pft | country | AO | Angola |
| 11 | gazette.pft | country | AQ | American Samoa |
| 12 | gazette.pft | country | AR | Argentina |
| 13 | gazette.pft | country | AS | Australia |
| 14 | gazette.pft | country | AT | Ashmore and Cartier Islands |
| 15 | gazette.pft | country | AU | Austria |
| 16 | gazette.pft | country | AV | Anguilla |

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APPENDIX B

TABLE B-34. Names Placement Character Value Description Table (continued) .

| | | | | |
|----|-------------|---------|----|------------------------------------|
| 17 | gazette.pft | country | AY | Antarctica |
| 18 | gazette.pft | country | BA | Bahrain |
| 19 | gazette.pft | country | BB | Barbados |
| 20 | gazette.pft | country | BC | Botswana |
| 21 | gazette.pft | country | BD | Bermuda |
| 22 | gazette.pft | country | BE | Belgium |
| 23 | gazette.pft | country | BF | The Bahamas |
| 24 | gazette.pft | country | BG | Bangladesh |
| 25 | gazette.pft | country | BH | Belize |
| 26 | gazette.pft | country | BK | Bosnia and Herzegovina |
| 27 | gazette.pft | country | BL | Bolivia |
| 28 | gazette.pft | country | BM | Burma |
| 29 | gazette.pft | country | BN | Benin |
| 30 | gazette.pft | country | BO | Belarus |
| 31 | gazette.pft | country | BP | Solomon Islands |
| 32 | gazette.pft | country | BQ | Navassa Island |
| 33 | gazette.pft | country | BR | Brazil |
| 34 | gazette.pft | country | BS | Bassas Da India |
| 35 | gazette.pft | country | BT | Bhutan |
| 36 | gazette.pft | country | BU | Bulgaria |
| 37 | gazette.pft | country | BV | Bouvet Island |
| 38 | gazette.pft | country | BX | Brunei |
| 39 | gazette.pft | country | BY | Burundi |
| 40 | gazette.pft | country | CA | Canada |
| 41 | gazette.pft | country | CB | Cambodia |
| 42 | gazette.pft | country | CD | Chad |
| 43 | gazette.pft | country | CE | Sri Lanka |
| 44 | gazette.pft | country | CF | Congo |
| 45 | gazette.pft | country | CG | Congo (Democratic Republic of the) |
| 46 | gazette.pft | country | CH | China |
| 47 | gazette.pft | country | CI | Chile |
| 48 | gazette.pft | country | CJ | Cayman Islands |
| 49 | gazette.pft | country | CK | Cocos (Keeling) Islands |
| 50 | gazette.pft | country | CM | Cameroon |
| 51 | gazette.pft | country | CN | Comoros |
| 52 | gazette.pft | country | CO | Colombia |
| 53 | gazette.pft | country | CQ | Northern Mariana Islands |
| 54 | gazette.pft | country | CR | Coral Sea Islands |
| 55 | gazette.pft | country | CS | Costa Rica |
| 56 | gazette.pft | country | CT | Central African Republic |
| 57 | gazette.pft | country | CU | Cuba |
| 58 | gazette.pft | country | CV | Cape Verde |
| 59 | gazette.pft | country | CW | Cook Islands |
| 60 | gazette.pft | country | CY | Cyprus |
| 61 | gazette.pft | country | DA | Denmark |
| 62 | gazette.pft | country | DJ | Djibouti |
| 63 | gazette.pft | country | DO | Dominica |
| 64 | gazette.pft | country | DQ | Jarvis Island |
| 65 | gazette.pft | country | DR | Dominican Republic |
| 66 | gazette.pft | country | EC | Ecuador |
| 67 | gazette.pft | country | EG | Egypt |
| 68 | gazette.pft | country | EI | Ireland |

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APPENDIX B

TABLE B-34. Names Placement Character Value Description Table (continued) .

| | | | | |
|-----|-------------|---------|----|-------------------------------------|
| 69 | gazette.pft | country | EK | Equatorial Guinea |
| 70 | gazette.pft | country | EN | Estonia |
| 71 | gazette.pft | country | ER | Eritrea |
| 72 | gazette.pft | country | ES | El Salvador |
| 73 | gazette.pft | country | ET | Ethiopia |
| 74 | gazette.pft | country | EU | Europa Island |
| 75 | gazette.pft | country | EZ | Czech Republic |
| 76 | gazette.pft | country | FG | French Guiana |
| 77 | gazette.pft | country | FI | Finland |
| 78 | gazette.pft | country | FJ | Fiji |
| 79 | gazette.pft | country | FK | Falkland Islands (Islas Malvinas) |
| 80 | gazette.pft | country | FM | Federated States of Micronesia |
| 81 | gazette.pft | country | FO | Faroe Islands |
| 82 | gazette.pft | country | FP | French Polynesia |
| 83 | gazette.pft | country | FQ | Baker Island |
| 84 | gazette.pft | country | FR | France |
| 85 | gazette.pft | country | FS | French Southern and Antarctic Lands |
| 86 | gazette.pft | country | GA | The Gambia |
| 87 | gazette.pft | country | GB | Gabon |
| 88 | gazette.pft | country | GG | Georgia |
| 89 | gazette.pft | country | GH | Ghana |
| 90 | gazette.pft | country | GI | Gibraltar |
| 91 | gazette.pft | country | GJ | Grenada |
| 92 | gazette.pft | country | GK | Guernsey |
| 93 | gazette.pft | country | GL | Greenland |
| 94 | gazette.pft | country | GM | Germany |
| 95 | gazette.pft | country | GO | Glorioso Islands |
| 96 | gazette.pft | country | GP | Guadeloupe |
| 97 | gazette.pft | country | GQ | Guam |
| 98 | gazette.pft | country | GR | Greece |
| 99 | gazette.pft | country | GT | Guatemala |
| 100 | gazette.pft | country | GV | Guinea |
| 101 | gazette.pft | country | GY | Guyana |
| 102 | gazette.pft | country | GZ | Gaza Strip |
| 103 | gazette.pft | country | HA | Haiti |
| 104 | gazette.pft | country | HK | Hong Kong |
| 105 | gazette.pft | country | HM | Heard Island and McDonald Islands |
| 106 | gazette.pft | country | HO | Honduras |
| 107 | gazette.pft | country | HQ | Howland Island |
| 108 | gazette.pft | country | HR | Croatia |
| 109 | gazette.pft | country | HU | Hungary |
| 110 | gazette.pft | country | IC | Iceland |
| 111 | gazette.pft | country | ID | Indonesia |
| 112 | gazette.pft | country | IM | Isle of Man |
| 113 | gazette.pft | country | IN | India |
| 114 | gazette.pft | country | IO | British Indian Ocean Territory |
| 115 | gazette.pft | country | IP | Clipperton Island |

