

# Stellwagen Shipwreck Sites

## Identification ►

### CITATION

#### CITATION INFORMATION

ORIGINATOR NOAA Fisheries Greater Atlantic Regional Fisheries Office

PUBLICATION DATE 2019-03-20

#### TITLE

Stellwagen Shipwreck Sites

#### PUBLICATION INFORMATION

PUBLICATION PLACE Gloucester, MA

PUBLISHER NOAA National Marine Fisheries Service (NMFS) - Greater Atlantic Regional Fisheries

ONLINE LINKAGE <https://stellwagen.noaa.gov/maritime/>

ONLINE LINKAGE <http://www.greateratlantic.fisheries.noaa.gov/gis>

### DESCRIPTION

#### ABSTRACT

This layer locates waters within 360 ft of known shipwreck sites in the Stellwagen Bank National Marine Sanctuary. Scallopers are asked to keep gear at least 360 feet away from each shipwreck. The layer also includes a "general area" that contains the shipwreck sites.

#### PURPOSE

In preparation for the Northern Gulf of Maine (NGOM) scallop fishery, NOAA Fisheries, in conjunction with NOAA Stellwagen Bank National Marine Sanctuary (Sanctuary), requests that scallopers avoid shipwreck sites in the Sanctuary by keeping gear 360 feet away from each of the site locations.

NOAA recognizes that fishermen want to avoid shipwrecks to ensure the safety of the crew and because of the risks of damaging their gear when the gear gets hung up on a wreck or other object on the ocean floor. Hanging up on a wreck also causes serious damage to shipwrecks that are important to our history. During the 2017 Northern Gulf of Maine (NGOM) scallop season, the wreck of a modern fishing vessel that was an important dive site suffered significant damage. That wreck was in close proximity to historic shipwrecks and the damage occurred in a location that experienced heavy scallop fishing. Historic shipwrecks are protected under the National Historic Preservation Act and the National Marine Sanctuaries Act and associated Federal regulations.

A 360ft avoidance buffer is recommended by the Sanctuary to ensure protection of the resource.

#### TIME PERIOD OF CONTENT

#### TIME PERIOD INFORMATION

#### SINGLE DATE/TIME

CALENDAR DATE 2019-03-20

#### CURRENTNESS REFERENCE

Publication date

#### STATUS

PROGRESS In work

MAINTENANCE AND UPDATE FREQUENCY asNeeded

#### SPATIAL DOMAIN

#### BOUNDING COORDINATES

WEST BOUNDING COORDINATE -71

EAST BOUNDING COORDINATE -70

NORTH BOUNDING COORDINATE 43

SOUTH BOUNDING COORDINATE 42

#### KEYWORDS

#### THEME

THEME KEYWORD THESAURUS ISO 19115 Topic Category

THEME KEYWORD boundaries

THEME KEYWORD location

THEME KEYWORD oceans

THEME KEYWORD planningCadastre

#### PLACE

PLACE KEYWORD THESAURUS None

PLACE KEYWORD Massachusetts

#### ACCESS CONSTRAINTS

None

#### USE CONSTRAINTS

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#### POINT OF CONTACT

##### CONTACT INFORMATION

##### CONTACT PERSON PRIMARY

CONTACT PERSON Ben Haskell

CONTACT ORGANIZATION Stellwagen Bank National Marine Sanctuary

CONTACT POSITION Deputy Superintendent

##### CONTACT ADDRESS

ADDRESS TYPE mailing and physical address

ADDRESS 175 Edward Foster Road

CITY Scituate

STATE OR PROVINCE MA

POSTAL CODE 02066

CONTACT VOICE TELEPHONE 781-545-8026 x207

CONTACT ELECTRONIC MAIL ADDRESS ben.haskell@noaa.gov

#### CONTACT INSTRUCTIONS

<https://stellwagen.noaa.gov/maritime/>

#### SECURITY INFORMATION

SECURITY CLASSIFICATION SYSTEM <http://project-open-data.github.io/schema/#accessLevel>

SECURITY CLASSIFICATION public

SECURITY HANDLING DESCRIPTION Standard Technical Controls

## Data Quality ►

#### LOGICAL CONSISTENCY REPORT

No tests were performed.

