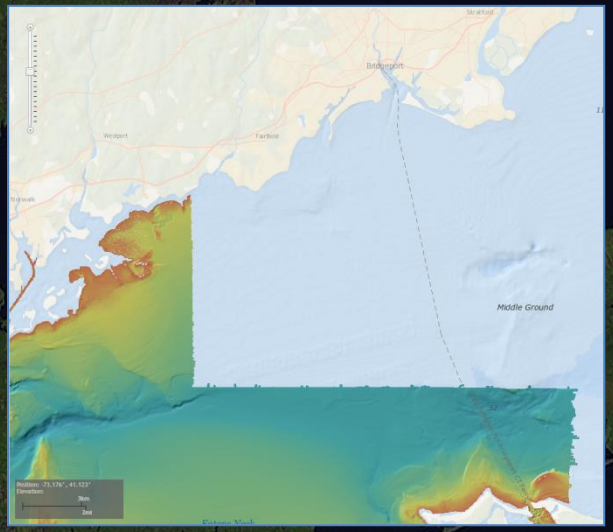
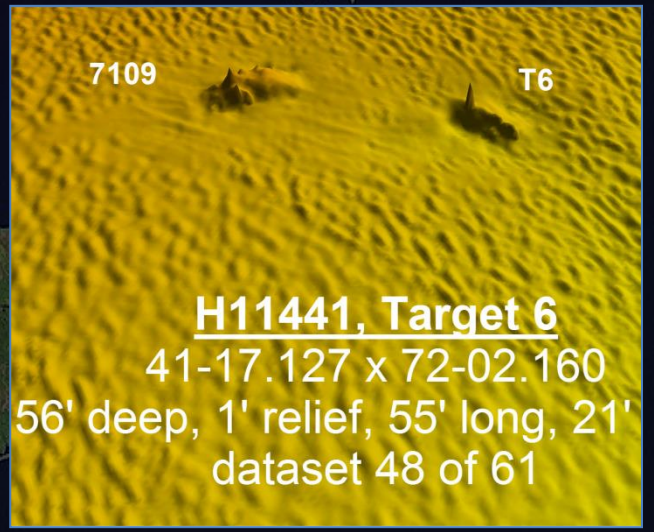
How to find shipwrecks using your computer and an internet connection.

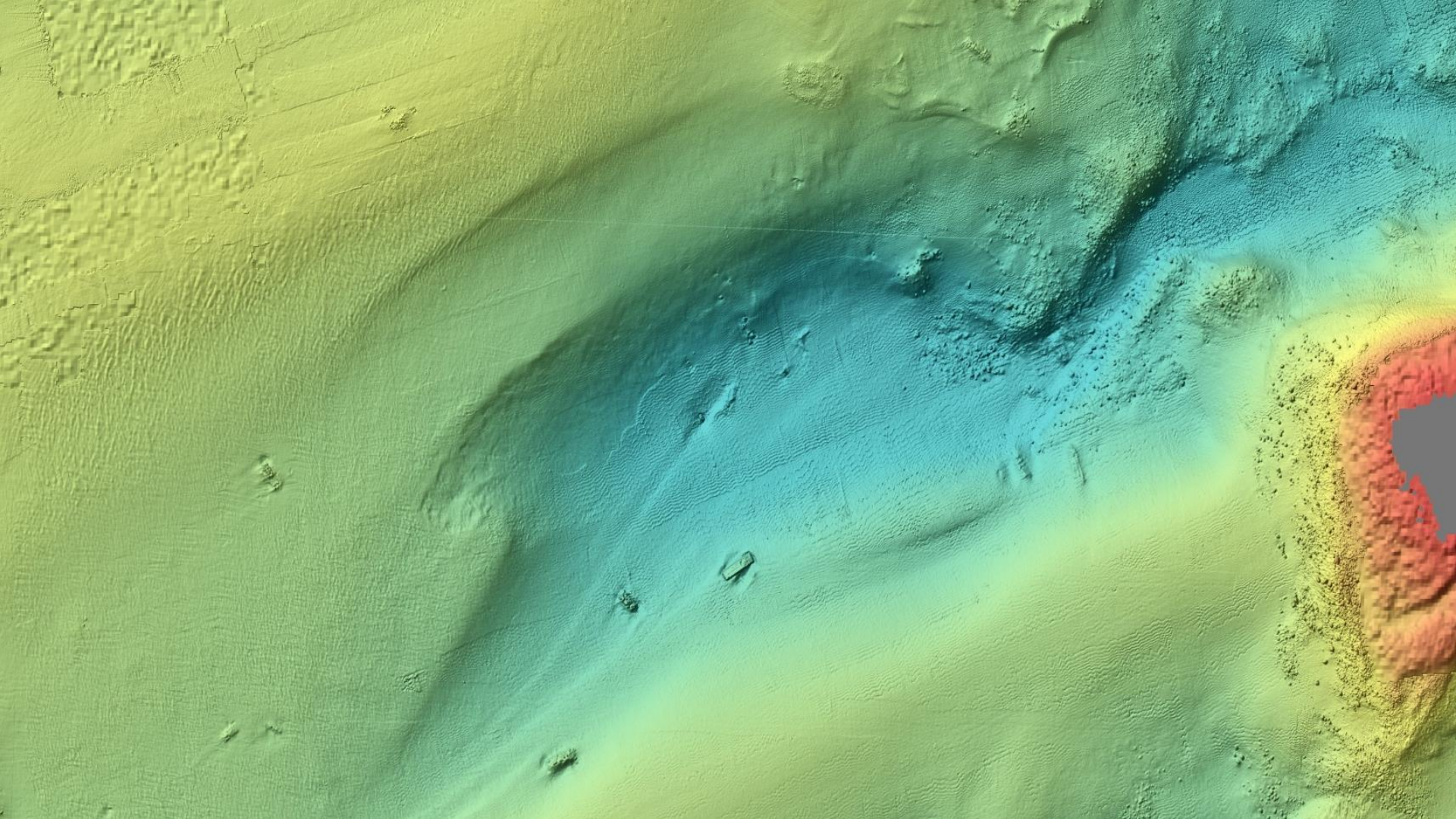


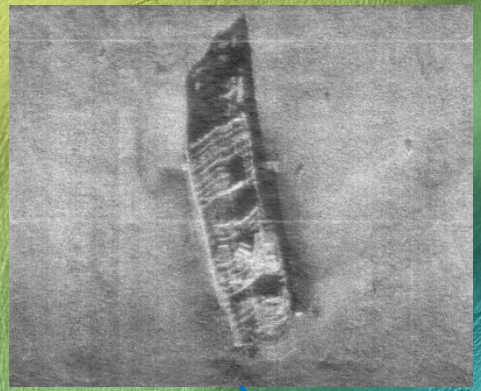


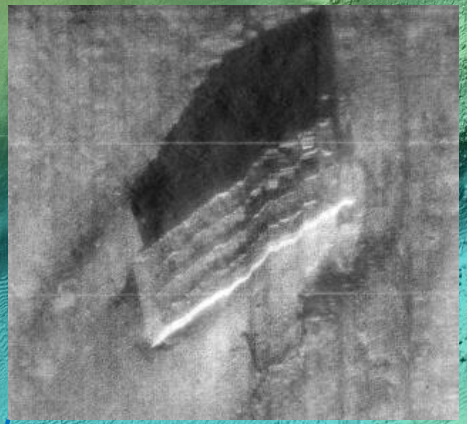
Mark Munro, March 27th, 2021
Mark@SoundUnderwaterSurvey.com
Mark.Munro@ppo2.com