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APPENDIX B

TABLE B-34. Names Placement Character Value Description Table (continued) .

| | | | | |
|-----|-------------|---------|----|--|
| 116 | gazette.pft | country | IR | Iran |
| 117 | gazette.pft | country | IS | Israel |
| 118 | gazette.pft | country | IT | Italy |
| 119 | gazette.pft | country | IV | Cote D'Ivoire |
| 120 | gazette.pft | country | IZ | Iraq |
| 111 | gazette.pft | country | JA | Japan |
| 122 | gazette.pft | country | JE | Jersey |
| 123 | gazette.pft | country | JM | Jamaica |
| 124 | gazette.pft | country | JN | Jan Mayen |
| 125 | gazette.pft | country | JO | Jordan |
| 126 | gazette.pft | country | JQ | Johnston Atoll |
| 127 | gazette.pft | country | JU | Juan De Nova Island |
| 128 | gazette.pft | country | KE | Kenya |
| 129 | gazette.pft | country | KG | Kyrgyzstan |
| 130 | gazette.pft | country | KN | North Korea |
| 131 | gazette.pft | country | KQ | Kingman Reef |
| 132 | gazette.pft | country | KR | Kiribati |
| 133 | gazette.pft | country | KS | South Korea |
| 134 | gazette.pft | country | KT | Christmas Island |
| 135 | gazette.pft | country | KU | Kuwait |
| 136 | gazette.pft | country | KZ | Kazakhstan |
| 137 | gazette.pft | country | LA | Laos |
| 138 | gazette.pft | country | LE | Lebanon |
| 139 | gazette.pft | country | LG | Latvia |
| 140 | gazette.pft | country | LH | Lithuania |
| 131 | gazette.pft | country | LI | Liberia |
| 142 | gazette.pft | country | LO | Slovakia |
| 143 | gazette.pft | country | LQ | Palmyra Atoll |
| 144 | gazette.pft | country | LS | Liechtenstein |
| 145 | gazette.pft | country | LT | Lesotho |
| 146 | gazette.pft | country | LU | Luxembourg |
| 147 | gazette.pft | country | LY | Libya |
| 148 | gazette.pft | country | MA | Madagascar |
| 149 | gazette.pft | country | MB | Martinique |
| 150 | gazette.pft | country | MC | Macau |
| 151 | gazette.pft | country | MD | Moldova |
| 152 | gazette.pft | country | MF | Mayotte |
| 153 | gazette.pft | country | MG | Mongolia |
| 154 | gazette.pft | country | MH | Montserrat |
| 155 | gazette.pft | country | MI | Malawi |
| 156 | gazette.pft | country | MK | The Former Yugoslav Republic of Macedonia |
| 157 | gazette.pft | country | ML | Mali |
| 158 | gazette.pft | country | MN | Monaco |
| 159 | gazette.pft | country | MO | Morocco |
| 160 | gazette.pft | country | MP | Mauritius |
| 161 | gazette.pft | country | MQ | Midway Islands |
| 162 | gazette.pft | country | MR | Mauritania |
| 163 | gazette.pft | country | MT | Malta |
| 164 | gazette.pft | country | MU | Oman |
| 165 | gazette.pft | country | MV | Maldives |
| 166 | gazette.pft | country | MW | Montenegro |

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APPENDIX B

TABLE B-34. Names Placement Character Value Description Table (continued) .

| | | | | |
|-----|-------------|---------|----|---------------------------|
| 167 | gazette.pft | country | MX | Mexico |
| 168 | gazette.pft | country | MY | Malaysia |
| 169 | gazette.pft | country | MZ | Mozambique |
| 170 | gazette.pft | country | NC | New Caledonia |
| 171 | gazette.pft | country | NE | Niue |
| 172 | gazette.pft | country | NF | Norfolk Island |
| 173 | gazette.pft | country | NG | Niger |
| 174 | gazette.pft | country | NH | Vanuatu |
| 175 | gazette.pft | country | NI | Nigeria |
| 176 | gazette.pft | country | NL | Netherlands |
| 177 | gazette.pft | country | NO | Norway |
| 178 | gazette.pft | country | NP | Nepal |
| 179 | gazette.pft | country | NR | Nauru |
| 180 | gazette.pft | country | NS | Suriname |
| 181 | gazette.pft | country | NT | Netherlands Antilles |
| 182 | gazette.pft | country | NU | Nicaragua |
| 183 | gazette.pft | country | NZ | New Zealand |
| 184 | gazette.pft | country | OS | No Sovereignty |
| 185 | gazette.pft | country | PA | Paraguay |
| 186 | gazette.pft | country | PC | Pitcairn Islands |
| 187 | gazette.pft | country | PE | Peru |
| 188 | gazette.pft | country | PF | Paracel Islands |
| 189 | gazette.pft | country | PG | Spratly Islands |
| 190 | gazette.pft | country | PK | Pakistan |
| 191 | gazette.pft | country | PL | Poland |
| 192 | gazette.pft | country | PM | Panama |
| 193 | gazette.pft | country | PO | Portugal |
| 194 | gazette.pft | country | PP | Papua New Guinea |
| 195 | gazette.pft | country | PS | Palau |
| 196 | gazette.pft | country | PU | Guinea-Bissau |
| 197 | gazette.pft | country | QA | Qatar |
| 198 | gazette.pft | country | RE | Reunion |
| 199 | gazette.pft | country | RM | Marshall Islands |
| 200 | gazette.pft | country | RO | Romania |
| 201 | gazette.pft | country | RP | Philippines |
| 202 | gazette.pft | country | RQ | Puerto Rico |
| 203 | gazette.pft | country | RS | Russia |
| 204 | gazette.pft | country | RW | Rwanda |
| 205 | gazette.pft | country | SA | Saudi Arabia |
| 206 | gazette.pft | country | SB | Saint Pierre and Miquelon |
| 207 | gazette.pft | country | SC | Saint Kitts and Nevis |
| 208 | gazette.pft | country | SE | Seychelles |
| 209 | gazette.pft | country | SF | South Africa |
| 210 | gazette.pft | country | SG | Senegal |
| 211 | gazette.pft | country | SH | Saint Helena |
| 212 | gazette.pft | country | SI | Slovenia |
| 213 | gazette.pft | country | SL | Sierra Leone |
| 214 | gazette.pft | country | SM | San Marino |
| 215 | gazette.pft | country | SN | Singapore |
| 216 | gazette.pft | country | SO | Somalia |
| 217 | gazette.pft | country | SP | Spain |
| 218 | gazette.pft | country | SR | Serbia |

