

# BOEM Marine Hydrokinetic Planning Areas



## Tags

Hydrokinetic, Marine, Planning Areas, BOEM

## Summary

This data set represents the most recent changes for the Marine Hydrokinetic (MHK Development Planning Areas.)

## Description

To provide spatial information on Proposed Marine Hydrokinetic Energy Planning and Development including the most recent updates to areas of interest for MHK Energy Development off the United States Coast within Federal Waters.

## Credits

Bureau of Ocean Energy Management

## Use limitations

There are no access and use limitations for this item.

## Extent

**West** -124.270112    **East** -124.148111  
**North** 44.600214    **South** 44.512682

## Scale Range

**Maximum (zoomed in)** 1:5,000  
**Minimum (zoomed out)** 1:150,000,000

## ArcGIS Metadata

### Topics and Keywords

\* CONTENT TYPE    Downloadable    Data

### Citation

TITLE    BOEM Marine Hydrokinetic Planning Areas  
PRESENTATION FORMATS    \* digital map

### Citation Contacts

RESPONSIBLE PARTY  
ORGANIZATION'S NAME    Bureau of Ocean Energy Management  
CONTACT'S ROLE    originator

### Resource Details

DATASET LANGUAGES    \* English (UNITED STATES)  
SPATIAL REPRESENTATION TYPE    \* vector  
\* PROCESSING ENVIRONMENT    Microsoft Windows 7 Version 6.1 (Build 7601) Service Pack 1; Esri ArcGIS 10.3.0.4322  
CREDITS  
Bureau of Ocean Energy Management

## ARCGIS ITEM PROPERTIES

\* NAME boem\_mhk\_planning\_area

## Extents

### EXTENT

#### GEOGRAPHIC EXTENT

##### BOUNDING RECTANGLE

EXTENT TYPE Extent used for searching

\* WEST LONGITUDE -124.270112

\* EAST LONGITUDE -124.148111

\* NORTH LATITUDE 44.600214

\* SOUTH LATITUDE 44.512682

\* EXTENT CONTAINS THE RESOURCE Yes

### EXTENT IN THE ITEM'S COORDINATE SYSTEM

\* WEST LONGITUDE -13833685.567700

\* EAST LONGITUDE -13820104.514500

\* SOUTH LATITUDE 5545126.688000

\* NORTH LATITUDE 5558801.353500

\* EXTENT CONTAINS THE RESOURCE Yes

## 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 -22041545.367140558

Y ORIGIN -33272760.666300893

XY SCALE 135368852.55357128

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 8.2.6

## Spatial Data Properties

### VECTOR

\* LEVEL OF TOPOLOGY FOR THIS DATASET geometry only

#### GEOMETRIC OBJECTS

FEATURE CLASS NAME boem\_mhk\_planning\_area

\* OBJECT TYPE composite

\* OBJECT COUNT 29

### ARCGIS FEATURE CLASS PROPERTIES

FEATURE CLASS NAME boem\_mhk\_planning\_area

\* FEATURE TYPE Simple

\* GEOMETRY TYPE Polygon

\* HAS TOPOLOGY FALSE

\* FEATURE COUNT 29

\* SPATIAL INDEX TRUE

\* LINEAR REFERENCING FALSE

## Distribution

DISTRIBUTION FORMAT

\* NAME File Geodatabase Feature Class

## Fields

DETAILS FOR OBJECT boem\_mhk\_planning\_area

\* TYPE Feature Class

\* ROW COUNT 29

### FIELD OBJECTID

\* ALIAS OBJECTID

\* 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 INFO

\* ALIAS INFO

\* DATA TYPE String

\* WIDTH 250

\* PRECISION 0

\* SCALE 0

\* FIELD DESCRIPTION

The category of the area being publicized and the state it is closest to

\* DESCRIPTION SOURCE

BOEM Office of Renewable Energy

### FIELD PROT\_NUMBE

\* ALIAS PROT\_NUMBE

\* DATA TYPE String

\* WIDTH 10

\* PRECISION 0

\* SCALE 0

\* FIELD DESCRIPTION

Official Protraction Diagram (BOEM) in which an OCS block is related.

\* DESCRIPTION SOURCE

BOEM MBB

### FIELD PROT\_APRV\_

\* ALIAS PROT\_APRV\_

\* DATA TYPE String

\* WIDTH 50

\* PRECISION 0

\* SCALE 0

\* FIELD DESCRIPTION

Date that the Official Protraction Diagram was Approved for Publication by the Chief of the Leasing Division's Mapping and Boundary Branch

\* DESCRIPTION SOURCE

BOEM MBB

### FIELD BLOCK\_NUMB

\* ALIAS BLOCK\_NUMB

\* DATA TYPE String

\* WIDTH 10

\* PRECISION 0

\* SCALE 0

\* FIELD DESCRIPTION

The Outer Continental Shelf (OCS) Block number related to a particular Official Protraction Diagram (ex. NJ18-08, 6784) where 6784 is the block number) Those blocks split into 16ths do not have a number in this field. Use the "BLOCK\_LAB" field for block numbers on 1/16 blocks.

\* DESCRIPTION SOURCE

BOEM MBB

#### FIELD SUB\_BLK

- \* ALIAS SUB\_BLK
- \* DATA TYPE String
- \* WIDTH 5
- \* PRECISION 0
- \* SCALE 0

#### FIELD DESCRIPTION

A letter designation for 1/16th of an OCS Block.

#### DESCRIPTION SOURCE

BOEM ORE/MBB

#### 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 SHAPE\_Length

- \* ALIAS SHAPE\_Length
- \* DATA TYPE Double
- \* WIDTH 8
- \* PRECISION 0
- \* SCALE 0
- \* FIELD DESCRIPTION

Length of feature in internal units.

#### \* DESCRIPTION SOURCE

Esri

#### \* DESCRIPTION OF VALUES

Positive real numbers that are automatically generated.

#### FIELD SHAPE\_Area

- \* ALIAS SHAPE\_Area
- \* DATA TYPE Double
- \* WIDTH 8
- \* PRECISION 0
- \* SCALE 0
- \* FIELD DESCRIPTION

Area of feature in internal units squared.

#### \* DESCRIPTION SOURCE

Esri

#### \* DESCRIPTION OF VALUES

Positive real numbers that are automatically generated.

## 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 2016-12-15
- 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 2016-12-14 12:25:07
  - LAST MODIFIED IN ARCGIS FOR THE ITEM 2016-12-15 14:33:32
  - AUTOMATIC UPDATES
    - HAVE BEEN PERFORMED Yes
    - LAST UPDATE 2016-12-15 14:19:32