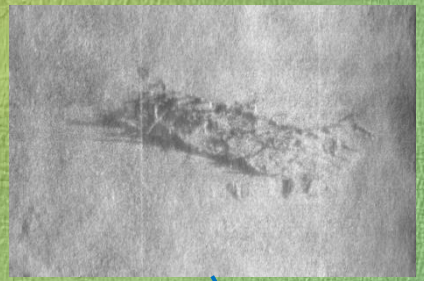
SOUND UNDERWATER SURVEY

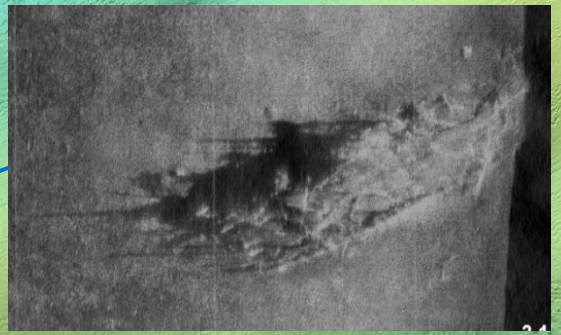
SOUND UNDERWATER SURVEY

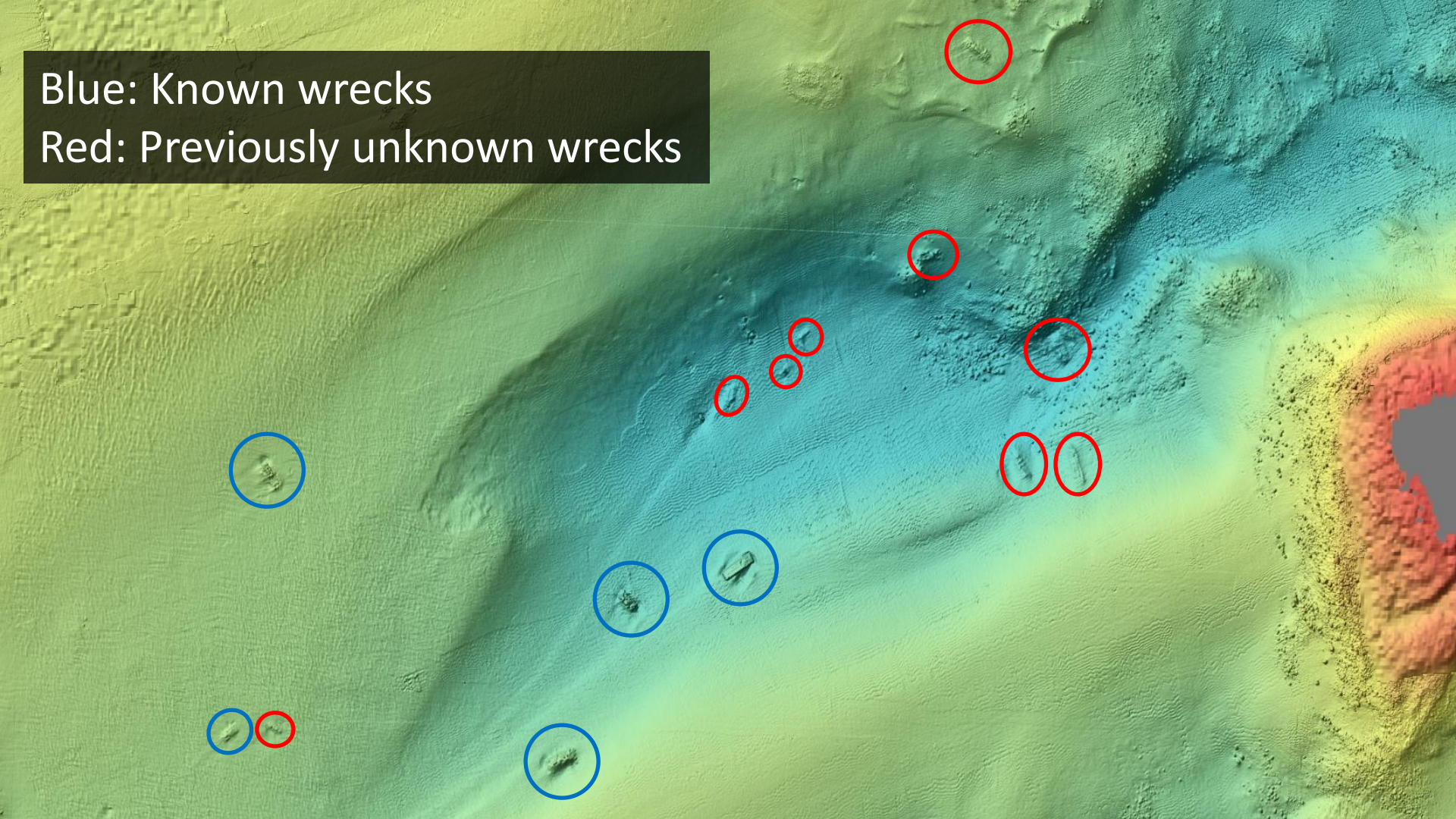


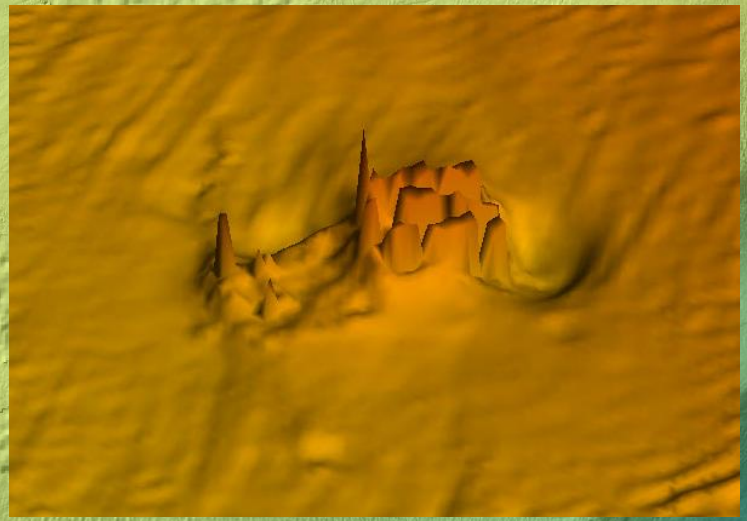


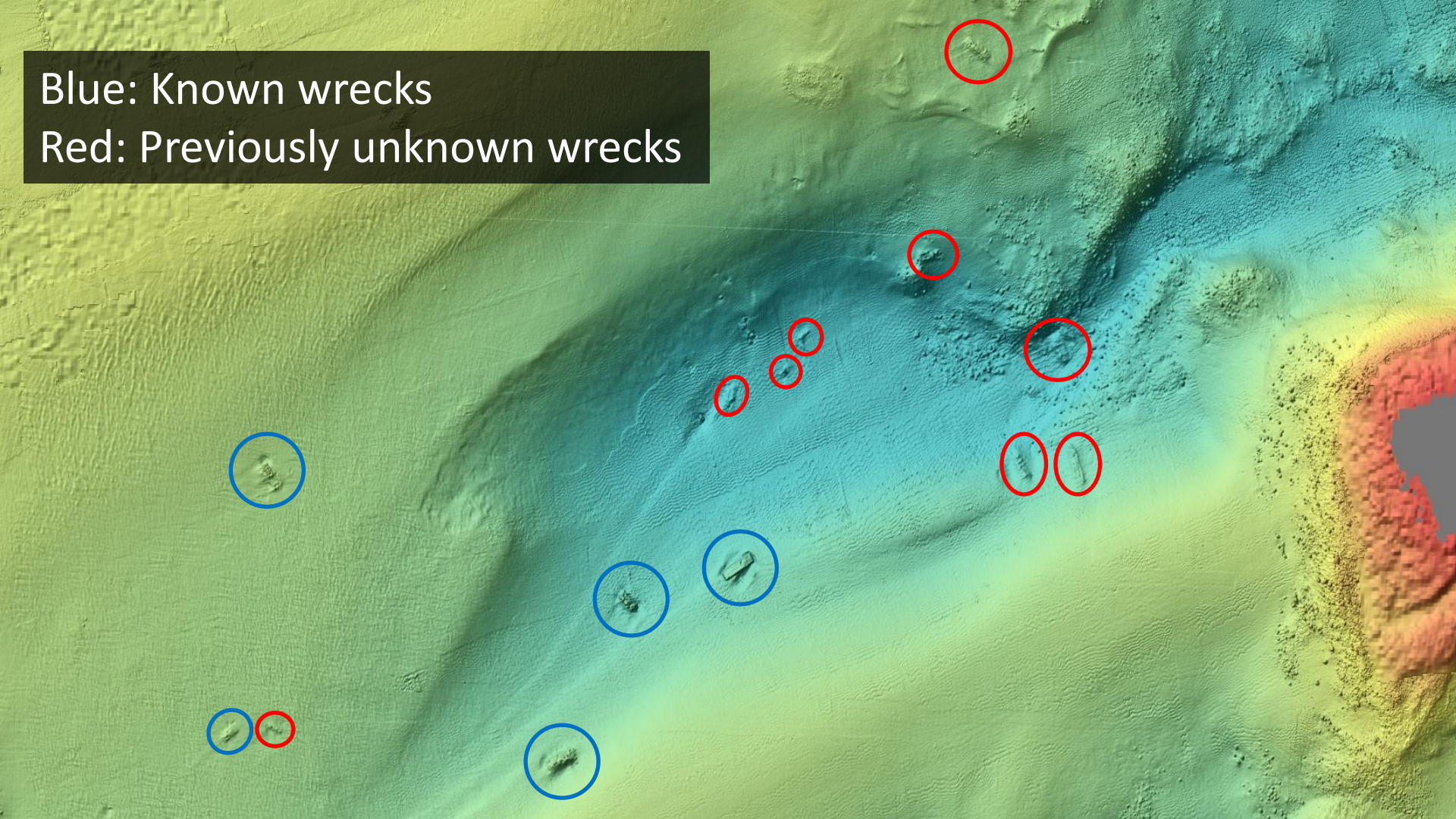




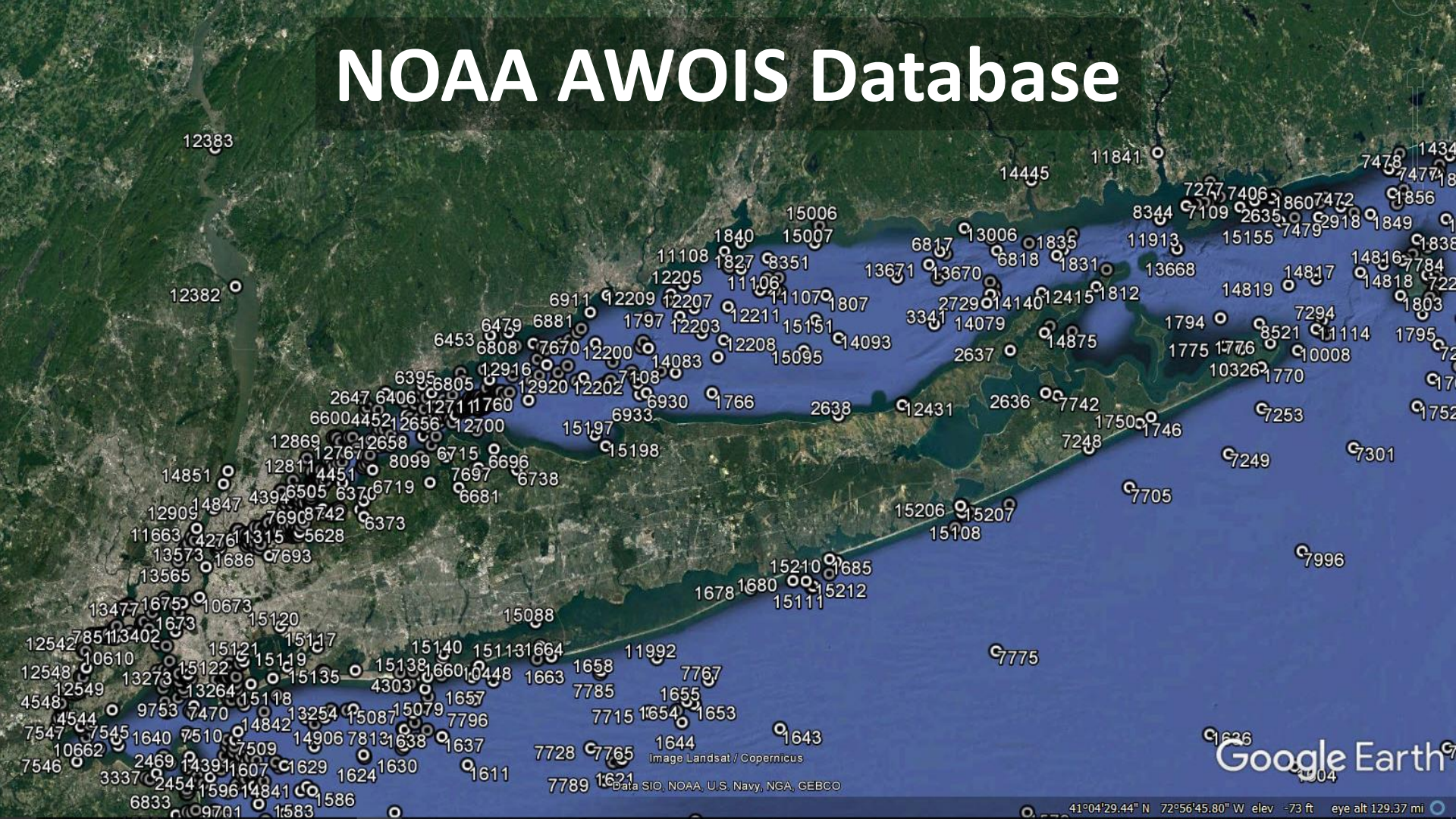



Blue: Known wrecks
Red: Previously unknown wrecks



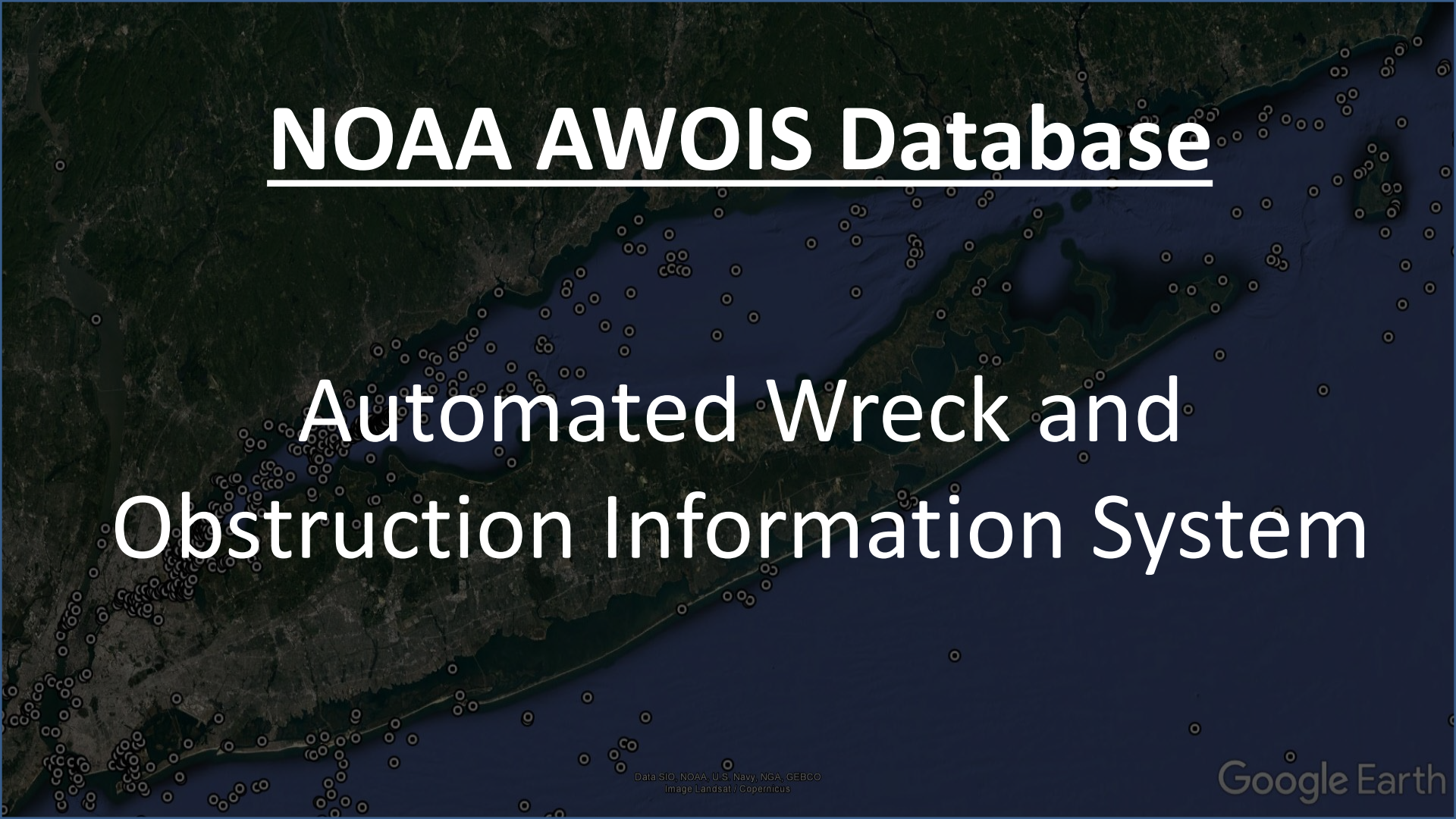

Blue: Known wrecks
Red: Previously unknown wrecks

NOAA AWOIS Database



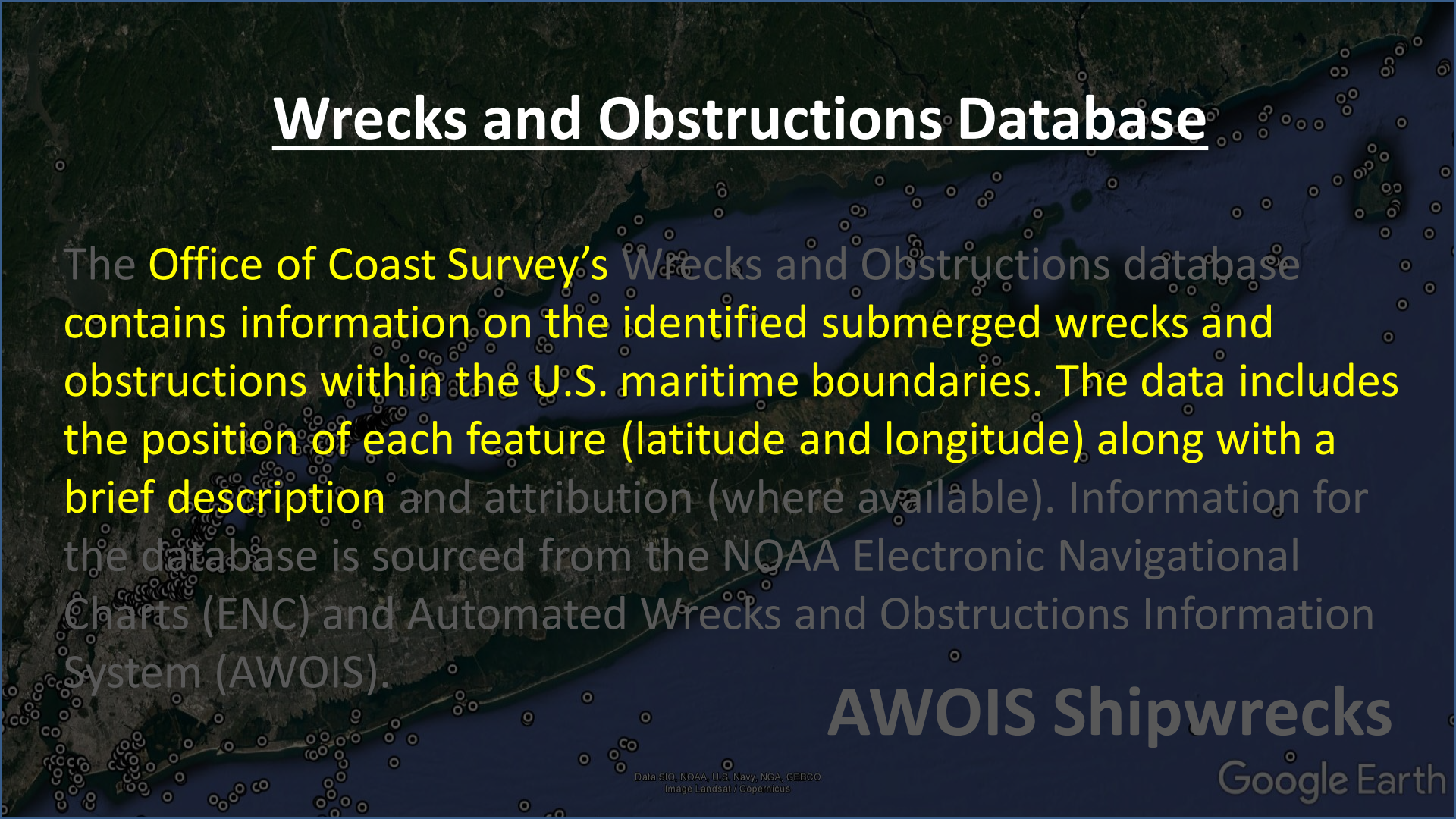
NOAA AWOIS Database

Automated Wreck and Obstruction Information System



Wrecks and Obstructions Database

The Office of Coast Survey's Wrecks and Obstructions database contains information on the identified submerged wrecks and obstructions within the U.S. maritime boundaries. The data includes the position of each feature (latitude and longitude) along with a brief description and attribution (where available). Information for the database is sourced from the NOAA Electronic Navigational Charts (ENC) and Automated Wrecks and Obstructions Information System (AWOIS).



https://nauticalcharts.noaa.gov/data/wrecks-and-obstructions.html

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Wrecks and Obstructions Database

Interactive AWOIS Map

AWOIS Users Guide

Search for Shipwrecks

Related Links

- National Hydrographic Survey Priorities
- Standards and Requirements
- Hydrographic Survey Data
- Learn About Hydrography

https://nauticalcharts.noaa.gov/data/wrecks-and-obstructions.html

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Wrecks and Obstructions Database

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AWOIS Users Guide

Search for Shipwrecks

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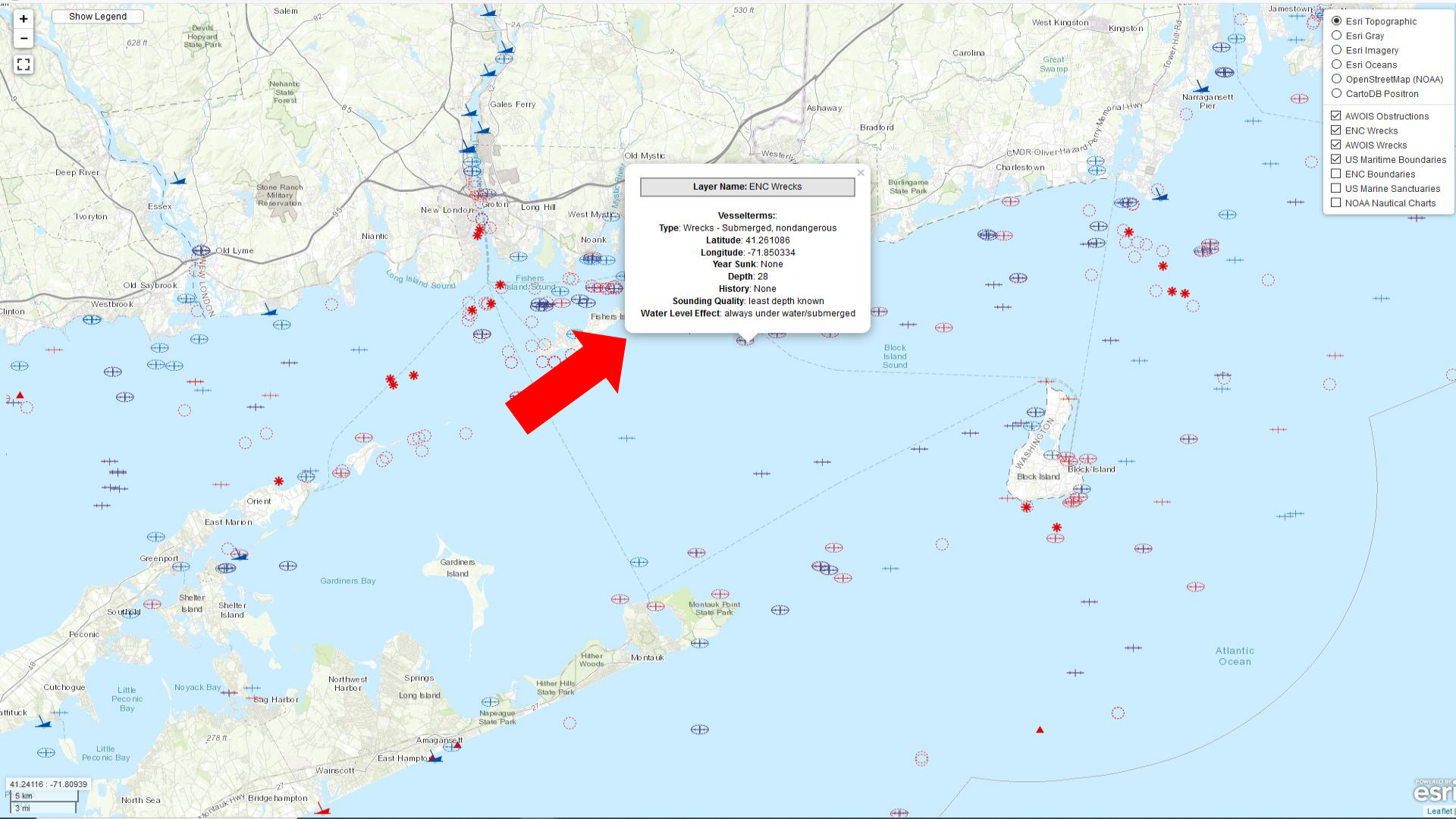
- Standards and Requirements
- Hydrographic Survey Data
- Learn About Hydrography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Layer Name: ENC Wrecks
Vesselterms:
Type: Wrecks - Submerged, nondangerous
Latitude: 41.261086
Longitude: -71.850334
Year Sunk: None
Depth: 28
History: None
Sounding Quality: least depth known
Water Level Effect: always under water/submerged
Esri Topographic
Esri Gray
Esri Imagery
Esri Oceans
OpenStreetMap (NOAA)
CartoDB Positron
AWOIS Obstructions
ENC Wrecks
AWOIS Wrecks
US Maritime Boundaries
ENC Boundaries
US Marine Sanctuaries
NOAA Nautical Charts
Long Island Sound
Block Island Sound
Gardiners Bay
Atlantic Ocean
Block Island
Montauk
Orient
East Marion
Greenport
Shelter Island
Peconic
Southold
Cutchogue
Noyack Bay
Sag Harbor
Northwest Harbor
Springs
Long Island
Amagansett
East Hampton
Wainscott
Bridgehampton
North Sea
Montauk Point State Park
Hither Hills State Park
Napeague State Park
Gardiners Island
Fishers Island
New London
Groton
Old Lyme
Old Saybrook
Westbrook
Essex
Deep River
Ivoryton
Niantic
Noank
Old Mystic
Gales Ferry
Ashaway
Bradford
Westerly
Charlestown
Narragansett Pier
West Kingston
Kingston
Jamestown
41.24116 : -71.80939
5 km
3 mi
Leaflet