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APPENDIX B

TABLE B-34. Names Placement Character Value Description Table (continued) .

| | | | | |
|-----|-------------|-------------|----|--|
| 219 | gazette.pft | country | ST | Saint Lucia |
| 220 | gazette.pft | country | SU | Sudan |
| 221 | gazette.pft | country | SV | Svalbard |
| 222 | gazette.pft | country | SW | Sweden |
| 223 | gazette.pft | country | SX | South Georgia and the South Sandwich Islands |
| 224 | gazette.pft | country | SY | Syria |
| 225 | gazette.pft | country | SZ | Switzerland |
| 226 | gazette.pft | country | TD | Trinidad and Tobago |
| 227 | gazette.pft | country | TE | Tromelin Island |
| 228 | gazette.pft | country | TH | Thailand |
| 229 | gazette.pft | country | TI | Tajikistan |
| 230 | gazette.pft | country | TK | Turks and Caicos Islands |
| 231 | gazette.pft | country | TL | Tokelau |
| 232 | gazette.pft | country | TN | Tonga |
| 233 | gazette.pft | country | TO | Togo |
| 234 | gazette.pft | country | TP | Sao Tome and Principe |
| 235 | gazette.pft | country | TS | Tunisia |
| 236 | gazette.pft | country | TU | Turkey |
| 237 | gazette.pft | country | TV | Tuvalu |
| 238 | gazette.pft | country | TW | Taiwan |
| 239 | gazette.pft | country | TX | Turkmenistan |
| 240 | gazette.pft | country | TZ | Tanzania |
| 241 | gazette.pft | country | UG | Uganda |
| 242 | gazette.pft | country | UK | United Kingdom |
| 243 | gazette.pft | country | UN | UN Control |
| 244 | gazette.pft | country | UP | Ukraine |
| 245 | gazette.pft | country | US | United States |
| 246 | gazette.pft | country | UV | Burkina Faso |
| 247 | gazette.pft | country | UY | Uruguay |
| 248 | gazette.pft | country | UZ | Uzbekistan |
| 249 | gazette.pft | country | VC | Saint Vincent and the Grenadines |
| 250 | gazette.pft | country | VE | Venezuela |
| 251 | gazette.pft | country | VI | British Virgin Islands |
| 252 | gazette.pft | country | VM | Vietnam |
| 253 | gazette.pft | country | VQ | Virgin Islands |
| 254 | gazette.pft | country | VT | Vatican City |
| 255 | gazette.pft | country | WA | Namibia |
| 256 | gazette.pft | country | WE | West Bank |
| 257 | gazette.pft | country | WF | Wallis and Futuna |
| 258 | gazette.pft | country | WI | Western Sahara |
| 259 | gazette.pft | country | WQ | Wake Island |
| 260 | gazette.pft | country | WS | Samoa |
| 261 | gazette.pft | country | WZ | Swaziland |
| 262 | gazette.pft | country | YM | Yemen |
| 263 | gazette.pft | country | YY | Other |
| 264 | gazette.pft | country | ZA | Zambia |
| 265 | gazette.pft | country | ZI | Zimbabwe |
| 266 | gazette.pft | sovereignty | AA | Aruba |
| 267 | gazette.pft | sovereignty | AC | Antigua and Barbuda |
| 268 | gazette.pft | sovereignty | AE | United Arab Emirates |

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TABLE B-34. Names Placement Character Value Description Table (continued) .

| | | | | |
|-----|-------------|-------------|----|------------------------------------|
| 269 | gazette.pft | sovereignty | AF | Afghanistan |
| 270 | gazette.pft | sovereignty | AG | Algeria |
| 271 | gazette.pft | sovereignty | AJ | Azerbaijan |
| 272 | gazette.pft | sovereignty | AL | Albania |
| 273 | gazette.pft | sovereignty | AM | Armenia |
| 274 | gazette.pft | sovereignty | AN | Andorra |
| 275 | gazette.pft | sovereignty | AO | Angola |
| 276 | gazette.pft | sovereignty | AQ | American Samoa |
| 277 | gazette.pft | sovereignty | AR | Argentina |
| 278 | gazette.pft | sovereignty | AS | Australia |
| 279 | gazette.pft | sovereignty | AT | Ashmore and Cartier Islands |
| 280 | gazette.pft | sovereignty | AU | Austria |
| 281 | gazette.pft | sovereignty | AV | Anguilla |
| 282 | gazette.pft | sovereignty | AY | Antarctica |
| 283 | gazette.pft | sovereignty | BA | Bahrain |
| 284 | gazette.pft | sovereignty | BB | Barbados |
| 285 | gazette.pft | sovereignty | BC | Botswana |
| 286 | gazette.pft | sovereignty | BD | Bermuda |
| 287 | gazette.pft | sovereignty | BE | Belgium |
| 288 | gazette.pft | sovereignty | BF | The Bahamas |
| 289 | gazette.pft | sovereignty | BG | Bangladesh |
| 290 | gazette.pft | sovereignty | BH | Belize |
| 291 | gazette.pft | sovereignty | BK | Bosnia and Herzegovina |
| 292 | gazette.pft | sovereignty | BL | Bolivia |
| 293 | gazette.pft | sovereignty | BM | Burma |
| 294 | gazette.pft | sovereignty | BN | Benin |
| 295 | gazette.pft | sovereignty | BO | Belarus |
| 296 | gazette.pft | sovereignty | BP | Solomon Islands |
| 297 | gazette.pft | sovereignty | BQ | Navassa Island |
| 298 | gazette.pft | sovereignty | BR | Brazil |
| 299 | gazette.pft | sovereignty | BS | Bassas Da India |
| 300 | gazette.pft | sovereignty | BT | Bhutan |
| 301 | gazette.pft | sovereignty | BU | Bulgaria |
| 302 | gazette.pft | sovereignty | BV | Bouvet Island |
| 303 | gazette.pft | sovereignty | BX | Brunei |
| 304 | gazette.pft | sovereignty | BY | Burundi |
| 305 | gazette.pft | sovereignty | CA | Canada |
| 306 | gazette.pft | sovereignty | CB | Cambodia |
| 307 | gazette.pft | sovereignty | CD | Chad |
| 308 | gazette.pft | sovereignty | CE | Sri Lanka |
| 309 | gazette.pft | sovereignty | CF | Congo |
| 310 | gazette.pft | sovereignty | CG | Congo (Democratic Republic of the) |
| 311 | gazette.pft | sovereignty | CH | China |
| 312 | gazette.pft | sovereignty | CI | Chile |
| 313 | gazette.pft | sovereignty | CJ | Cayman Islands |
| 314 | gazette.pft | sovereignty | CK | Cocos (Keeling) Islands |
| 315 | gazette.pft | sovereignty | CM | Cameroon |
| 316 | gazette.pft | sovereignty | CN | Comoros |
| 317 | gazette.pft | sovereignty | CO | Colombia |
| 318 | gazette.pft | sovereignty | CQ | Northern Mariana Islands |
| 319 | gazette.pft | sovereignty | CR | Coral Sea Islands |