#### COMPLETENESS REPORT

Features represented have not been tested for completeness

#### POSITIONAL ACCURACY

##### HORIZONTAL POSITIONAL ACCURACY

##### HORIZONTAL POSITIONAL ACCURACY REPORT

Unknown

#### LINEAGE

##### SOURCE INFORMATION

##### SOURCE CITATION

##### CITATION INFORMATION

ORIGINATOR NOAA Fisheries, Greater Atlantic Regional Fisheries Office

PUBLICATION DATE 2018-03-26

TITLE

Historic Shipwreck Avoidance on Stellwagen Bank

EDITION March 26, 2018

GEOSPATIAL DATA PRESENTATION FORM document

PUBLICATION INFORMATION

PUBLICATION PLACE Gloucester, MA

PUBLISHER NOAA Fisheries, Greater Atlantic Regional Fisheries Office

OTHER CITATION DETAILS

Permit Holder Letter (PHL) contains lat/lon coordinates of known shipwreck sites within Stellwagen Bank National Marine Sanctuary. Site locations were published by the Sanctuary based on side scan sonar surveys.

ONLINE LINKAGE <https://stellwagen.noaa.gov/maritime/>

TYPE OF SOURCE MEDIA chart

SOURCE TIME PERIOD OF CONTENT

TIME PERIOD INFORMATION

SINGLE DATE/TIME

CALENDAR DATE 2018-03-26

SOURCE CURRENTNESS REFERENCE

publication date

SOURCE CITATION ABBREVIATION

PHL

SOURCE CONTRIBUTION

Permit Holder Letter from NOAA Fisheries GARFO listing lat/lon coordinates of known shipwreck sites within Stellwagen Bank National Marine Sanctuary

PROCESS STEP

PROCESS DESCRIPTION

Using Construct Geodetic tool, plotted shipwreck site locations using lat/lon in Decimal Degrees, and applied a 360 ft radius Geodesic Circle. Add attributes, as described in PHL.

PROCESS DATE 2019-03-20

PROCESS CONTACT

CONTACT INFORMATION

CONTACT PERSON PRIMARY

CONTACT PERSON Dean-Lorenz Szumylo

CONTACT ORGANIZATION NOAA Fisheries Service Greater Atlantic Regional Fisheries Office, GIS Committee

CONTACT POSITION GIS Specialist

CONTACT ADDRESS

ADDRESS TYPE mailing and physical address

ADDRESS 55 Great Republic Drive

CITY Gloucester

STATE OR PROVINCE MA

POSTAL CODE 01930

CONTACT VOICE TELEPHONE 978-282-8479

CONTACT FACSIMILE TELEPHONE 978-281-9333

CONTACT ELECTRONIC MAIL ADDRESS [dean.szumylo@noaa.gov](mailto:dean.szumylo@noaa.gov)

CONTACT INSTRUCTIONS

<http://www.greateratlantic.fisheries.noaa.gov/>

PROCESS STEP

PROCESS DESCRIPTION

Generated polygon by plotting corners of general Stellwagen shipwreck area in Decimal Degrees.

PROCESS DATE 2019-03-20

PROCESS CONTACT

#### CONTACT INFORMATION

##### CONTACT PERSON PRIMARY

CONTACT PERSON Dean-Lorenz Szumylo

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## Spatial Reference ►

#### HORIZONTAL COORDINATE SYSTEM DEFINITION

##### GEOGRAPHIC

LATITUDE RESOLUTION .000001

LONGITUDE RESOLUTION .000001

GEOGRAPHIC COORDINATE UNITS Decimal degrees

#### GEODETTIC MODEL

HORIZONTAL DATUM NAME North American Datum of 1983

ELLIPSOID NAME Geodetic Reference System 1980

SEMI-MAJOR AXIS 6378137.000000

DENOMINATOR OF FLATTENING RATIO 298.257222

## Entities and Attributes ►

#### DETAILED DESCRIPTION

##### ENTITY TYPE

ENTITY TYPE LABEL Stellwagen Shipwreck

##### ENTITY TYPE DEFINITION

Stellwagen Bank Shipwreck Sites

ENTITY TYPE DEFINITION SOURCE SBNMS

#### ATTRIBUTE

ATTRIBUTE LABEL FID

##### ATTRIBUTE DEFINITION

Internal feature number.