https://nauticalcharts.noaa.gov/data/wrecks-and-obstructions.html

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Wrecks and Obstructions Database

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Interactive AWOIS Map

AWOIS Users Guide

Search for Shipwrecks

Related Links

- National Hydrographic Survey Priorities
- Standards and Requirements
- Hydrographic Survey Data
- Learn About Hydrography

Map Services and Data Download Links

All Features
Esri REST API

All Features
OGC Web Map Service (WMS)

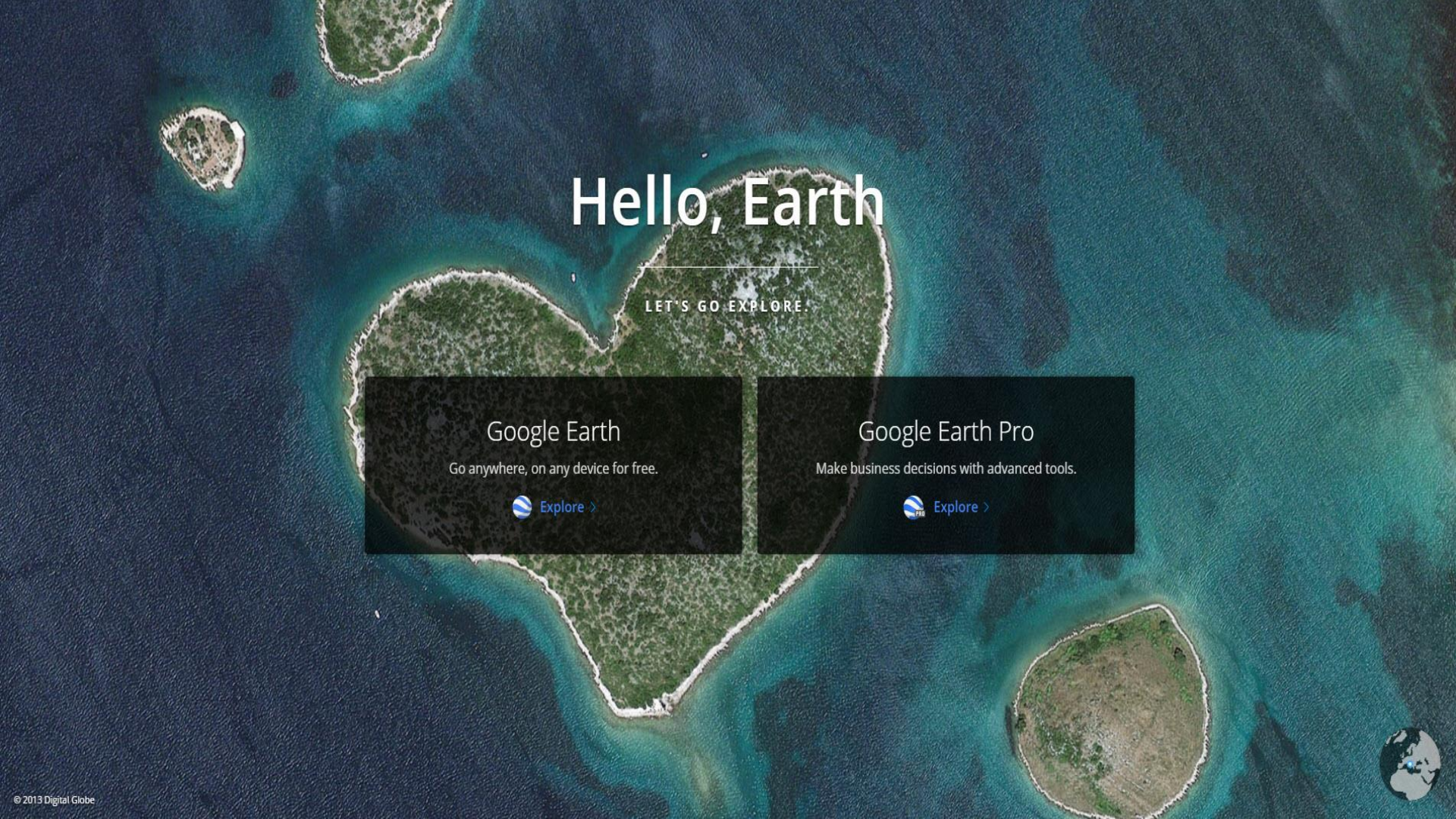
AWOIS Wrecks
(KML/KMZ)

ENC Wrecks
(KML/KMZ)

AWOIS Obstructions
(KML/KMZ)

AWOIS Wrecks
(Shapefile)

ENC Wrecks
(Shapefile)


Hello, Earth
LET'S GO EXPLORE.
Google Earth
Go anywhere, on any device for free.
Explore ›
Google Earth Pro
Make business decisions with advanced tools.
Explore ›
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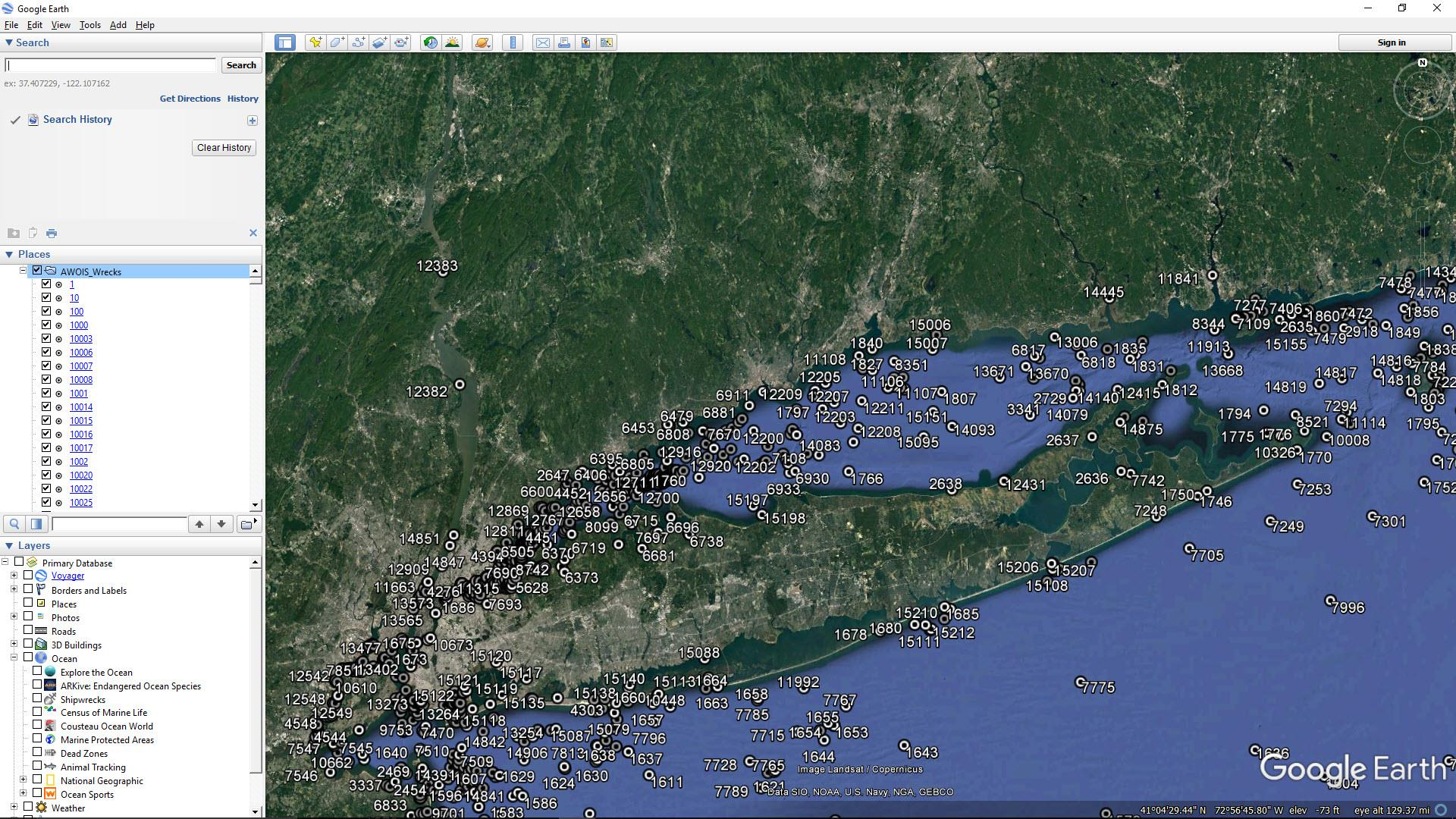
Google Earth
File Edit View Tools Add Help
Search
Search
ex: 37.407229, -122.107162
Get Directions History
Search History
Clear History
Places
AWOIS_Wrecks
1
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10003
10006
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ARKive: Endangered Ocean Species
Shipwrecks
Census of Marine Life
Cousteau Ocean World
Marine Protected Areas
Dead Zones
Animal Tracking
National Geographic
Ocean Sports
Weather
Sign in
Image Landsat / Copernicus
Data SIO, NOAA, U.S. Navy, NGA, GEBCO
Google Earth
41°04'29.44" N 72°56'45.80" W elev -73 ft eye alt 129.37 mi


Google Earth
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Search
ex: Hotels near JFK
Get Directions History
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12916
7539
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Data SIO, NOAA, U.S. Navy, NGA, GEBCO
Image © 2016 TerraMetrics
Google Earth
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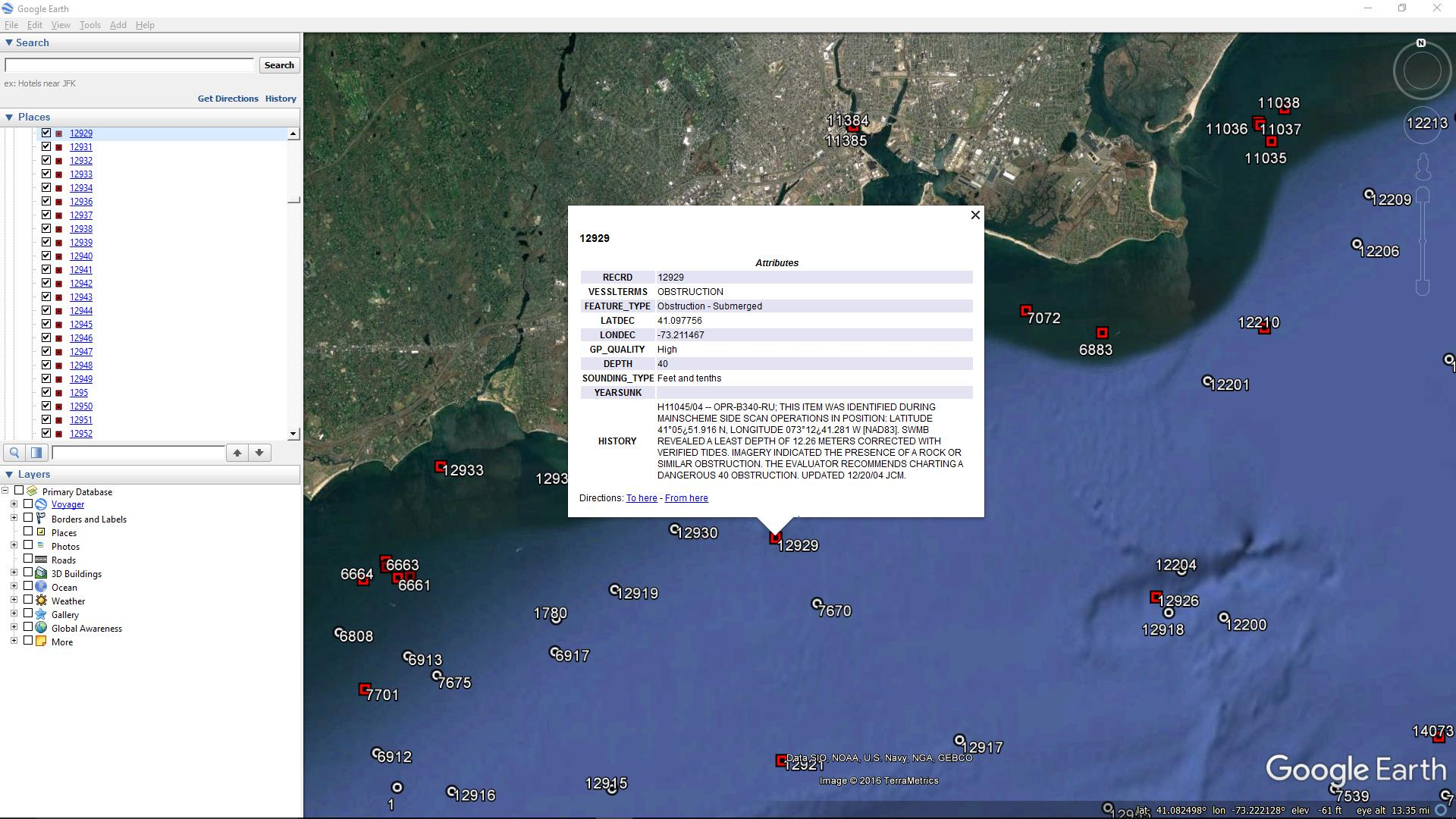
Google Earth
File Edit View Tools Add Help
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Search
ex: Hotels near JFK
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12929
Attributes
RECRD 12929
VESSLTERMS OBSTRUCTION
FEATURE_TYPE Obstruction - Submerged
LATDEC 41.097756
LONDEC -73.211467
GP_QUALITY High
DEPTH 40
SOUNDING_TYPE Feet and tenths
YEARSUNK
HISTORY H11045/04 -- OPR-B340-RU; THIS ITEM WAS IDENTIFIED DURING MAINSCHEME SIDE SCAN OPERATIONS IN POSITION: LATITUDE 41°05¿51.916 N, LONGITUDE 073°12¿41.281 W [NAD83]. SWMB REVEALED A LEAST DEPTH OF 12.26 METERS CORRECTED WITH VERIFIED TIDES. IMAGERY INDICATED THE PRESENCE OF A ROCK OR SIMILAR OBSTRUCTION. THE EVALUATOR RECOMMENDS CHARTING A DANGEROUS 40 OBSTRUCTION. UPDATED 12/20/04 JCM.
Directions: To here - From here
11384
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1
7539
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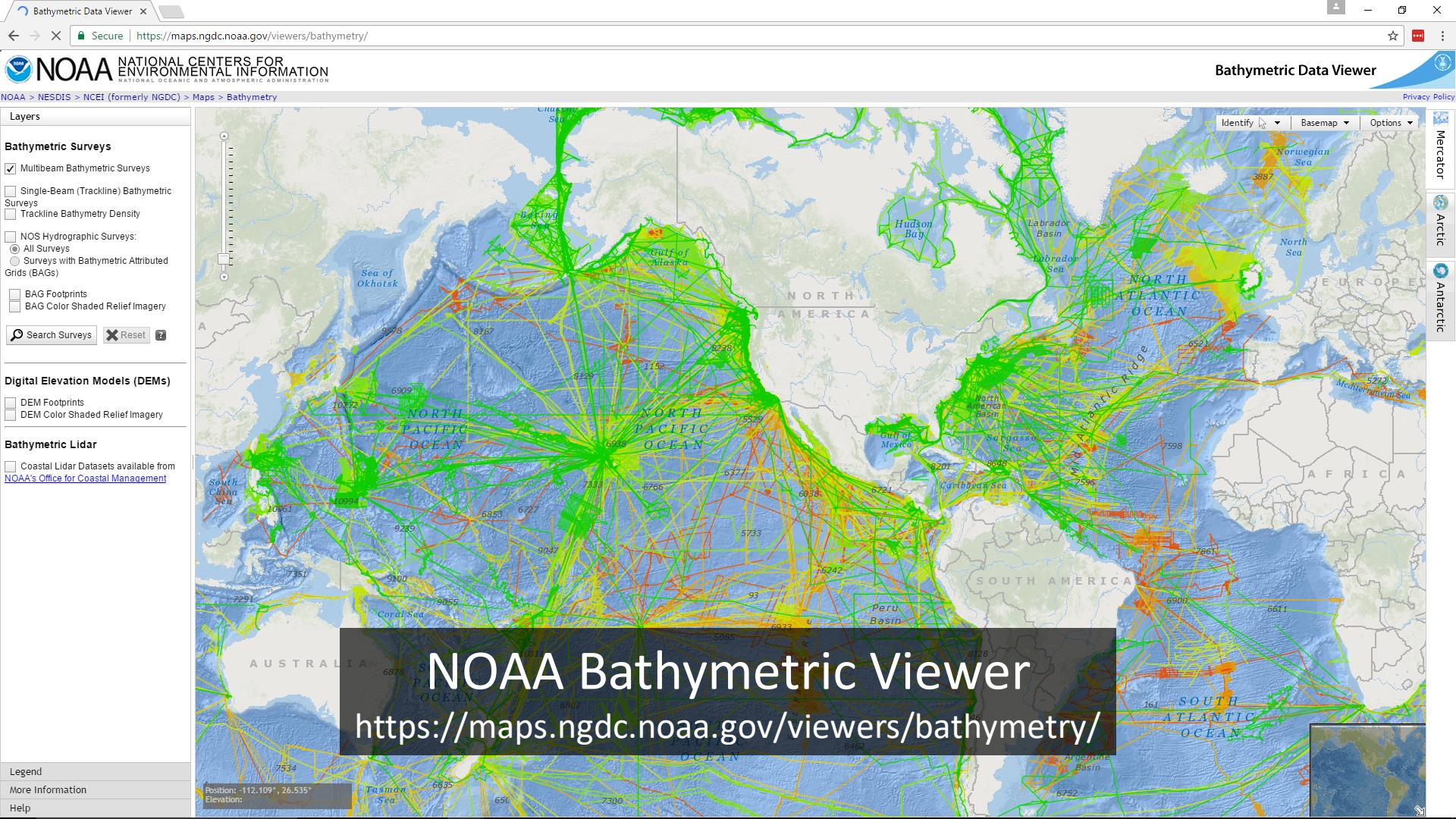
Data SIO, NOAA, U.S. Navy, NGA, GEBCO
Image © 2016 TerraMetrics
Google Earth
lat 41.082498° lon -73.222128° elev -61 ft eye alt 13.35 mi