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TABLE B-34. Names Placement Character Value Description Table (continued).

| | | | | |
|-----|-------------|-------------|----|-------------------------------------|
| 320 | gazette.pft | sovereignty | CS | Costa Rica |
| 321 | gazette.pft | sovereignty | CT | Central African Republic |
| 322 | gazette.pft | sovereignty | CU | Cuba |
| 323 | gazette.pft | sovereignty | CV | Cape Verde |
| 324 | gazette.pft | sovereignty | CW | Cook Islands |
| 325 | gazette.pft | sovereignty | CY | Cyprus |
| 326 | gazette.pft | sovereignty | DA | Denmark |
| 327 | gazette.pft | sovereignty | DJ | Djibouti |
| 328 | gazette.pft | sovereignty | DO | Dominica |
| 329 | gazette.pft | sovereignty | DQ | Jarvis Island |
| 330 | gazette.pft | sovereignty | DR | Dominican Republic |
| 331 | gazette.pft | sovereignty | EC | Ecuador |
| 332 | gazette.pft | sovereignty | EG | Egypt |
| 333 | gazette.pft | sovereignty | EI | Ireland |
| 334 | gazette.pft | sovereignty | EK | Equatorial Guinea |
| 335 | gazette.pft | sovereignty | EN | Estonia |
| 336 | gazette.pft | sovereignty | ER | Eritrea |
| 337 | gazette.pft | sovereignty | ES | El Salvador |
| 338 | gazette.pft | sovereignty | ET | Ethiopia |
| 339 | gazette.pft | sovereignty | EU | Europa Island |
| 340 | gazette.pft | sovereignty | EZ | Czech Republic |
| 341 | gazette.pft | sovereignty | FG | French Guiana |
| 342 | gazette.pft | sovereignty | FI | Finland |
| 343 | gazette.pft | sovereignty | FJ | Fiji |
| 344 | gazette.pft | sovereignty | FK | Falkland Islands (Islas Malvinas) |
| 345 | gazette.pft | sovereignty | FM | Federated States of Micronesia |
| 346 | gazette.pft | sovereignty | FO | Faroe Islands |
| 347 | gazette.pft | sovereignty | FP | French Polynesia |
| 348 | gazette.pft | sovereignty | FQ | Baker Island |
| 349 | gazette.pft | sovereignty | FR | France |
| 350 | gazette.pft | sovereignty | FS | French Southern and Antarctic Lands |
| 351 | gazette.pft | sovereignty | GA | The Gambia |
| 352 | gazette.pft | sovereignty | GB | Gabon |
| 353 | gazette.pft | sovereignty | GG | Georgia |
| 354 | gazette.pft | sovereignty | GH | Ghana |
| 355 | gazette.pft | sovereignty | GI | Gibraltar |
| 356 | gazette.pft | sovereignty | GJ | Grenada |
| 357 | gazette.pft | sovereignty | GK | Guernsey |
| 358 | gazette.pft | sovereignty | GL | Greenland |
| 359 | gazette.pft | sovereignty | GM | Germany |
| 360 | gazette.pft | sovereignty | GO | Glorioso Islands |
| 361 | gazette.pft | sovereignty | GP | Guadeloupe |
| 362 | gazette.pft | sovereignty | GQ | Guam |
| 363 | gazette.pft | sovereignty | GR | Greece |
| 364 | gazette.pft | sovereignty | GT | Guatemala |
| 365 | gazette.pft | sovereignty | GV | Guinea |
| 366 | gazette.pft | sovereignty | GY | Guyana |
| 367 | gazette.pft | sovereignty | GZ | Gaza Strip |
| 368 | gazette.pft | sovereignty | HA | Haiti |

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APPENDIX B

TABLE B-34. Names Placement Character Value Description Table (continued) .

