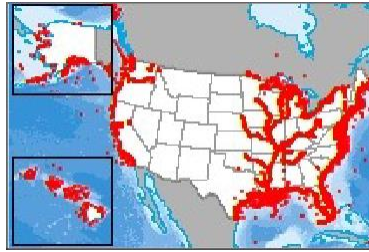


Navigation Aid - Marine



Tags

aids to navigation, buoy, beacon, USCG light list, light house, transportation, National, oceans, United States

Summary

This dataset represents structures intended to assist a navigator to determine position or safe course, or to warn of dangers or obstructions to navigation. This dataset includes lights, signals, buoys, day beacons, and other aids to navigation.

Description

Structures intended to assist a navigator to determine position or safe course, or to warn of dangers or obstructions to navigation. This dataset includes lights, signals, buoys, day beacons, and other aids to navigation. These data are not to be used for navigation.

Credits

There are no credits for this item.

Use limitations

These data are intended for coastal and ocean use planning. Not for navigation.

Extent

West -179.012352 **East** -64.451414

North 82.355844 **South** 8.730423

Scale Range

Maximum (zoomed in) 1:5,000

Minimum (zoomed out) 1:150,000,000

ArcGIS Metadata

Topics and Keywords

THEMES OR CATEGORIES OF THE RESOURCE oceans, transportation

* CONTENT TYPE Downloadable Data

PLACE KEYWORDS National, United States

THEME KEYWORDS transportation, oceans

THESAURUS

TITLE ISO 19115 Topic Category

THEME KEYWORDS aids to navigation, buoy, beacon, USCG light list, light house

Citation

TITLE Navigation Aid - Marine

PUBLICATION DATE 2017-08-24

PRESENTATION FORMATS * digital map

Citation Contacts

RESPONSIBLE PARTY

ORGANIZATION'S NAME United States Coast Guard

CONTACT'S ROLE originator

RESPONSIBLE PARTY

ORGANIZATION'S NAME NOAA's Ocean Service, Coastal Services Center (CSC)

CONTACT'S ROLE publisher

CONTACT INFORMATION ►

ADDRESS

DELIVERY POINT Charleston, SC

RESPONSIBLE PARTY

ORGANIZATION'S NAME Department of Commerce (DOC), National Oceanic and Atmospheric Administration (NOAA), National Ocean Service (NOS), Coastal Services Center (CSC)

CONTACT'S ROLE originator

Resource Details

DATASET LANGUAGES English (UNITED STATES)

STATUS completed

SPATIAL REPRESENTATION TYPE vector

* PROCESSING ENVIRONMENT Version 6.2 (Build 9200) ; Esri ArcGIS 10.6.1.9270

ARCGIS ITEM PROPERTIES

* NAME marine_navigation_aid_v4

* ACCESS PROTOCOL Local Area Network

Extents

EXTENT

DESCRIPTION

publication date

TEMPORAL EXTENT

DATE AND TIME 2017-08-24

EXTENT

GEOGRAPHIC EXTENT

BOUNDING RECTANGLE

WEST LONGITUDE -179.01822

EAST LONGITUDE -64.45142

SOUTH LATITUDE 8.73042

NORTH LATITUDE 70.49583

EXTENT

GEOGRAPHIC EXTENT

BOUNDING RECTANGLE

EXTENT TYPE Extent used for searching

* WEST LONGITUDE -179.012352

* EAST LONGITUDE -64.451414

* NORTH LATITUDE 82.355844

* SOUTH LATITUDE 8.730423

* EXTENT CONTAINS THE RESOURCE Yes

EXTENT IN THE ITEM'S COORDINATE SYSTEM

* WEST LONGITUDE -19927563.830500

* EAST LONGITUDE -7174698.634100

* SOUTH LATITUDE 975649.020200

* NORTH LATITUDE 17258906.454900

* EXTENT CONTAINS THE RESOURCE Yes

Resource Points of Contact

POINT OF CONTACT

INDIVIDUAL'S NAME MarineCadastre.gov Data Steward

ORGANIZATION'S NAME NOAA Coastal Services Center

CONTACT'S POSITION MarineCadastre.gov Data Steward

CONTACT'S ROLE point of contact

CONTACT INFORMATION

PHONE

VOICE 843.740.1202

ADDRESS

TYPE both

DELIVERY POINT 2234 S Hobson Ave

CITY Charleston
ADMINISTRATIVE AREA SC
POSTAL CODE 29405
E-MAIL ADDRESS csc.info@noaa.gov

Resource Maintenance

RESOURCE MAINTENANCE

UPDATE FREQUENCY as needed

Resource Constraints

LEGAL CONSTRAINTS

LIMITATIONS OF USE

NOAA makes no warranties or representations whatsoever regarding the availability, quality, accuracy, content, completeness or suitability for the user's needs of such information. The services, information, and data made available on the MarineCadastre.gov web site are provided 'as is' without warranties of any kind. These data are intended for coastal and ocean use planning. Not for navigation.