Bathymetric Data Viewer
Secure | https://maps.ngdc.noaa.gov/viewers/bathymetry/
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Bathymetric Data Viewer
NOAA > NESDIS > NCEI (formerly NGDC) > Maps > Bathymetry
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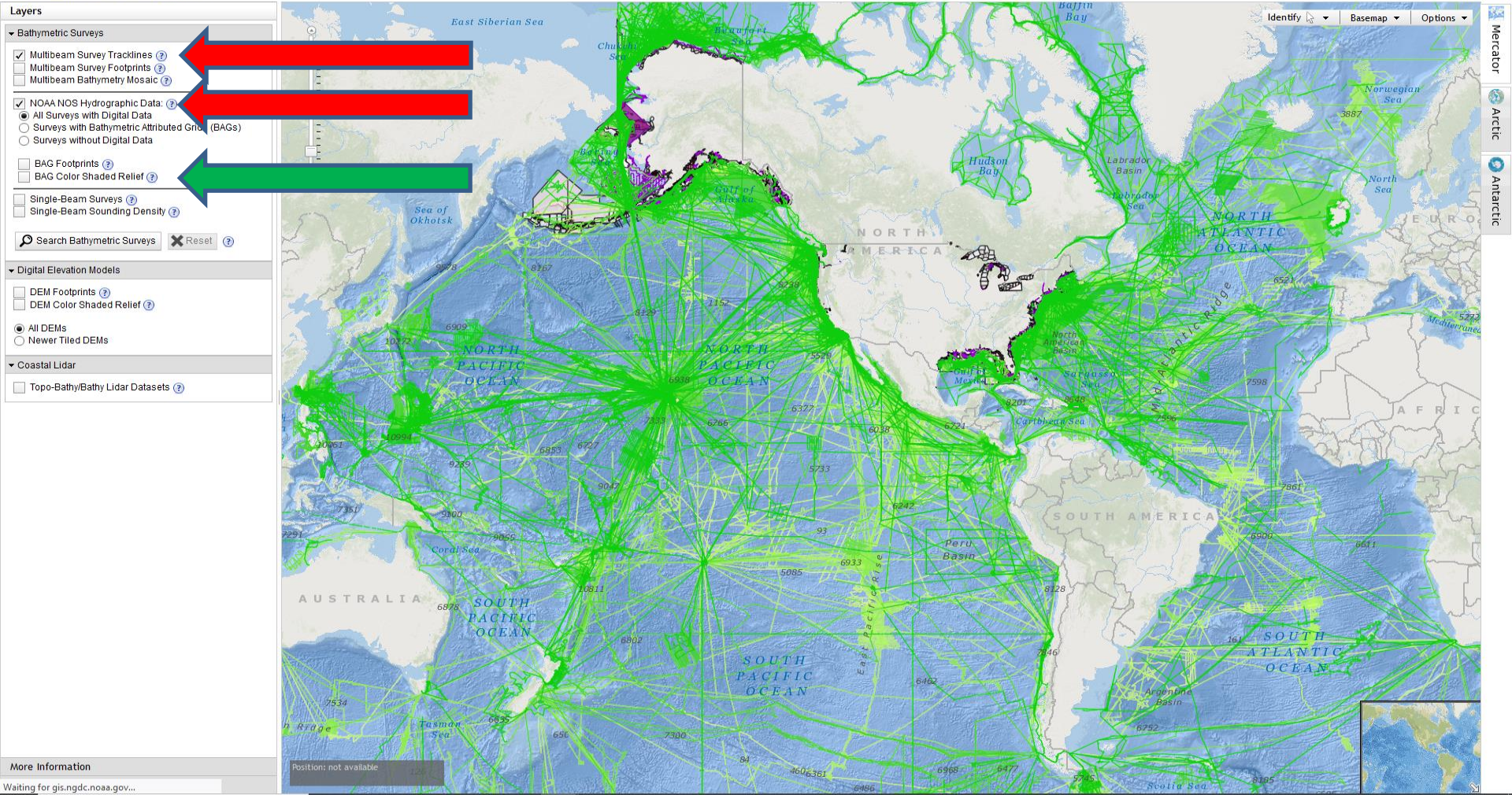
NORTH ATLANTIC OCEAN
NORTH PACIFIC OCEAN
SOUTH AMERICA
SOUTH ATLANTIC OCEAN
AUSTRALIA
AFRICA
EUROPE
Hudson Bay
Gulf of Alaska
Sea of Okhotsk
Norwegian Sea
North Sea
Labrador Sea
Gulf of Mexico
Caribbean Sea
Sargasso Sea
Coral Sea
Tasman Sea
Peru Basin
Argentine Basin
Position: -112.109°, 26.535°
Elevation:
NOAA Bathymetric Viewer
https://maps.ngdc.noaa.gov/viewers/bathymetry/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Multibeam Survey Tracklines
Multibeam Survey Footprints
Multibeam Bathymetry Mosaic
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Surveys with Bathymetric Attributed Grid (BAGs)
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Chukchi Sea
Beaufort Sea
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Hudson Bay
Labrador Basin
Labrador Sea
Norwegian Sea
North Sea
Sea of Okhotsk
Gulf of Alaska
NORTH AMERICA
NORTH ATLANTIC OCEAN
NORTH PACIFIC OCEAN
Mid-Atlantic Ridge
Caribbean Sea
Sargasso Sea
SOUTH AMERICA
Peru Basin
Coral Sea
AUSTRALIA
SOUTH PACIFIC OCEAN
East Pacific Rise
SOUTH ATLANTIC OCEAN
Argentine Basin
Tasman Sea
Scotia Sea
Position: not available

Layers

Bathymetric Surveys

- [ ] Multibeam Survey Tracklines
- [ ] Multibeam Survey Footprints
- [ ] Multibeam Bathymetry Mosaic

- [ ] NOAA NOS Hydrographic Data:
  - (•) All Surveys with Digital Data
  - ( ) Surveys with Bathymetric Attributed Grids (BAGs)
  - ( ) Surveys without Digital Data

- [ ] BAG Footprints
- [x] BAG Color Shaded Relief

- [ ] Single-Beam Surveys
- [ ] Single-Beam Sounding Density

Search Bathymetric Surveys | Reset

Digital Elevation Models

- [ ] DEM Footprints
- [ ] DEM Color Shaded Relief

- (•) All DEMs
- ( ) Newer Tiled DEMs

Coastal Lidar

- [ ] Topo-Bathy/Bathy Lidar Datasets

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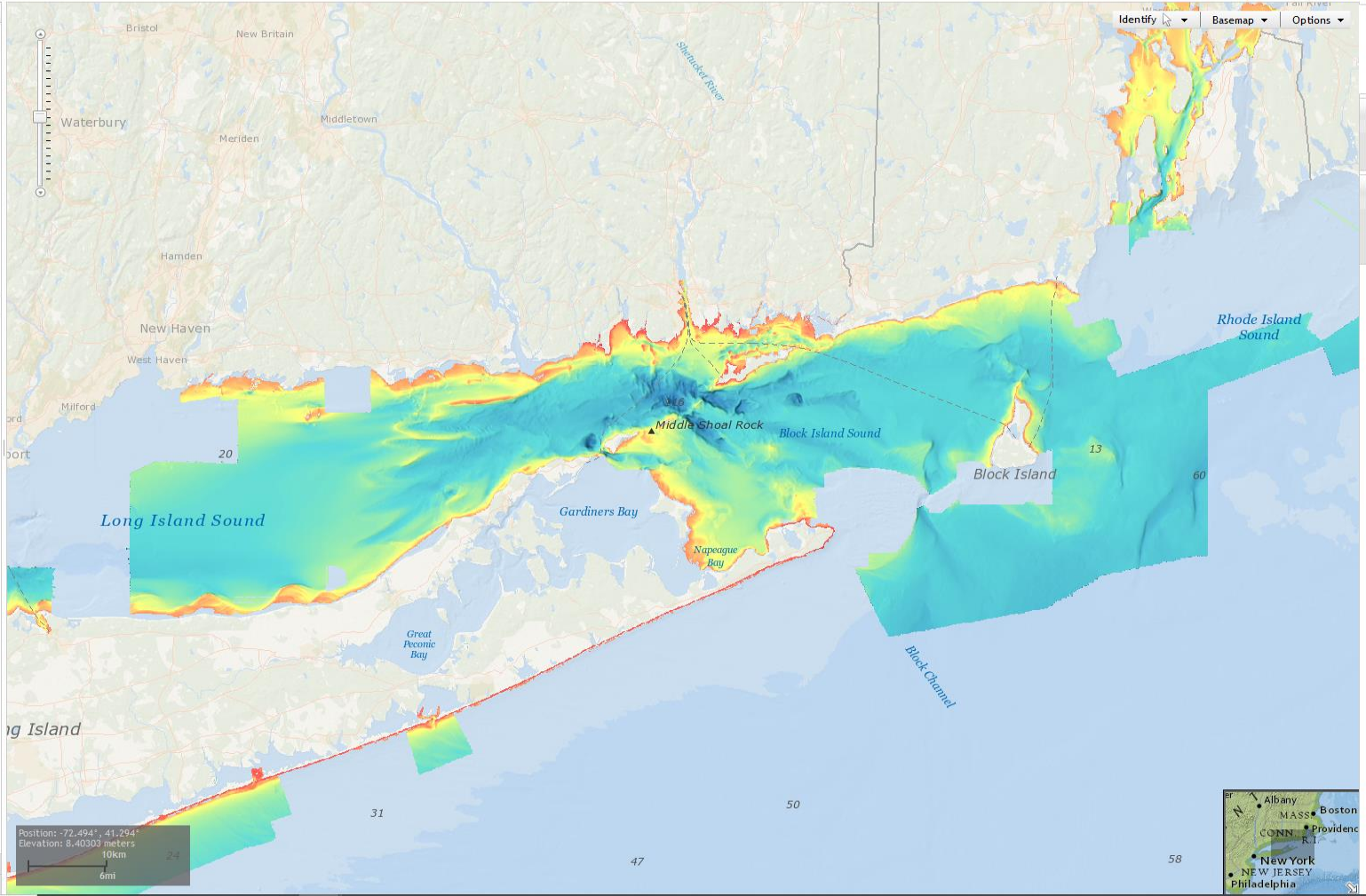

Layers

Bathymetric Surveys

- [ ] Multibeam Bathymetric Surveys
- [ ] Single-Beam (Trackline) Bathymetric Surveys
- [ ] Trackline Bathymetry Density
- [ ] NOS Hydrographic Surveys:
  - (•) All Surveys
  - ( ) Surveys with Bathymetric Attributed Grids (BAGs)
- [ ] BAG Footprints
- [x] BAG Color Shaded Relief Imagery

Search Surveys | Reset

Digital Elevation Models (DEMs)