| | | | | |
|-----|-------------|-------------|----|-----------------------------------|
| 369 | gazette.pft | sovereignty | HK | Hong Kong |
| 370 | gazette.pft | sovereignty | HM | Heard Island and McDonald Islands |
| 371 | gazette.pft | sovereignty | HO | Honduras |
| 372 | gazette.pft | sovereignty | HQ | Howland Island |
| 373 | gazette.pft | sovereignty | HR | Croatia |
| 374 | gazette.pft | sovereignty | HU | Hungary |
| 375 | gazette.pft | sovereignty | IC | Iceland |
| 376 | gazette.pft | sovereignty | ID | Indonesia |
| 377 | gazette.pft | sovereignty | IM | Isle of Man |
| 378 | gazette.pft | sovereignty | IN | India |
| 379 | gazette.pft | sovereignty | IO | British Indian Ocean Territory |
| 380 | gazette.pft | sovereignty | IP | Clipperton Island |
| 381 | gazette.pft | sovereignty | IR | Iran |
| 382 | gazette.pft | sovereignty | IS | Israel |
| 383 | gazette.pft | sovereignty | IT | Italy |
| 384 | gazette.pft | sovereignty | IV | Cote D'Ivoire |
| 385 | gazette.pft | sovereignty | IZ | Iraq |
| 386 | gazette.pft | sovereignty | JA | Japan |
| 387 | gazette.pft | sovereignty | JE | Jersey |
| 388 | gazette.pft | sovereignty | JM | Jamaica |
| 389 | gazette.pft | sovereignty | JN | Jan Mayen |
| 390 | gazette.pft | sovereignty | JO | Jordan |
| 391 | gazette.pft | sovereignty | JQ | Johnston Atoll |
| 392 | gazette.pft | sovereignty | JU | Juan De Nova Island |
| 393 | gazette.pft | sovereignty | KE | Kenya |
| 394 | gazette.pft | sovereignty | KG | Kyrgyzstan |
| 395 | gazette.pft | sovereignty | KN | North Korea |
| 396 | gazette.pft | sovereignty | KQ | Kingman Reef |
| 397 | gazette.pft | sovereignty | KR | Kiribati |
| 398 | gazette.pft | sovereignty | KS | South Korea |
| 399 | gazette.pft | sovereignty | KT | Christmas Island |
| 400 | gazette.pft | sovereignty | KU | Kuwait |
| 401 | gazette.pft | sovereignty | KZ | Kazakhstan |
| 402 | gazette.pft | sovereignty | LA | Laos |
| 403 | gazette.pft | sovereignty | LE | Lebanon |
| 404 | gazette.pft | sovereignty | LG | Latvia |
| 405 | gazette.pft | sovereignty | LH | Lithuania |
| 406 | gazette.pft | sovereignty | LI | Liberia |
| 407 | gazette.pft | sovereignty | LO | Slovakia |
| 408 | gazette.pft | sovereignty | LQ | Palmyra Atoll |
| 409 | gazette.pft | sovereignty | LS | Liechtenstein |
| 410 | gazette.pft | sovereignty | LT | Lesotho |
| 411 | gazette.pft | sovereignty | LU | Luxembourg |
| 412 | gazette.pft | sovereignty | LY | Libya |
| 413 | gazette.pft | sovereignty | MA | Madagascar |
| 414 | gazette.pft | sovereignty | MB | Martinique |
| 415 | gazette.pft | sovereignty | MC | Macau |
| 416 | gazette.pft | sovereignty | MD | Moldova |
| 417 | gazette.pft | sovereignty | MF | Mayotte |

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TABLE B-34. Names Placement Character Value Description Table (continued) .

| | | | | |
|-----|-------------|-------------|----|--|
| 418 | gazette.pft | sovereignty | MG | Mongolia |
| 419 | gazette.pft | sovereignty | MH | Montserrat |
| 420 | gazette.pft | sovereignty | MI | Malawi |
| 421 | gazette.pft | sovereignty | MK | The Former Yugoslav Republic of Macedonia |
| 422 | gazette.pft | sovereignty | ML | Mali |
| 423 | gazette.pft | sovereignty | MN | Monaco |
| 424 | gazette.pft | sovereignty | MO | Morocco |
| 425 | gazette.pft | sovereignty | MP | Mauritius |
| 426 | gazette.pft | sovereignty | MQ | Midway Islands |
| 427 | gazette.pft | sovereignty | MR | Mauritania |
| 428 | gazette.pft | sovereignty | MT | Malta |
| 429 | gazette.pft | sovereignty | MU | Oman |
| 430 | gazette.pft | sovereignty | MV | Maldives |
| 431 | gazette.pft | sovereignty | MW | Montenegro |
| 432 | gazette.pft | sovereignty | MX | Mexico |
| 433 | gazette.pft | sovereignty | MY | Malaysia |
| 434 | gazette.pft | sovereignty | MZ | Mozambique |
| 435 | gazette.pft | sovereignty | NC | New Caledonia |
| 436 | gazette.pft | sovereignty | NE | Niue |
| 437 | gazette.pft | sovereignty | NF | Norfolk Island |
| 438 | gazette.pft | sovereignty | NG | Niger |
| 439 | gazette.pft | sovereignty | NH | Vanuatu |
| 440 | gazette.pft | sovereignty | NI | Nigeria |
| 441 | gazette.pft | sovereignty | NL | Netherlands |
| 442 | gazette.pft | sovereignty | NO | Norway |
| 443 | gazette.pft | sovereignty | NP | Nepal |
| 444 | gazette.pft | sovereignty | NR | Nauru |
| 445 | gazette.pft | sovereignty | NS | Suriname |
| 446 | gazette.pft | sovereignty | NT | Netherlands Antilles |
| 447 | gazette.pft | sovereignty | NU | Nicaragua |
| 448 | gazette.pft | sovereignty | NZ | New Zealand |
| 449 | gazette.pft | sovereignty | OS | No Sovereignty |
| 450 | gazette.pft | sovereignty | PA | Paraguay |
| 451 | gazette.pft | sovereignty | PC | Pitcairn Islands |
| 452 | gazette.pft | sovereignty | PE | Peru |
| 453 | gazette.pft | sovereignty | PF | Paracel Islands |
| 454 | gazette.pft | sovereignty | PG | Spratly Islands |
| 455 | gazette.pft | sovereignty | PK | Pakistan |
| 456 | gazette.pft | sovereignty | PL | Poland |
| 457 | gazette.pft | sovereignty | PM | Panama |
| 458 | gazette.pft | sovereignty | PO | Portugal |
| 459 | gazette.pft | sovereignty | PP | Papua New Guinea |
| 460 | gazette.pft | sovereignty | PS | Palau |
| 461 | gazette.pft | sovereignty | PU | Guinea-Bissau |
| 462 | gazette.pft | sovereignty | QA | Qatar |
| 463 | gazette.pft | sovereignty | RE | Reunion |
| 464 | gazette.pft | sovereignty | RM | Marshall Islands |
| 465 | gazette.pft | sovereignty | RO | Romania |
| 466 | gazette.pft | sovereignty | RP | Philippines |
| 467 | gazette.pft | sovereignty | RQ | Puerto Rico |
| 468 | gazette.pft | sovereignty | RS | Russia |