CONSTRAINTS

LIMITATIONS OF USE

These data are intended for coastal and ocean use planning. Not for navigation.

Spatial Reference

ARCGIS COORDINATE SYSTEM

- * TYPE Projected
- * GEOGRAPHIC COORDINATE REFERENCE GCS_WGS_1984
- * PROJECTION WGS_1984_Web_Mercator_Auxiliary_Sphere
- * COORDINATE REFERENCE DETAILS

PROJECTED COORDINATE SYSTEM

WELL-KNOWN IDENTIFIER 102100

X ORIGIN -21940362.558060005

Y ORIGIN -30241100

XY SCALE 144381166.92744523

Z ORIGIN -100000

Z SCALE 10000

M ORIGIN -100000

M SCALE 10000

XY TOLERANCE 0.001

Z TOLERANCE 0.001

M TOLERANCE 0.001

HIGH PRECISION true

LATEST WELL-KNOWN IDENTIFIER 3857

WELL-KNOWN TEXT PROJCS["WGS_1984_Web_Mercator_Auxiliary_Sphere",GEOGCS

["GCS_WGS_1984",DATUM["D_WGS_1984",SPHEROID["WGS_1984",6378137.0,298.257223563]],PRIMEM

["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],PROJECTION

["Mercator_Auxiliary_Sphere"],PARAMETER["False_Easting",0.0],PARAMETER

["False_Northing",0.0],PARAMETER["Central_Meridian",0.0],PARAMETER

["Standard_Parallel_1",0.0],PARAMETER["Auxiliary_Sphere_Type",0.0],UNIT["Meter",1.0],AUTHORITY

["EPSG",3857]]

REFERENCE SYSTEM IDENTIFIER

- * VALUE 3857
- * CODESPACE EPSG
- * VERSION 8.8(9.3.1.2)

Spatial Data Properties

VECTOR

- * LEVEL OF TOPOLOGY FOR THIS DATASET geometry only

GEOMETRIC OBJECTS

FEATURE CLASS NAME marine_navigation_aid_v4

* OBJECT TYPE point

* OBJECT COUNT 53771

ARCGIS FEATURE CLASS PROPERTIES

FEATURE CLASS NAME marine_navigation_aid_v4

* FEATURE TYPE Simple

* GEOMETRY TYPE Point

* HAS TOPOLOGY FALSE

* FEATURE COUNT 53771

* SPATIAL INDEX TRUE

* LINEAR REFERENCING FALSE

Data Quality

SCOPE OF QUALITY INFORMATION ►

RESOURCE LEVEL **dataset**

DATA QUALITY REPORT - TOPOLOGICAL CONSISTENCY

EVALUATION METHOD

These data are believed to be logically consistent. Geometry is topologically clean.

DATA QUALITY REPORT - CONCEPTUAL CONSISTENCY

MEASURE DESCRIPTION

These data are believed to be logically consistent. Geometry is topologically clean.

DATA QUALITY REPORT - COMPLETENESS OMISSION

MEASURE DESCRIPTION

Spatial and attribute properties are believed to be complete, although attribute information has been simplified. Geometric thresholds from original data are preserved. No tests have been completed for exhaustiveness.

DATA QUALITY REPORT - QUANTITATIVE ATTRIBUTE ACCURACY

MEASURE DESCRIPTION

The attributes in this dataset are believed to be accurate.

DATA QUALITY REPORT - ABSOLUTE EXTERNAL POSITIONAL ACCURACY

DIMENSION horizontal

MEASURE DESCRIPTION

Maximum scale of intended use is 1:80,000.

Fields

DETAILS FOR OBJECT **marine_navigation_aid_v4**

* TYPE **Feature Class**

* ROW COUNT **53771**

DEFINITION

Navigational aids, buoys, beacons and stations used by mariners.