- [ ] DEM Footprints
- [ ] DEM Color Shaded Relief Imagery

Bathymetric Lidar

- [ ] Coastal Lidar Datasets available from NOAA's Office for Coastal Management

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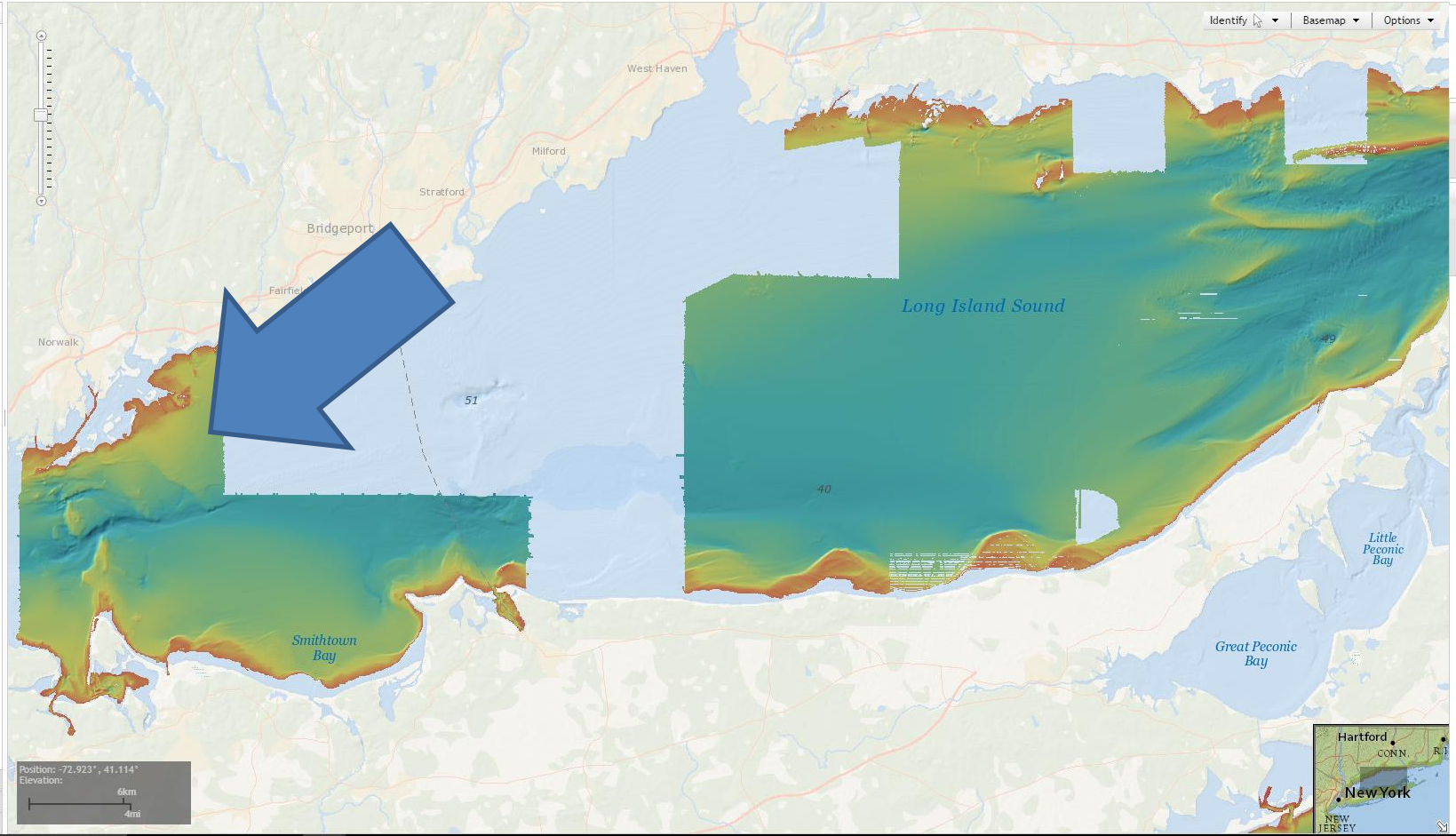
Mercator
Arctic
Antarctic



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Bathymetric Surveys

- [ ] Multibeam Bathymetric Surveys
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- [ ] Trackline Bathymetry Density
- [ ] NOS Hydrographic Surveys:
  - (•) All Surveys
  - ( ) Surveys with Bathymetric Attributed Grids (BAGs)
- [ ] BAG Footprints
- [x] BAG Color Shaded Relief Imagery

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Bathymetric Lidar

- [ ] Coastal Lidar Datasets available from NOAA's Office for Coastal Management

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Mercator | Arctic | Antarctic

5

4

3

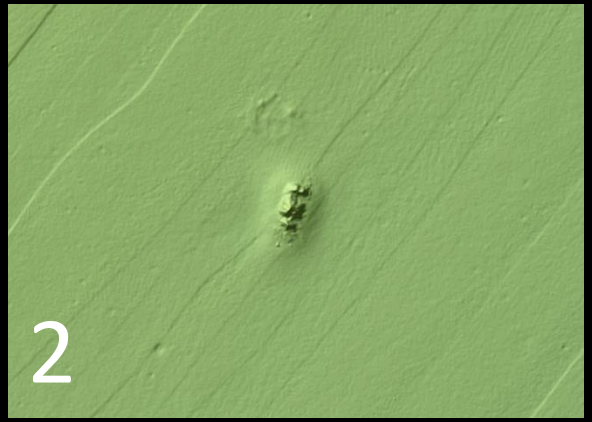
2

1

Position: -73.294°, 41.061°
Elevation:
0.4km
0.2mi

Norwalk


1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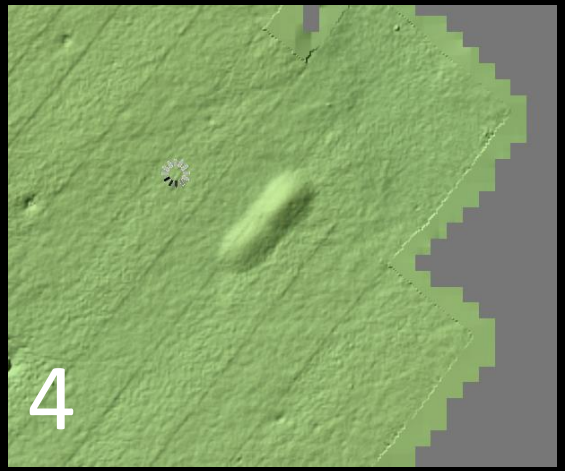
4


5

Layers

Bathymetric Surveys

- Multibeam Bathymetric Surveys
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- DEM Footprints
- DEM Color Shaded Relief Imagery

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- Coastal Lidar Datasets available from NOAA's Office for Coastal Management

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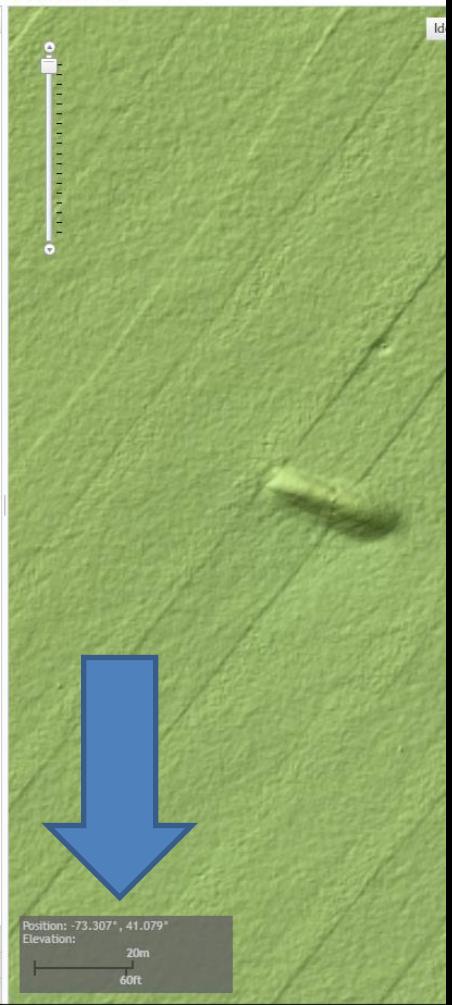


5

6913

Attributes

RECRD	6913
VESSLTERMS	UNKNOWN
FEATURE_TYPE	Wreck - Submerged [illegible] to surface navigation
LATDEC	41.079008
LONDEC	-73.306964
GP_QUALITY	High
DEPTH	41
SOUNDING_TYPE	Feet and tenths
YEARSUNK	
HISTORY	HISTORY CL821/32--CGS; PRELIMINARY LIST OF SHOALS AND WIRE DRAG HANGS; ì 34 FT. SOUNDING TAKEN ON WRECKAGE IN LAT 41-04-44.5N, LONG ì 73-18-26.1W (NAD27); CLEARED BY 31 FT.; CHARTED AS 34 FT. SOUNDING. CL338/43--CGS; POLICY MEMO STATING THAT ALL SOUNDINGS CHARTED ì FROM WIRE DRAG SURVEYS BE REVISED TO CLEARED DEPTHS WITH BASKETS ì AND APPROPRIATE NOTATIONS; 34 FT. SOUNDING REVISED TO 31 FT. ì CLEARED DEPTH WITH NOTE WRECKAGE. (ENTERED MSM 10/88) FE320SS/88--OPR-B660-RU-88; 200% SIDE SCAN SONAR FOR 200% ì RADIUS; HYDROGRAPHER STATES THERE WERE NO SIGNIFICANT CONTACTS, ì HOWEVER DURING OFFICE PROCESSING A TARGET WAS NOTED AND ASSIGNED ì FOR FURTHER INVESTIGATION ON A SUBSEQUENT SURVEY (REF. FE323SS/89); ì LOCATED IN LAT 41-04-44.43N, LONG 73-18-25.15W WITH AN ECHOSOUNDER ì LEAST DEPTH OF 42FT. IN SURVEY DEPTHS OF 45 FT.; SEE FE323SS/89 ì FOR FURTHER INFORMATION, ITEM DESCRIPTION AND CHARTING ì RECOMMENDATION. (UPDATED MSM 5/90) FE323SS/89--OPR-B660-HE-89; DIVERS INVESTIGATION FOUND ì WRECKAGE, WHICH APPEARS TO BE A WOODEN COAL BARGE WHICH HAS SUNK ì INTO THE MUDDY BOTTOM; STARBOARD SHEER STRAKE PROTRUDES FROM THE ì SEA FLOOR ALONG MOST OF THE BARGE'S LENGTH; STEM AND THE ì UPPERMOST END OF THE PROW ARE EXPOSED AND RISE 2 FT. ABOVE THE ì SEA BOTTOM; EXPOSED FROMES RUN THE LENGTH OF THE EXPOSED SHEER ì STRAKE; CLUMPS OF COAL SURROUND THE WRECK BECOMING NUMEROUS ì NEARER THE WRECK; A MOUND OF COAL RISING ABOVE THE SEA FLOOR ì FOLLOWS THE PROBABLE OUTLINE OF THE BARGE; COAL MOUND APPEARS TO ì HAVE SPILLED OVER THE PORT SIDE OF THE BARGE; LEAST DEPTH OF 39 ì FT. TAKEN ON TOP OF THE COAL PILE; WRECK'S DIMENSIONS WERE SCALED ì AS 15M X 35M FROM SONARGRAMS AND VERIFIED BY DIVERS; LAT ì 41-04-44.43N, LONG 73-18-25.07W (NAD83); HYDROGRAPHER AND ì EVALUATOR RECOMMENDED CHARTING A 39 WK. (UPDATED MSM 7/90) H12489(OPR-B340-TJ-12)-- CHARTED WRECK FOUND WITH RESON 7125 OBJECT DETECTION MULTIBEAM. SOUNDINGS CORRECTED TO MLLW WITH VDATUM SOLUTION. RETAIN CHARTED WRECK AND UPDATE LEAST DEPTH TO 41FT.

Directions: To here - From here

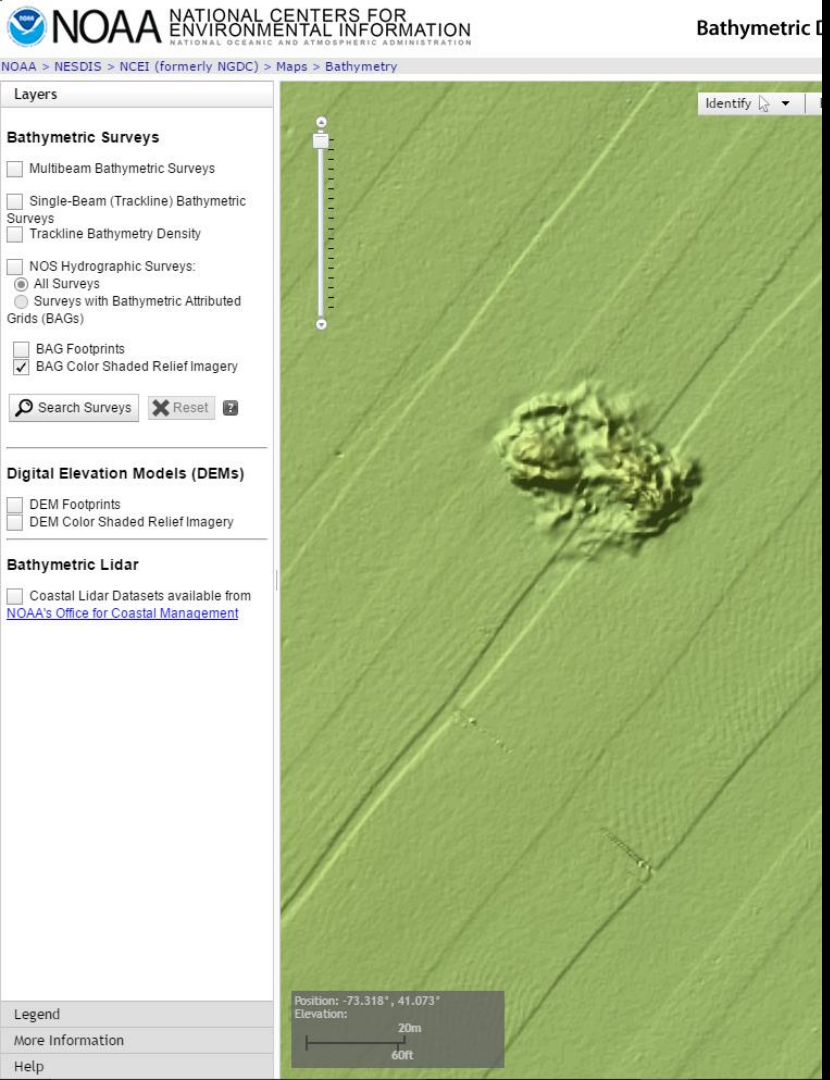
4

7675

Attributes

RECRD	7675
VESSLTERMS	UNKNOWN
FEATURE_TYPE	Wreck - Submerged, dangerous to surface navigation
LATDEC	41.075014
LONDEC	-73.299783
GP_QUALITY	Low
DEPTH	0
SOUNDING_TYPE	
YEARSUNK	
HISTORY	DESCRIPTION 195 LORAN C RATES PROVIDED BY MR. RICHARD TARACKA, GREENWICH, ì CT. POLICE DEPARTMENT, TEL NO 203-622-8020; 9960-X 26749.9, ì 9960-Y 44001.9; LAT 41-04-29.71N, LONG 73-18-00.81W; ì IDENTIFIED AS A STEEL HULL. (ENTERED MSM 3/90)

Directions: To here - From here



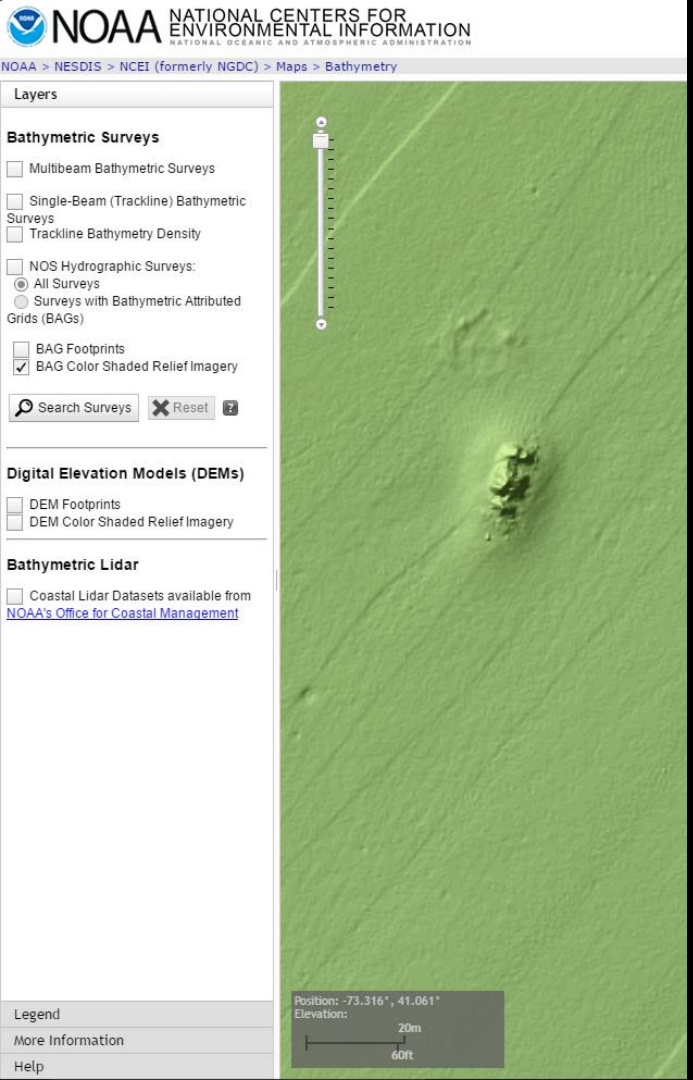
3

7701

Attributes

RECRD	7701
VESSLTERMS	OBSTRUCTION
FEATURE_TYPE	Obstruction - Submerged
LATDEC	41.073097
LONDEC	-73.3183
GP_QUALITY	High
DEPTH	34
SOUNDING_TYPE	Feet and tenths
YEARSUNK	
HISTORY	HISTORY D-95/89--OPR-B660-HE-89; RECONNAISSANCE HYDROGRAPHY; CONTACT ì NOTED ON FATHOGRAM AND INVESTIGATION DOCUMENTED IN FE325SS/89. FE325SS/89--OPR-B660-HE-89; DIVER INVESTIGATION FOUND WHAT ì APPEARED TO BE A PILE OF SCRAP METAL THAT PERHAPS A HOPPER ì DUMPED; THERE WERE NUMEROUS SHARP OBJECTS STICKING OUT OF THE ì PILE BUT OVERALL THE PILE WAS VERY FLAT ON THE TOP; NEAR THE ì CONTACT THE VISIBILITY WAS VERY POOR; WATER WAS BROWN FROM THE ì FERROUS OXIDE FROM THE RUSTING METAL; TOP SEEMED TO HAVE A ì UNIFORM LEAST DEPTH OF 35 FT; LAT 41-04-23.15N, LONG ì 73-19-05.88W; HYDROGRAPHER AND EVALUATOR RECOMMENDED CHARTING A ì SUBMERGED DANGEROUS OBSTRUCTION WITH A KNOWN DEPTH: 35 OBSTN ì (SCRAP METAL). (ENTERED MSM 4/90) H12489(OPR-B340-TJ-12)--POSITION CONFIRMED 41°04'23.2" N, 073°19'06.9" W. DEPTH REVISED TO 34FT. ADD DANGEROUS ROCKS, LABEL ROCKS.