ATTRIBUTE DEFINITION SOURCE Esri

##### ATTRIBUTE DOMAIN VALUES

##### UNREPRESENTABLE DOMAIN

Sequential unique whole numbers that are automatically generated.

#### ATTRIBUTE

ATTRIBUTE LABEL Shape

##### ATTRIBUTE DEFINITION

Feature geometry.

ATTRIBUTE DEFINITION SOURCE Esri

##### ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

Coordinates defining the features.

ATTRIBUTE

ATTRIBUTE LABEL VesselName

ATTRIBUTE DEFINITION

Name of shipwreck vessel

ATTRIBUTE DEFINITION SOURCE SBNMS

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

Free text name

ATTRIBUTE

ATTRIBUTE LABEL Status

ATTRIBUTE DEFINITION

Status of shipwreck vessel

ATTRIBUTE DEFINITION SOURCE SBNMS

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

Free text status

ATTRIBUTE

ATTRIBUTE LABEL LatDD

ATTRIBUTE DEFINITION

Latitude of shipwreck, in Decimal Degrees

ATTRIBUTE DEFINITION SOURCE SBNMS

ATTRIBUTE DOMAIN VALUES

RANGE DOMAIN

RANGE DOMAIN MINIMUM -90

RANGE DOMAIN MAXIMUM 90

ATTRIBUTE

ATTRIBUTE LABEL LonDD

ATTRIBUTE DEFINITION

Longitude of shipwreck, in Decimal Degrees

ATTRIBUTE DEFINITION SOURCE SBNMS

ATTRIBUTE DOMAIN VALUES

RANGE DOMAIN

RANGE DOMAIN MINIMUM -180

RANGE DOMAIN MAXIMUM 180

ATTRIBUTE

ATTRIBUTE LABEL LatDMS

ATTRIBUTE DEFINITION

Latitude of shipwreck, in Degrees Minutes Seconds

ATTRIBUTE DEFINITION SOURCE SBNMS

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

Free text with special characters

ATTRIBUTE

ATTRIBUTE LABEL LonDMS

ATTRIBUTE DEFINITION

Longitude of shipwreck, in Degrees Minutes Seconds

ATTRIBUTE DEFINITION SOURCE SBNMS

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

Free text with special characters

## ATTRIBUTE

ATTRIBUTE LABEL Fathoms

### ATTRIBUTE DEFINITION

Depth of shipwreck, in fathoms

ATTRIBUTE DEFINITION SOURCE SBNMS

### ATTRIBUTE DOMAIN VALUES

#### RANGE DOMAIN

RANGE DOMAIN MINIMUM 0

RANGE DOMAIN MAXIMUM 99999

## OVERVIEW DESCRIPTION

### ENTITY AND ATTRIBUTE OVERVIEW

Attributes describe shipwreck site location, vessel information if known, and depth of shipwreck.

### ENTITY AND ATTRIBUTE DETAIL CITATION

NOAA Fisheries GARFO Permit Holder Letter to Scallopers, dated 3/26/2018.

## Distribution Information ►

### DISTRIBUTOR

#### CONTACT INFORMATION

##### CONTACT PERSON PRIMARY

CONTACT PERSON Dean-Lorenz Szumylo

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CONTACT POSITION GIS Specialist

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<http://www.greateratlantic.fisheries.noaa.gov/>

RESOURCE DESCRIPTION Downloadable Data

#### DISTRIBUTION LIABILITY

None

## Metadata Reference ►

METADATA DATE 2019-03-20

METADATA FUTURE REVIEW DATE 2023-03-20

### METADATA CONTACT

#### CONTACT INFORMATION

##### CONTACT PERSON PRIMARY

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METADATA STANDARD NAME FGDC Content Standard for Digital Geospatial Metadata  
METADATA STANDARD VERSION FGDC-STD-001-1998