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TABLE B-34. Names Placement Character Value Description Table (continued) .

| | | | | |
|-----|-------------|-------------|----|--|
| 469 | gazette.pft | sovereignty | RW | Rwanda |
| 470 | gazette.pft | sovereignty | SA | Saudi Arabia |
| 471 | gazette.pft | sovereignty | SB | Saint Pierre and Miquelon |
| 472 | gazette.pft | sovereignty | SC | Saint Kitts and Nevis |
| 473 | gazette.pft | sovereignty | SE | Seychelles |
| 474 | gazette.pft | sovereignty | SF | South Africa |
| 475 | gazette.pft | sovereignty | SG | Senegal |
| 476 | gazette.pft | sovereignty | SH | Saint Helena |
| 477 | gazette.pft | sovereignty | SI | Slovenia |
| 478 | gazette.pft | sovereignty | SL | Sierra Leone |
| 479 | gazette.pft | sovereignty | SM | San Marino |
| 480 | gazette.pft | sovereignty | SN | Singapore |
| 481 | gazette.pft | sovereignty | SO | Somalia |
| 482 | gazette.pft | sovereignty | SP | Spain |
| 483 | gazette.pft | sovereignty | SR | Serbia |
| 484 | gazette.pft | sovereignty | ST | Saint Lucia |
| 485 | gazette.pft | sovereignty | SU | Sudan |
| 486 | gazette.pft | sovereignty | SV | Svalbard |
| 487 | gazette.pft | sovereignty | SW | Sweden |
| 488 | gazette.pft | sovereignty | SX | South Georgia and the South Sandwich Islands |
| 489 | gazette.pft | sovereignty | SY | Syria |
| 490 | gazette.pft | sovereignty | SZ | Switzerland |
| 491 | gazette.pft | sovereignty | TD | Trinidad and Tobago |
| 492 | gazette.pft | sovereignty | TE | Tromelin Island |
| 493 | gazette.pft | sovereignty | TH | Thailand |
| 494 | gazette.pft | sovereignty | TI | Tajikistan |
| 495 | gazette.pft | sovereignty | TK | Turks and Caicos Islands |
| 496 | gazette.pft | sovereignty | TL | Tokelau |
| 497 | gazette.pft | sovereignty | TN | Tonga |
| 498 | gazette.pft | sovereignty | TO | Togo |
| 499 | gazette.pft | sovereignty | TP | Sao Tome and Principe |
| 500 | gazette.pft | sovereignty | TS | Tunisia |
| 501 | gazette.pft | sovereignty | TU | Turkey |
| 502 | gazette.pft | sovereignty | TV | Tuvalu |
| 503 | gazette.pft | sovereignty | TW | Taiwan |
| 504 | gazette.pft | sovereignty | TX | Turkmenistan |
| 505 | gazette.pft | sovereignty | TZ | Tanzania |
| 506 | gazette.pft | sovereignty | UG | Uganda |
| 507 | gazette.pft | sovereignty | UK | United Kingdom |
| 508 | gazette.pft | sovereignty | UN | UN Control |
| 509 | gazette.pft | sovereignty | UP | Ukraine |
| 510 | gazette.pft | sovereignty | US | United States |
| 511 | gazette.pft | sovereignty | UV | Burkina Faso |
| 512 | gazette.pft | sovereignty | UY | Uruguay |
| 513 | gazette.pft | sovereignty | UZ | Uzbekistan |
| 514 | gazette.pft | sovereignty | VC | Saint Vincent and the Grenadines |
| 515 | gazette.pft | sovereignty | VE | Venezuela |
| 516 | gazette.pft | sovereignty | VI | British Virgin Islands |
| 517 | gazette.pft | sovereignty | VM | Vietnam |
| 518 | gazette.pft | sovereignty | VQ | Virgin Islands |

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TABLE B-34. Names Placement Character Value Description Table (continued) .

| | | | | |
|-----|-------------|-------------|----|-------------------|
| 519 | gazette.pft | sovereignty | VT | Vatican City |
| 520 | gazette.pft | sovereignty | WA | Namibia |
| 521 | gazette.pft | sovereignty | WE | West Bank |
| 522 | gazette.pft | sovereignty | WF | Wallis and Futuna |
| 523 | gazette.pft | sovereignty | WI | Western Sahara |
| 524 | gazette.pft | sovereignty | WQ | Wake Island |
| 525 | gazette.pft | sovereignty | WS | Samoa |
| 526 | gazette.pft | sovereignty | WZ | Swaziland |
| 527 | gazette.pft | sovereignty | YM | Yemen |
| 528 | gazette.pft | sovereignty | YY | Other |
| 529 | gazette.pft | sovereignty | ZA | Zambia |
| 530 | gazette.pft | sovereignty | ZI | Zimbabwe |

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TABLE B-35. Names Placement Point Feature Table.

Thematic Layer: Names Placement
 Coverage Name: **gazette**
 Feature Table Description: Names Placement Point Feature Table
 Table Name: **gazette.pft**

```
{Header length and byte order};
Names Placement Point Feature Table;-;
id=I,1,P,Row id,-,-,-,:
end_id=I,1,N,Primitive id,-,end_id.pti,-,:
country=T,2,N,WVS Country Code,char.vdt,country.pti,-,:
sovereignty=T,2,N,WVS Sovereignty Code,char.vdt,sov.pti,-,:
mbr_min_lng=F,1,N,Country MBR X MIN,-,-,-,:
mbr_min_lat=F,1,N,Country MBR Y MIN,-,-,-,:
mbr_max_lng=F,1,N,Country MBR X MAX,-,-,-,:
mbr_max_lat=F,1,N,Country MBR Y MAX,-,-,-,:
cent_lng=F,1,N,Country Centroid LONGITUDE,-,-,-,:
cent_lat=F,1,N,Country Centroid LATITUDE,-,-,-,:
type=T,15,N,Country Name Item Type,-,-:
place_name=T,*N,Text Description,-,-,-,;;
```

TABLE B-36. Content and Format for Names Placement Feature Class Schema Table.