Directions: To here - From here



2

6912

Attributes

RECRD	6912
VESSLTERMS	UNKNOWN
FEATURE_TYPE	Wreck - Submerged, dangerous to surface navigation
LATDEC	41.060794
LONDEC	-73.315983
GP_QUALITY	High
DEPTH	42
SOUNDING_TYPE	Feet and tenths
YEARSUNK	
HISTORY	HISTORY H5219/32WD--44 FT. SOUNDING TAKEN ON WRECKAGE IN LAT ì 41-03-38.9N, LONG 73-18-59.1W (NAD27); CLEARED BY 42 FT; CHARTED AS 44 ì FT. SOUNDING. CL338/43--CGS; POLICY MEMO STATING THAT ALL SOUNDINGS CHARTED ì FROM SPECIFIC WIRE DRAG SHEETS NOW BE CHARTED AS CLEARED DEPTHS ì WITH BASKETS AND APPROPRIATE NOTATIONS; 44 FT. SOUNDING REVISED TO ì 42 CLEARED DEPTH. (ENTERED MSM 10/88) FE323SS/89--OPR-B660-HE-89; ONE CONTACT FOUND IN LAT ì 41-03-38.86N, LONG 73-18-57.54W (NAD83); DIVER INVESTIGATION ì FOUND WRECKAGE OF WHAT APPEARS TO BE A BARGE, WHICH HAS SUNK INTO ì THE MUDDY BOTTOM, AND NUMEROUS SCATTERED BARRELS OR KEGS; BARRELS ì ARE MADE OF METAL AND SHOW SIGNS OF RUST AND FAIRLY HEAVY BARNACLE ì GROWTH, BUT THEIR CONTENTS ARE UNKNOWN; WRECK IS APPROXIMATELY 6M ì X 20M; LEAST DEPTH OF 42 FT. TAKEN ON THE LARGEST PILE OF ì CONTAINERS; LORAN C RATES: 9960-W 15222.6, 9960-X 26756.1, 9960-Y ì 43996.9, 9960-Z 60058.1; HYDROGRAPHER AND EVALUATOR RECOMMENDED ì CHARTING A 42 WK AND DELETING CHARTED CLEARED SOUNDING. (UPDATED ì MSM 7/90) H12489(OPR-B340-TJ-12)--DEPTH AND POSITION CONFIRMED WITH MBES.

Directions: To here - From here

Layers

Bathymetric Surveys

- [ ] Multibeam Bathymetric Surveys
- [ ] Single-Beam (Trackline) Bathymetric Surveys
- [ ] Trackline Bathymetry Density
- [ ] NOS Hydrographic Surveys:
  - (•) All Surveys
  - ( ) Surveys with Bathymetric Attributed Grids (BAGs)
- [ ] BAG Footprints
- [x] BAG Color Shaded Relief Imagery

Search Surveys | Reset

Digital Elevation Models (DEMs)

- [ ] DEM Footprints
- [ ] DEM Color Shaded Relief Imagery

Bathymetric Lidar

- [ ] Coastal Lidar Datasets available from NOAA's Office for Coastal Management

Legend

More Information

Help


Google Earth Pro
File Edit View Tools Add Help
Search
Search
ex: 37 25' 19.1"N, 122 05' 06"W
Get Directions History
Places
My Places
AWOIS Obstructions - Coast Survey W
The software used to enter, store, and retrieve data from the AWOIS was
ENC Wrecks - Coast Survey Wrecks ...
AWOIS Wrecks - Coast Survey Wrecks
The software used to enter, store, and retrieve data from the AWOIS was
Temporary Places
Layers
Primary Database
Announcements
Borders and Labels
Places
Photos
Roads
3D Buildings
Weather
Gallery
More
Terrain
6913
7675
7701
6912
NEW WRECK!
Image © 2021 TerraMetrics
Data SIO, NOAA, U.S. Navy, NGA, GEBCO
Google Earth
1985
lat 41.063692° lon -73.322088° elev 0 ft eye alt 10158 ft


5’ High
Position: -73.311°, 41.055°
Elevation: -18.8114 meters
20m
60ft
62’

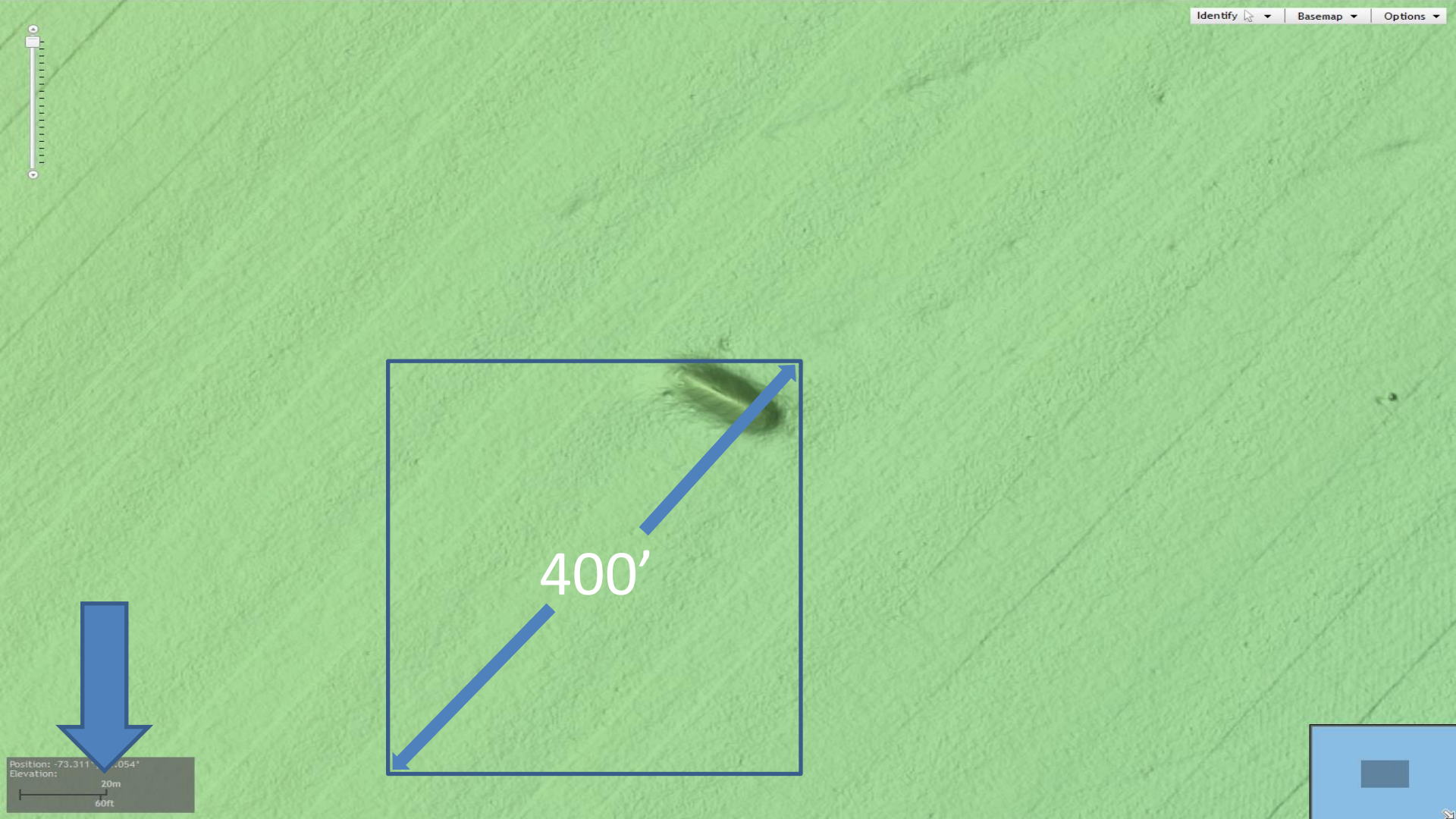

Position: -73.311°, 41.054°
Elevation: -17.3114 meters
20m
60ft
57’

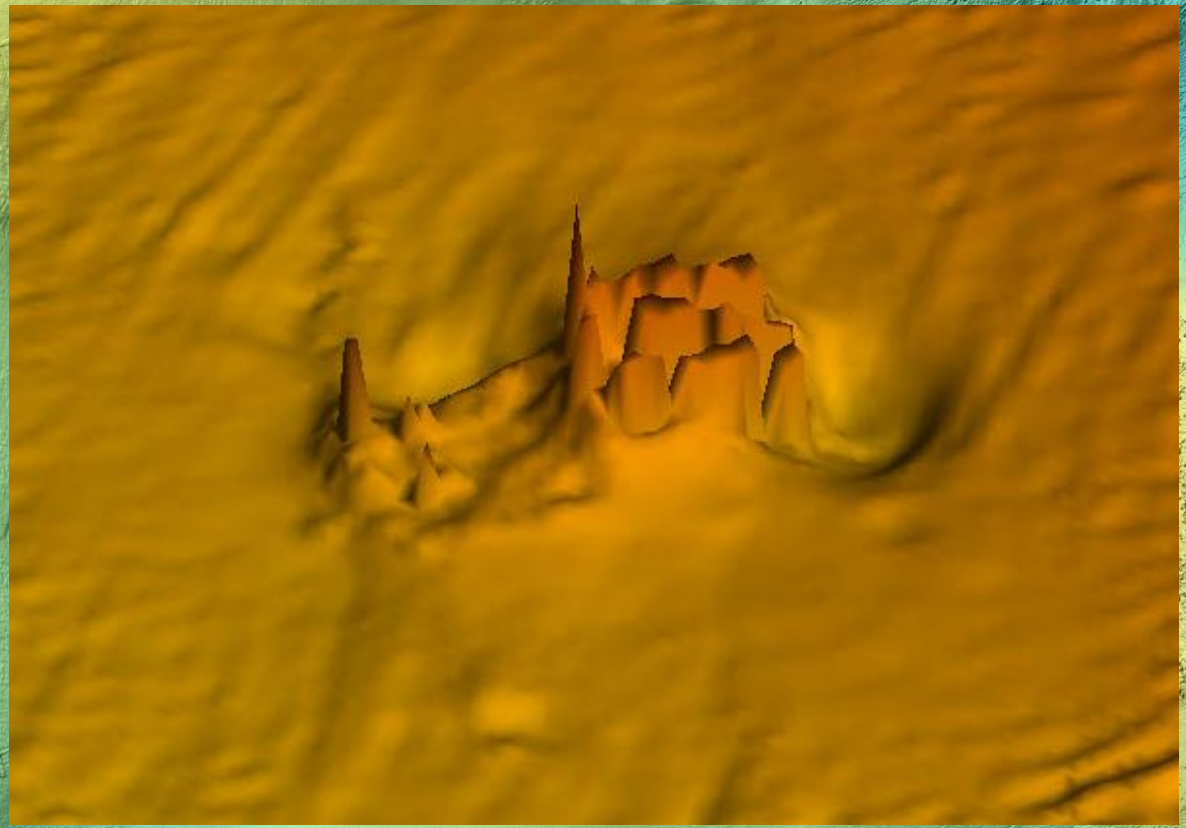
75’ Long

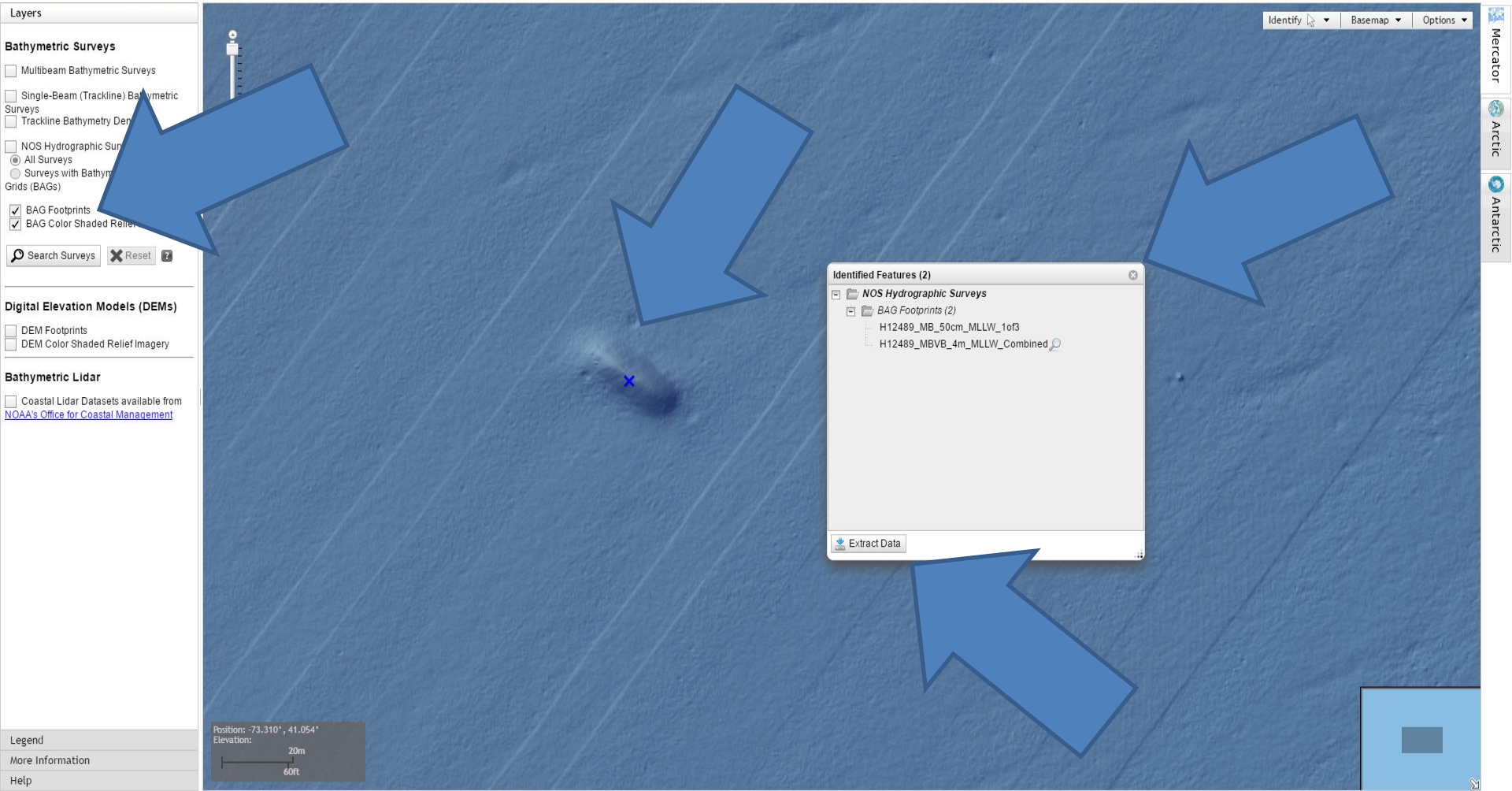

Identify
Basemap
Options
-73.311. 41.054
Position: -73.311°, 41.054°
Elevation:
20m
60ft


Identify
Basemap
Options
-73.310. 41.055
-73.311. 41.054
Position: -73.311°, 41.054°
Elevation:
20m
60ft


Identify
Basemap
Options
-73.310. 41.055
-73.311. 41.054
-73.312. 41.053
Position: -73.311°, 41.054°
Elevation:
20m
60ft


Identify
Basemap
Options
400’
Position: -73.311
.054’
Elevation:
20m
60ft




Layers
Bathymetric Surveys
Multibeam Bathymetric Surveys
Single-Beam (Trackline) Bathymetric Surveys
Trackline Bathymetry Den
NOS Hydrographic Sur
All Surveys
Surveys with Bathym
Grids (BAGs)
BAG Footprints
BAG Color Shaded Relief
Search Surveys
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Digital Elevation Models (DEMs)
DEM Footprints
DEM Color Shaded Relief Imagery
Bathymetric Lidar
Coastal Lidar Datasets available from NOAA's Office for Coastal Management
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More Information
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Basemap
Options
Mercator
Arctic
Antarctic
Identified Features (2)
NOS Hydrographic Surveys
BAG Footprints (2)
H12489_MB_50cm_MLLW_1of3
H12489_MBVB_4m_MLLW_Combined
Extract Data
Position: -73.310°, 41.054°
Elevation:
20m
60ft

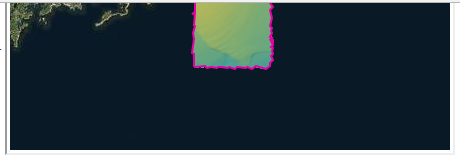
Bathymetric Data Viewer | Report for H12489

Secure | https://www.ngdc.noaa.gov/nos/H12001-H14000/H12489.html

These data are not to be used for navigation.
For navigation please refer to NOS Nautical Charts.