DEFINITION SOURCE

NOAA Coastal Services Center

FIELD **OBJECTID_1**

* ALIAS **OBJECTID_1**

* DATA TYPE **OID**

* WIDTH **4**

* PRECISION **0**

* SCALE **0**

* FIELD DESCRIPTION

Internal feature number.

* DESCRIPTION SOURCE

Esri

* DESCRIPTION OF VALUES

Sequential unique whole numbers that are automatically generated.

FIELD **OBJECTID**

* ALIAS **OBJECTID**

* DATA TYPE **Integer**

* WIDTH **4**

* PRECISION **0**

* SCALE **0**

FIELD DESCRIPTION

Internal feature number

DESCRIPTION SOURCE

ESRI

DESCRIPTION OF VALUES

Sequential unique whole numbers that are automatically generated.

FIELD **district**

- * ALIAS **district**
- * DATA TYPE **String**
- * WIDTH **80**
- * PRECISION **0**
- * SCALE **0**

FIELD DESCRIPTION

USCG district the AToN is associated with

DESCRIPTION SOURCE

NOAA Coastal Services Center

DESCRIPTION OF VALUES

Coordinates defining the features.

FIELD **Shape**

- * ALIAS **Shape**
- * DATA TYPE **Geometry**
- * WIDTH **0**
- * PRECISION **0**
- * SCALE **0**

FIELD DESCRIPTION

Feature geometry.

DESCRIPTION SOURCE

Esri

DESCRIPTION OF VALUES

Coordinates defining the features.

FIELD **characteri**

- * ALIAS **characteri**
- * DATA TYPE **String**
- * WIDTH **80**
- * PRECISION **0**
- * SCALE **0**

FIELD **height**

- * ALIAS **height**
- * DATA TYPE **String**
- * WIDTH **80**
- * PRECISION **0**
- * SCALE **0**

FIELD **range**

- * ALIAS **range**
- * DATA TYPE **Integer**
- * WIDTH **4**
- * PRECISION **0**
- * SCALE **0**

FIELD **remarks**

- * ALIAS **remarks**
- * DATA TYPE **String**
- * WIDTH **206**
- * PRECISION **0**
- * SCALE **0**

FIELD DESCRIPTION

Additional remarks pertaining to the appearance, behavior, or use of the navigational aid

DESCRIPTION SOURCE

NOAA Coastal Services Center

DESCRIPTION OF VALUES

Values unique per feature

FIELD **mile**

- * ALIAS **mile**
- * DATA TYPE **String**
- * WIDTH **80**
- * PRECISION **0**
- * SCALE **0**

FIELD bank

- * ALIAS bank
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

FIELD name

- * ALIAS name
- * DATA TYPE String
- * WIDTH 116
- * PRECISION 0
- * SCALE 0

FIELD type

- * ALIAS type
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

FIELD time

- * ALIAS time
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

FIELD location

- * ALIAS location
- * DATA TYPE String
- * WIDTH 103
- * PRECISION 0
- * SCALE 0

FIELD structure

- * ALIAS structure
- * DATA TYPE String
- * WIDTH 133
- * PRECISION 0
- * SCALE 0

FIELD lightListN

- * ALIAS lightListN
- * DATA TYPE Double
- * WIDTH 8
- * PRECISION 0
- * SCALE 0

FIELD morse

- * ALIAS morse
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

FIELD xReference

- * ALIAS xReference
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

FIELD down

- * ALIAS down
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

FIELD up

- * ALIAS up
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

Metadata Details

METADATA LANGUAGE English (UNITED STATES)

METADATA CHARACTER SET utf8 - 8 bit UCS Transfer Format

SCOPE OF THE DATA DESCRIBED BY THE METADATA dataset

SCOPE NAME * dataset

* LAST UPDATE 2019-01-22

ARCGIS METADATA PROPERTIES

METADATA FORMAT ArcGIS 1.0

METADATA STYLE FGDC CSDGM Metadata

STANDARD OR PROFILE USED TO EDIT METADATA FGDC

CREATED IN ARCGIS FOR THE ITEM 2019-01-22

LAST MODIFIED IN ARCGIS FOR THE ITEM 2019-01-22

AUTOMATIC UPDATES

HAVE BEEN PERFORMED Yes

LAST UPDATE 2019-01-22