Thematic Layer: Names Placement
 Coverage Name: **gazette**
 Feature Table Description: Names Placement Feature Class Schema Table
 Table Name: **fcs**

```
{Header length}L;
Names Placement Feature Class Schema Table;-;
id=I,1,P,Row id,-,-,-,:
feature_class=T,8,N,Name of feature class,-,-,-,:
table1=T,12,N,The first table in a relationship,-,-,-,:
table1_key=T,*N,Join column name in first table,-,-,-,:
table2=T,12,N,The second table in a relationship,-,-,-,:
table2_key=T,*N,Join column name in second table,-,-,-,;;
```

| | | | | | |
|---|---------|-------------|--------|-------------|----|
| 1 | gazette | gazette.pft | end_id | end | id |
| 2 | gazette | end | id | gazette.pft | id |

B.3.8 Tile Reference coverage. This coverage contains an area feature layer that identifies the tiles used to subdivide the library (see section 3.8.3.d). This coverage is untiled.

TABLE B-37. Tile Reference area feature table (tileref.aft).

```
{Header length and byte order};
Tile Reference Area Feature Table;-;
id=I,1,P,Row id,-,-,-,:
fac_id=I,1,N,Primitive id,-,fac_id.ati,-,:
tile_name=T,6,N,Tile Name,-,tile_nam.ati,-,;;
```

TABLE B-38. Content and Format for Tile Reference Feature Class Schema Table.

Thematic Layer: Tile Reference
 Coverage Name: **tileref**
 Feature Table Description: Tile Reference Feature Class Schema Table
 Table Name: **fcs**

```
{Header length}L;
Tile Reference Feature Class Schema Table;-;
id=I,1,P,Row id,-,-,-,:
feature_class=T,8,N,Name of feature class,-,-,-,:
table1=T,12,N,The first table in a relationship,-,-,-,:
table1_key=T,*N,Join column name in first table,-,-,-,:
table2=T,12,N,The second table in a relationship,-,-,-,:
table2_key=T,*N,Join column name in second table,-,-,-,;;
```

| | | | | | |
|---|---------|-------------|----------------|-------------|----|
| 1 | tileref | tileref.aft | fac_id | fac | id |
| 2 | tileref | fac | tileref.aft_id | tileref.aft | id |

B.3.9 Library Reference coverage. This coverage contains a generalized line map over the extent of the library for use in determining a reference position (see section 3.8.3.4). This coverage is untiled.

TABLE B-39. Library Reference line feature table (libref.lft).

```
{Header length and byte order};
Library Reference Line Feature Table;-;
id=I,1,P,Row id,-,-,-,:
edg_id=I,1,N,Primitive id,-,-,-,;
```

TABLE B-40. Content and Format for Library Reference Feature Class Schema Table.

Thematic Layer: Library Reference
 Coverage Name: **libref**
 Feature Table Description: Library Reference Feature Class Schema Table
 Table Name: **fcs**

```
{Header length}L;
Library Reference Feature Class Schema Table;-;
id=I,1,P,Row id,-,-,-,:
feature_class=T,8,N,Name of feature class,-,-,-,:
table1=T,12,N,The first table in a relationship,-,-,-,:
table1_key=T,*,N,Join column name in first table,-,-,-,:
table2=T,12,N,The second table in a relationship,-,-,-,:
table2_key=T,*,N,Join column name in second table,-,-,-,;
```

| | | | | | |
|---|--------|------------|--------|------------|----|
| 1 | libref | libref.lft | edg_id | edg | id |
| 2 | libref | edg | id | libref.lft | id |

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WVSPLUS FEATURES

C.1 SCOPE

This appendix contains the valid FACC features, attributes, and primitive types for the data coverages in the WVSPLUS libraries. This appendix also defines the FACC features and attributes used by this product. Definition of FACC features are in accordance with the Digital Geographic Information Exchange Standard (DIGEST) Part 4, Feature and Attribute Coding Catalogue (FACC). It is a mandatory part of this Specification. The information contained herein is intended for compliance.

C.2 APPLICABLE DOCUMENTS

Digital Geographic Information Exchange Standard (DIGEST) Part 4, Feature and Attribute Coding Catalogue (FACC)

C.3 WVSPLUS FEATURES

Table C-1 contains the valid FACC codes and primitive types for data in the WVSPLUS thematic coverages.

TABLE C-1. WVSPLUS List of Features.

| feature name | FACC code | coverage | edg | fac | txt |
|------------------------------|-----------|----------|-----|-----|-----|
| Administrative Area | FA001 | coc | | x | |
| | | mab | | x | |
| Administrative Boundary | FA000 | coc | x | | |
| | | mab | x | | |
| Armistice Line | FA020 | coc | x | | |
| | | mab | x | | |
| Artifact Location | ZD003 | bat | x | | |
| | | coc | x | | |
| | | mab | x | | |
| Cease-Fire Line | FA030 | coc | x | | |
| | | mab | x | | |
| Claim Line | FA040 | coc | x | | |
| | | mab | x | | |
| Coastline/Shoreline | BA010 | coc | x | | |
| Defacto Boundary | FA060 | coc | x | | |
| | | mab | x | | |
| Demilitarized Zone | FA070 | coc | x | | |
| | | mab | x | | |
| Depth Area | BE019 | bat | | x | |
| Depth Contour | BE015 | bat | x | | |
| Mandate Line/Convention Line | FA050 | coc | x | | |
| | | mab | x | | |
| Maritime Limit Boundary | FC021 | mab | x | | |
| | | mbs | x | | |
| Named Location | ZD040 | coc | | | x |
| | | mab | | | x |
| Water (Except Inland) | BA040 | coc | | x | |

C.3.1 WVSPLUS FACC feature definitions

BA010 Coastline/Shoreline The line where a land mass is in contact with a body of water.

BA040 Water (Except Inland) An area of water which normally has tidal fluctuations.

BE015 Depth Contour A line connecting points of equal depth at and below the hydrographic datum.