Downloads may take a long time, depending on file size and data transfer rates.

Download All Products for H12489



Visit the full NCEI Bathymetry Viewer.

Survey Products

[Expand All] | [Collapse All]

Descriptive Report and Metadata Documents

NOAA/NOS Descriptive Report

H12489_DR.pdf 3.45MB The document may be read using a free Adobe Reader.

NOAA/NOS ISO metadata record

H12489 View / Download H12489.xml — Usually presented as an XML document, which captures the basic characteristics of HSMDB metadata verified from H10000 (1982) to the present as well as F00200 (1965) to the present.

Bathymetry

Survey products may use different units, datums or projections than the associated survey. Please consult product-specific metadata for additional details.

Bathymetric Attributed Grid (BAG) Data

The BAG format is a gridded, multi-dimensional bathymetric ...le (see Open Navigation Surface).
Readable with various applications such as the free CAR.../iew, ESRI ArcGIS or open source GDAL. The BAGXYZ files are ascii representations of the BAG data in XYZ format, bi...

- H12489_MBVB_4m_MLLW_Combined.bag
- H12489_MB_50cm_MLLW_1of3.bag
- H12489_MB_2m_MLLW_2of3.bag
- H12489_VB_4m_MLLW_3of3.bag

NOAA/NOS Sounding Data

Download data from the Point Store database via NE... ...e from the survey Smooth Sheet or of similar density. Depths in meters. Please check the a... ...metadata to confirm the correct datums. The data file format is : SurveyID, Long, Lat, Depth.

H12489 XYZ format.

Images

Bottom Samples and Tide Documents

Project Documents and HVCR Reports

...etadata

[Expand All] | [Collapse All]

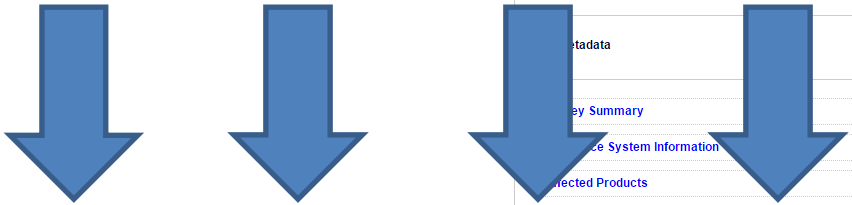
...ey Summary

...ce System Information

...rected Products

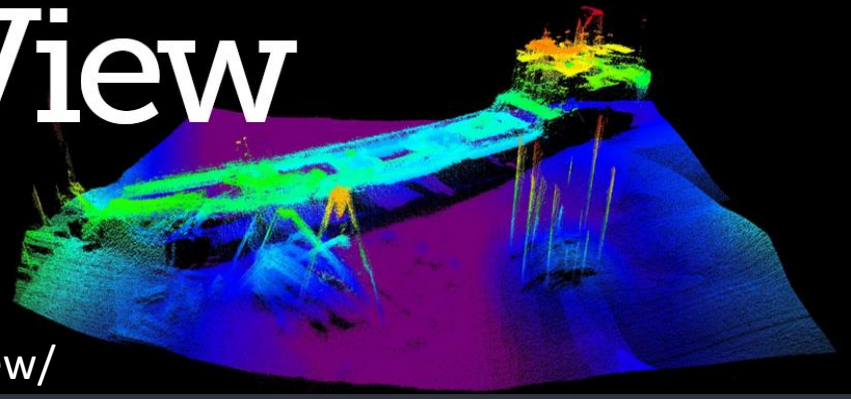
Survey Equipment

H12489_DR.pdf



H12489_MBVB_4....bag | H12489_VB_4m_M....b... | H12489_MB_2m_....bag | H12489_MB_50cm....bag 0.2/1.7 GB, 10 mins left | Show all

Caris Easy View



https://www.teledynecaris.com/en/products/easy-view/

Easy View New Features Download Technical Specifications

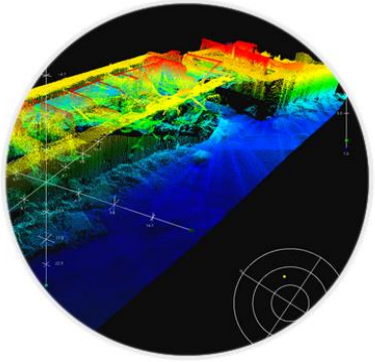
Free 2D/3D Spatial Data Viewer

View your spatial data using the free CARIS viewer. Easy View allows users to view spatial data from a wide range of file types without the need for specialized software.

Easy View gives users control of the data. Users can open and interact with any number of sources including DTMs, raster images and charts, point clouds, variable resolution surfaces and vector data sources such shapefiles and Electronic Nautical Charts (ENC). The order they are drawn can be adjusted, and the display parameters for each layer can be customized. Users can also make selections and query layers in both 2D and 3D for additional analysis of the data.

Using the 3D visualization engine, users can effectively inspect data from every angle using various visualization, surface draping and filtering techniques. While navigating through the data users can record fly-throughs and export the recordings as movie files.

With Easy View users can easily view, analyze and share their spatial data.



CARIS Easy View - [untitled.project]

File View Tools Select Window Help

Layers

Search Layers

H12489_MB_50cm_MLLW_1of3

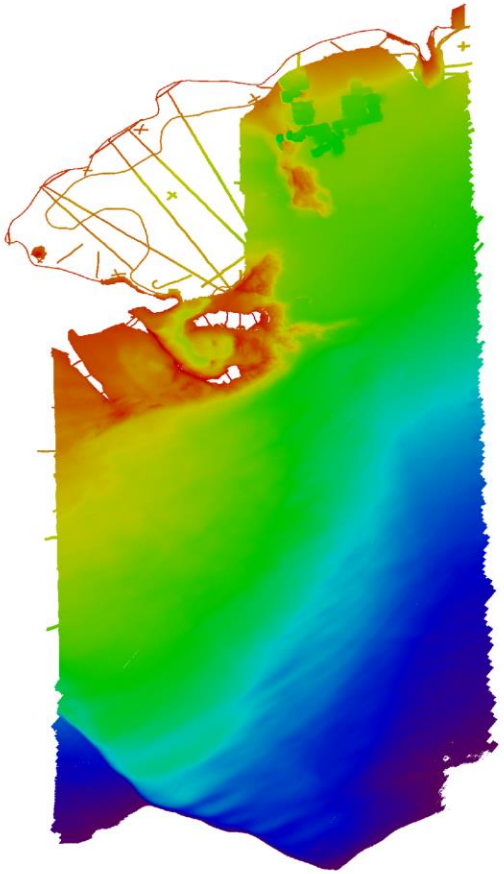
Project

Search Project Items

Untitled

Data Sources

H12489_MB_50cm_MLLW_1of3



Properties - Layers

Find a property

General

Display Filter <none>

Tooltip Bands (Z Band)

Display at Sc... Minimum 0

Maximum 2000000000

Colour

Colour

Colour By: Elevation

Colour Map: Rainbow [Map]

View Strings...

Data Range: Min: 3.1 ft

Max: 68.9 ft

Reset

Min: 3.1 Max: 68.9

Reverse

Hide

Transparency 0

Drape (None)

Surface

Display Surf...

Vertical Exag... 1.000000

45 Az, 45 Elev

Light Position

Points

Display Points

Properties - Layers Attributes - H12489_...

Draw the full geographic extent of all open data.

Selected: 0 UTM-18N-Nad83 + MLLW 1:48442 Planimetric 2113510.91 (ft) 14938494.61 (ft)

CARIS Easy View - [untitled.project]

File View Tools Select Window Help

Layers

Search Layers

H12489_MB_50cm_MLLW_1of3

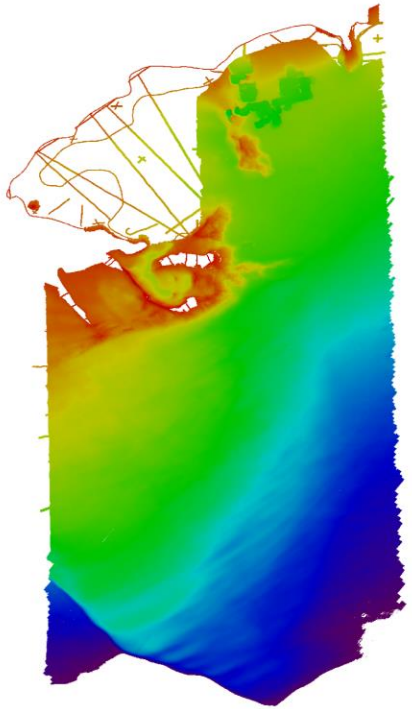
Project

Search Project Items

Untitled

Data Sources

H12489_MB_50cm_MLLW_1of3



Properties

Find a property

General

Display Filter <none>

Tooltip Bands (Z Band)

Display at Sc... Minimum 0

Maximum 2000000000

Colour

Colour

Colour By: Elevation

Colour Map: Rainbow [Map]

View Strings...

Data Range: Min: 3.1 ft Max: 68.9 ft Reset

Min: 3.1 Max: 68.9

Reverse

Hide

Transparency 0

Drape (None)

Surface

Display Surf...

Exag... 1.000000

tributes

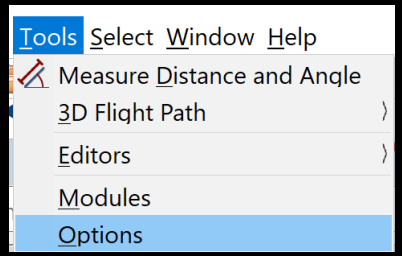
Selection

Area Source Name Feature Type

Output Selection

Reset the current layout to the installation default.

Selected: 0 UTM-18N-Nad83 + MLLW 1:59774 Planimetric 41-06.025344N 073-17.574860W



Options

Filter

- General
- Display
  - General
  - Colour Legend
  - Geographic Grid
  - Projected Grid
  - Scale Bar
  - VPF
  - 3D
  - Portrayal
  - Units
- Coverage
- Edit
- Files and Folders

General	
Initial Measurement Reference for Projected Display	Planimetric
Coordinate	
Initial Coordinate Type for Projected Display	Ground
Geographic Format	**Degrees Minutes [D-M]**
Geographic Precision	Degrees Minutes Seconds [D-M-S]
Ground Units	Degrees Minutes [D-M]
Ground Precision	Degrees [D]
Elevation	
Depth Units	**Imperial Feet**
Depth Precision	1
Height Units	**Imperial Feet**
Height Precision	2
Sounding Rounding	Truncated in metres and decimetres (30,30,T)
Angle	
Reference	North Azimuth
Format	Degrees Minutes Seconds [D-M-S]
Precision	2
Area	
Units	Square Metres
Precision	2
Volume	
Units	Cubic Metres
Precision	2
Distance	
Units	Metres
Precision	2

Geographic Format

Format for position values used when displaying geographic coordinates.