BE019 Depth Area Water area containing soundings within a defined range of values permanently at or below sounding datum.

FA000 Administrative Boundary A line of demarcation between controlled areas.

FA001 Administrative Area An area controlled by administrative authority.

FA020 Armistice Line A line established by opposing political groups as a result of cessation of hostilities.

FA030 Cease-Fire Line A line along which active hostilities are suspended.

FA040 Claim Line A limit of an area which is unilaterally claimed by one political group without consent or negotiation with another.

FA050 Mandate Line/Convention Line A line established to regulate matters between nations or groups over a specific area or territory.

FA060 Defacto Boundary An existing line of separation not officially recognized by various governments.

FA070 Demilitarized Zone An area where military activity is prohibited.

FC021 Maritime Limit Boundary A line where on either side certain activities or factors of significance to navigation and/or operation apply.

ZD003 Artifact Location An indicator which identifies incomplete or illogical data at a specific location (node), used for data processing.
(This specification uses Artifact Location as an indicator which identifies edges inserted to close faces at the library boundaries (i.e. 180 8 long). No attributes.)

ZD040 Named Location A geographic place on the earth, not normally appearing as a feature on a map, but having a name that is required to be placed on a map.

C.3.2 WVSPLUS attribute definitions

ACC Accuracy Category Accuracy of the geographic position.

BST Boundary Status Type Identifies the status of a boundary.

BST = 1 DEFINITE: An established and accepted boundary between two states for which sufficient evidence exists for its portrayal.

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BST = 2 INDEFINITE: A boundary that is undertermined or vague and cannot be plotted precisely. Although not actually disputed, no approval or specific boundary exists.

BST = 3 IN DISPUTE: A boundary in which involved countries are actively seeking an alteration in the status quo for the boundary.

BST = 4 NO DEFINED BOUNDARY: A division between two countries where no defined boundaries exists.

CENT_LAT Centroid Latitude Latitude of the centroid of the locality.

CENT_LNG Centroid Longitude Longitude of the centroid of the locality.

COUNTRY Country Code Two letter country code.

CRV Depth Curve or Contour Value A specified value assigned to a particular depth curve or contour.

CVH Depth Curve or Contour Value High The maximum value of a depth curve polygon.

CVL Depth Curve or Contour Value Low The minimum value of a depth curve polygon.

MBL Maritime Boundary Limit A line where on either side certain activities or factors of significance to navigation or operations apply.

MBR_MIN_LAT Minium Latitude of MBR The south bounding parallel of the locality's minimum bounding rectangle.

MBR_MIN_LNG Minium Longitude of MBR The west bounding meridian of the locality's minimum bounding rectangle.

MBR_MAX_LAT Maxium Latitude of MBR The north bounding parallel of the locality's minimum bounding rectangle.

MBR_MAX_LNG Maxium Longitude of MBR The east bounding meridian of the locality's minimum bounding rectangle.

NAM Name Any identifier or code.

NM3 Name 3 Name of the political entity on one side of a boundary.

NM4 Name 4 Name of the political entity on the other side of a boundary.

PLACE_NAME Place Name The common name of the locality.

SOVEREIGNTY Sovereignty Two letter code for country that retains sovereignty over the locality.

TYPE Item Type The locality type.

USE Usage Identifies the primary user, function, or controlling, authority.

WVSPLUS FEATURE AND ATTRIBUTE REQUIREMENTS

D.1 SCOPE

This appendix provides information about the BA010 (Coastline/Shoreline) feature. Listed are the FACC features that may be delineated as a Coastline/Shoreline if appropriate inclusion conditions are satisfied. The inclusion conditions for said features are described in this appendix. Definition of FACC features are in accordance with the Digital Geographic Information Exchange Standard (DIGEST) Part 4, Feature and Attribute Coding Catalogue (FACC). It is a mandatory part of this Specification. The information contained herein is intended for compliance.

D.2 APPLICABLE DOCUMENTS

Digital Geographic Information Exchange Standard (DIGEST) Part 4, Feature and Attribute Coding Catalogue (FACC)

D.3 WVSPLUS FEATURE AND ATTRIBUTE REQUIREMENTS

TABLE D-1. FACC Features Depicted as Coastal Shoreline.

| FACC | Description |
|-------|-------------------|
| BB040 | Breakwater/Groyne |
| BB140 | Jetty |
| BB190 | Pier/Wharf/Quay |
| BB230 | Seawall |
| BH020 | Canal |
| BH080 | Lake/Pond |
| BH140 | River/Stream |
| BJ030 | Glacier |

D.3.1 COASTAL SHORELINE CRITERIA

The following features are treated as coastal shoreline (BA010) if the cited conditions exist.

BB040 Breakwater A structure which protects a harbor or beach from forces of the sea.

Breakwaters are included if they extend above high water and have a width greater than 70 meters.

BB140 Jetty A man-made barrier built out into, or in the water primary to restrain or direct currents and waves.

Jettys are included if they extend above high water and have a width greater than 70 meters.

BB190 Pier/Wharf/Quay A structure primarily used as a berthing places for vessels.

Piers are included if the width is greater than 70 meters. Wharves and Quays are included to connect segments of coastal shoreline.

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BB230 Seawall A structure built to protect the shore from erosion.

Seawalls are included if they connect segments of coastal shoreline.

BH020 Canal A man-made or improved natural waterway used for transportation.

Canals with a width of greater than 70 meters are shown for a distance of 1852 meters (1 nautical mile) inland from the canal entrance.

BH080 Lake/Pond A body of water surrounded by land.

Lakes are included if they are located less than 1852 meters (1 nautical mile) from the coastal shoreline and they are connected to the sea by a canal or river that has a width greater than 70 meters.

BH140 River/Stream A natural flowing watercourse.

Rivers with a width of greater than 70 meters are shown for a distance of 1852 meters(1 nautical mile) inland from the river mouth.

BJ030 Glacier A large mass of snow and ice moving slowly down a slope or valley from above the snowline.

The seaward edge of the glacier is treated as coastal shoreline.

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MIL-PRF-0089012A(NIMA)

CONCLUDING MATERIAL

Preparing Activity:
NIMA-MP

(Project MCGT-0262)