Reset All | OK | Cancel | Apply | Help


CARIS Easy View - [untitled.project]
File View Tools Select Window Help
Layers
Search Layers
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Search Project Items
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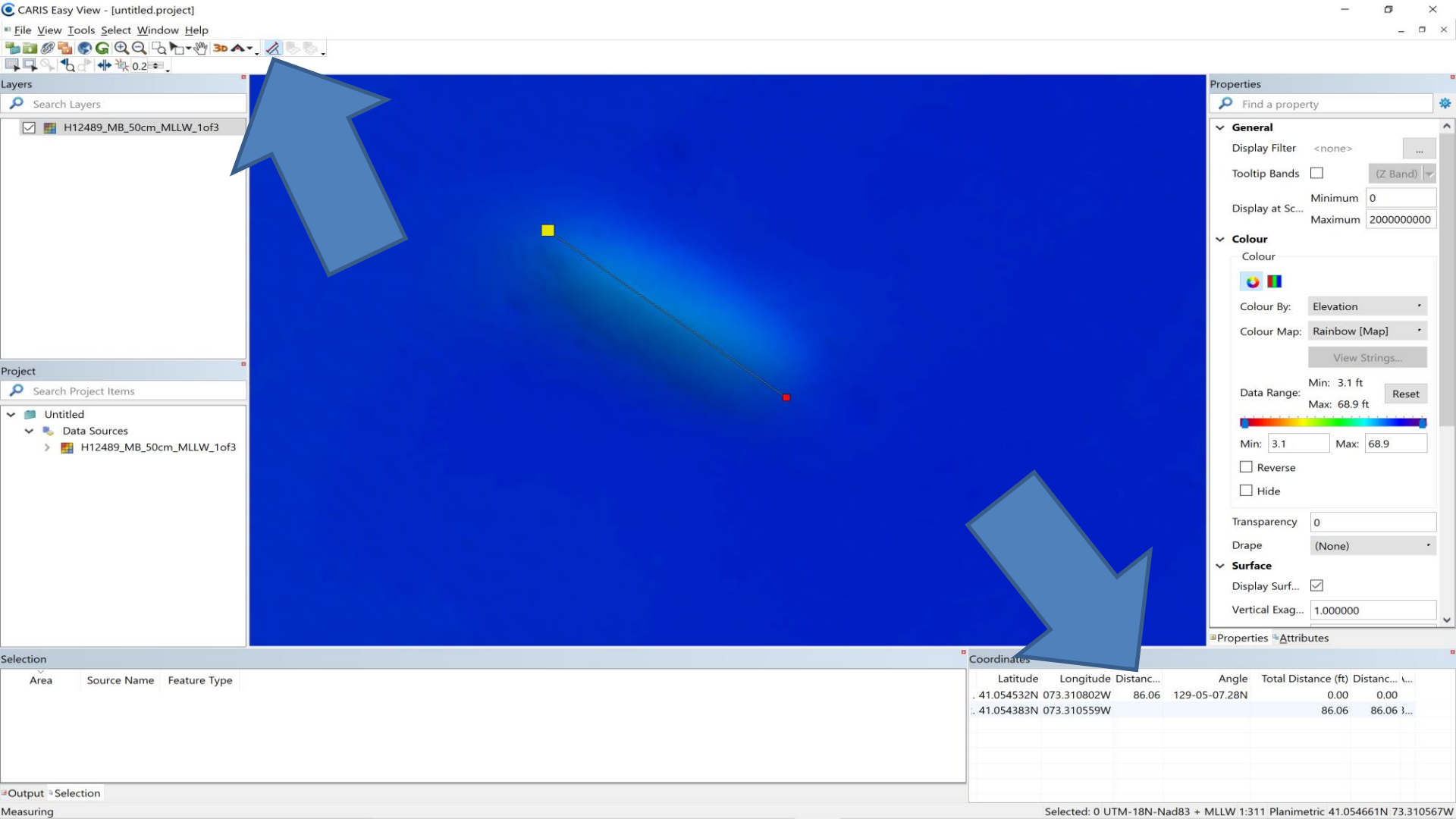
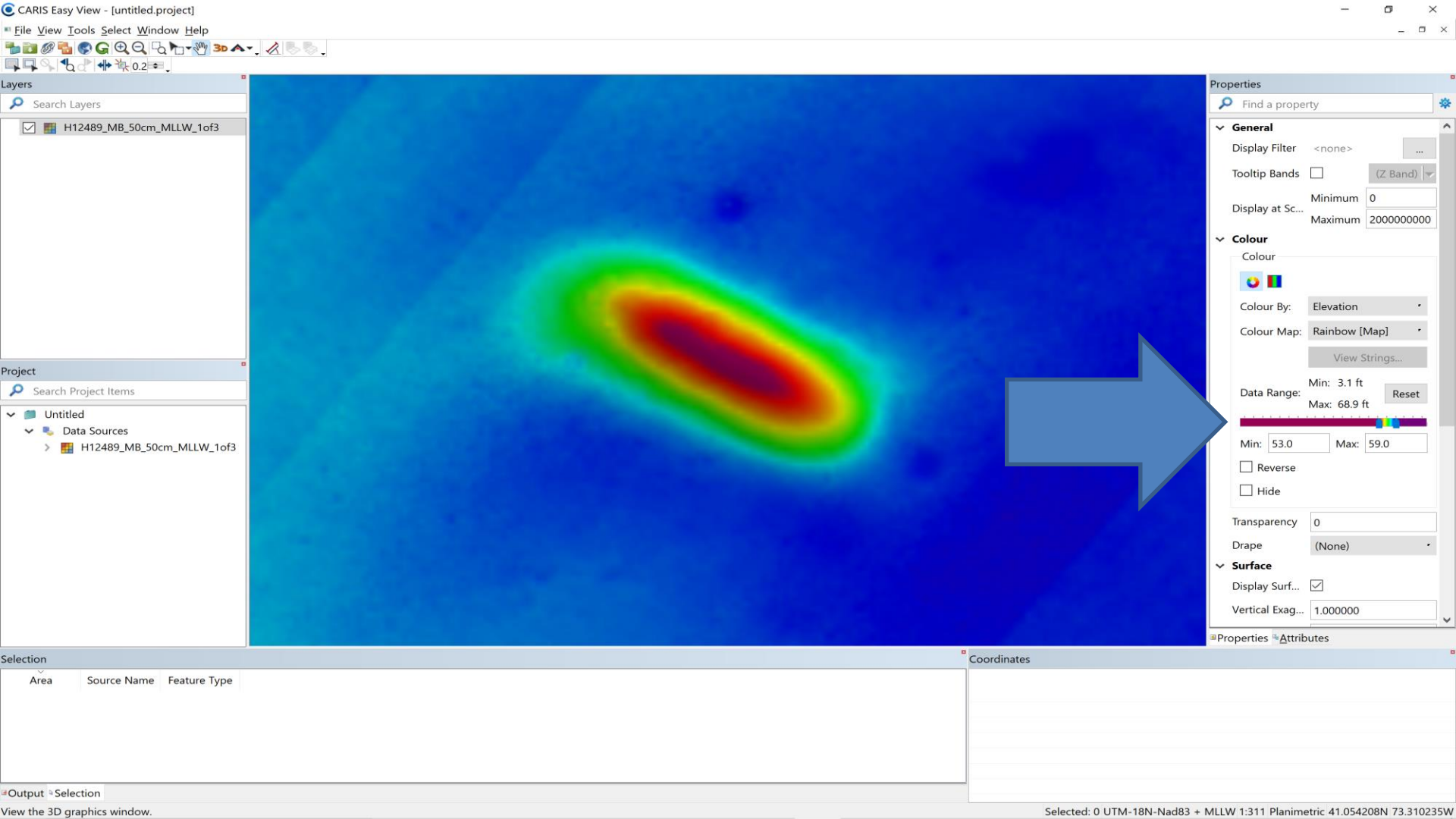
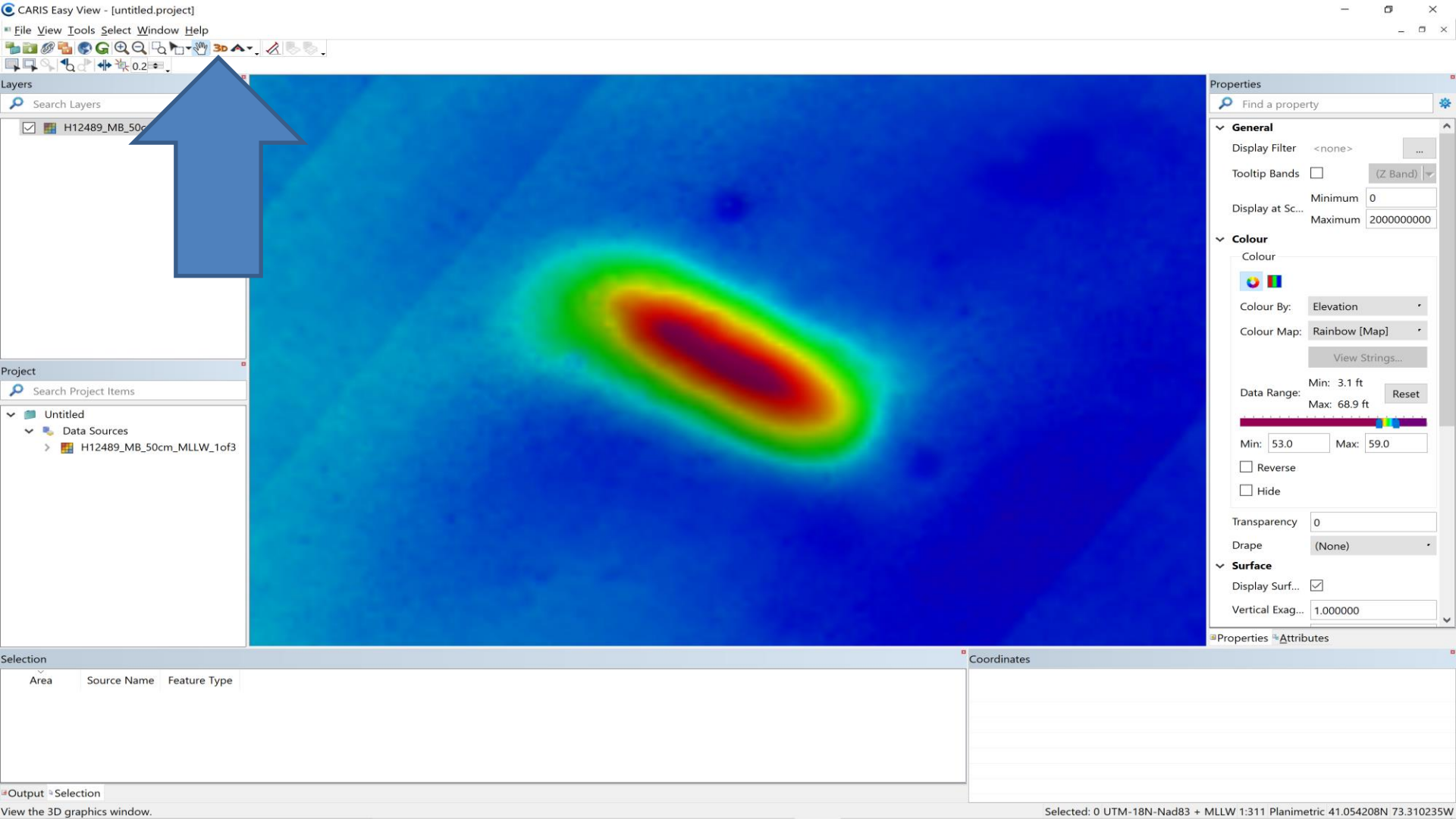
Data Sources
H12489_MB_50cm_MLLW_1of3
H12489_MB_50cm_MLLW_1of3
Elevation = 58.1 ft
H12489_MB_50cm_MLLW_1of3
Elevation = 52.8 ft
Properties
Find a property
General
Display Filter
<none>
Tooltip Bands
(Z Band)
Display at Sc...
Minimum
0
Maximum
2000000000
Colour
Colour
Colour By:
Elevation
Colour Map:
Rainbow [Map]
View Strings...
Data Range:
Min: 3.1 ft
Max: 68.9 ft
Reset
Min:
3.1
Max:
68.9
Reverse
Hide
Transparency
0
Drape
(None)
Surface
Exag...
1.000000
Precision
Selection
Area
Source Name
Feature Type
Output
Selection
Enable pan mode
Pan Mode
Pan Mode
Selected: 0 UTM-18N-Nad83 + MLLW 1:311 Planimetric 41.054566N 73.310395W


CARIS Easy View - [untitled.project]
File View Tools Select Window Help
Layers
Search Layers
H12489_MB_50cm_MLLW_1of3
Project
Search Project Items
Untitled
Data Sources
H12489_MB_50cm_MLLW_1of3
Properties
Find a property
General
Display Filter
<none>
Tooltip Bands
(Z Band)
Display at Sc...
Minimum
0
Maximum
2000000000
Colour
Colour
Colour By:
Elevation
Colour Map:
Rainbow [Map]
View Strings...
Data Range:
Min: 3.1 ft
Max: 68.9 ft
Reset
Min:
3.1
Max:
68.9
Reverse
Hide
Transparency
0
Drape
(None)
Surface
Display Surf...
Vertical Exag...
1.000000
Properties
Attributes
Selection
Area
Source Name
Feature Type
Coordinates
Latitude
Longitude
Distanc...
Angle
Total Distance (ft)
Distanc...
41.054532N
073.310802W
86.06
129-05-07.28N
0.00
0.00
41.054383N
073.310559W
86.06
86.06
Output
Selection
Measuring
Selected: 0 UTM-18N-Nad83 + MLLW 1:311 Planimetric 41.054661N 73.310567W


CARIS Easy View - [untitled.project]
File View Tools Select Window Help
Layers
Search Layers
H12489_MB_50cm_MLLW_1of3
Project
Search Project Items
Untitled
Data Sources
H12489_MB_50cm_MLLW_1of3
Properties
Find a property
General
Display Filter
<none>
Tooltip Bands
(Z Band)
Display at Sc...
Minimum
0
Maximum
2000000000
Colour
Colour
Colour By:
Elevation
Colour Map:
Rainbow [Map]
View Strings...
Data Range:
Min: 3.1 ft
Max: 68.9 ft
Reset
Min:
53.0
Max:
59.0
Reverse
Hide
Transparency
0
Drape
(None)
Surface
Display Surf...
Vertical Exag...
1.000000
Properties
Attributes
Selection
Area
Source Name
Feature Type
Coordinates
Output
Selection
View the 3D graphics window.
Selected: 0 UTM-18N-Nad83 + MLLW 1:311 Planimetric 41.054208N 73.310235W


CARIS Easy View - [untitled.project]
File View Tools Select Window Help
Layers
Search Layers
H12489_MB_50c
Project
Search Project Items
Untitled
Data Sources
H12489_MB_50cm_MLLW_1of3
Properties
Find a property
General
Display Filter
<none>
Tooltip Bands
(Z Band)
Display at Sc...
Minimum
0
Maximum
2000000000
Colour
Colour
Colour By:
Elevation
Colour Map:
Rainbow [Map]
View Strings...
Data Range:
Min: 3.1 ft
Max: 68.9 ft
Reset
Min:
53.0
Max:
59.0
Reverse
Hide
Transparency
0
Drape
(None)
Surface
Display Surf...
Vertical Exag...
1.000000
Properties
Attributes
Selection
Area
Source Name
Feature Type
Coordinates
Output
Selection
View the 3D graphics window.
Selected: 0 UTM-18N-Nad83 + MLLW 1:311 Planimetric 41.054208N 73.310235W

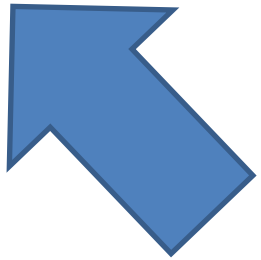
CARIS Easy View - [3D View]

File View Tools Select Window Help

Layers

Search Layers

H12489_MB_50cm_MLLW_1of3



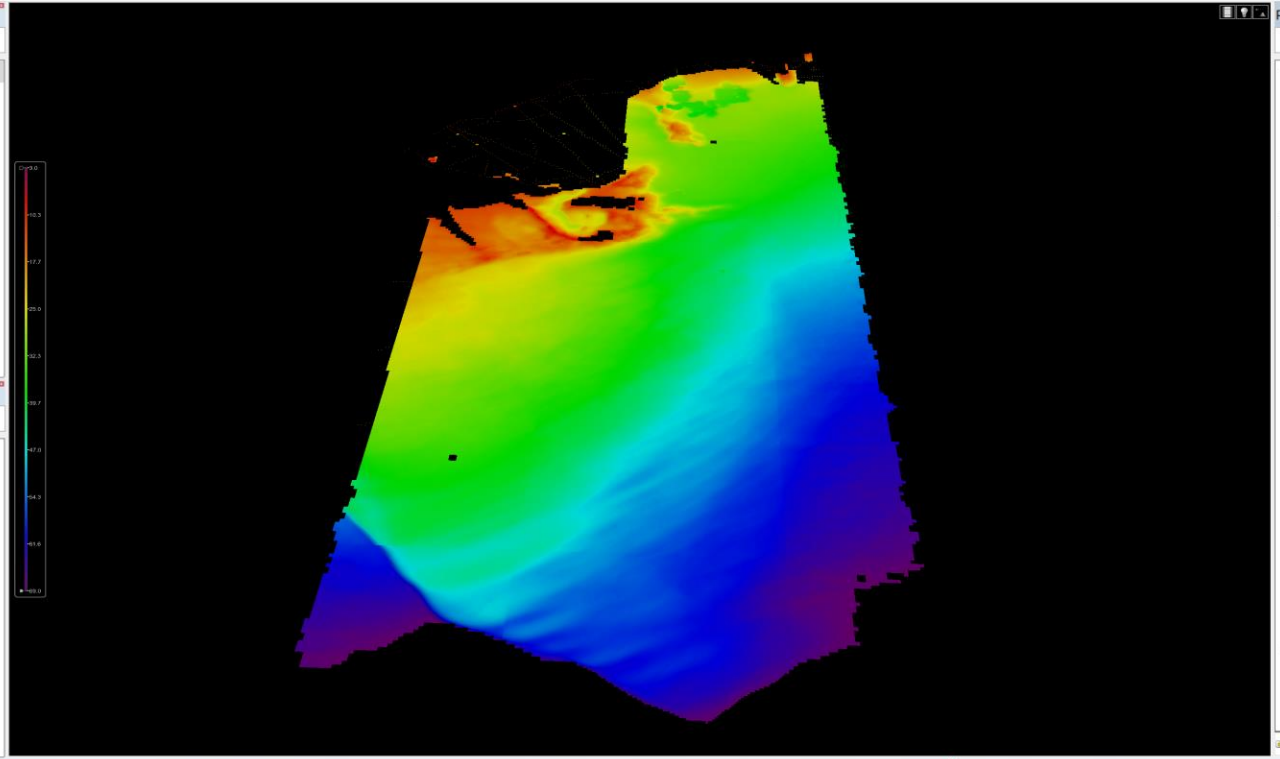
Project

Search Project Items

Untitled

Data Sources

H12489_MB_50cm_MLLW_1of3



Properties - Layers

Find a property

General

Display Filter <none>

Tooltip Bands (Z Band)

Display at Sc... Minimum 0

Maximum 2000000000

Colour

Colour

Colour By: Elevation

Colour Map: Rainbow [Map]

View Strings...

Data Range: Min: 3.1 ft

Max: 68.9 ft

Reset

Min: 3.1 Max: 68.9

Reverse

Hide

Transparency 0

Drape (None)

Surface

Display Surf...

Vertical Exag... 1.000000

Properties - Layers Attributes

Selection

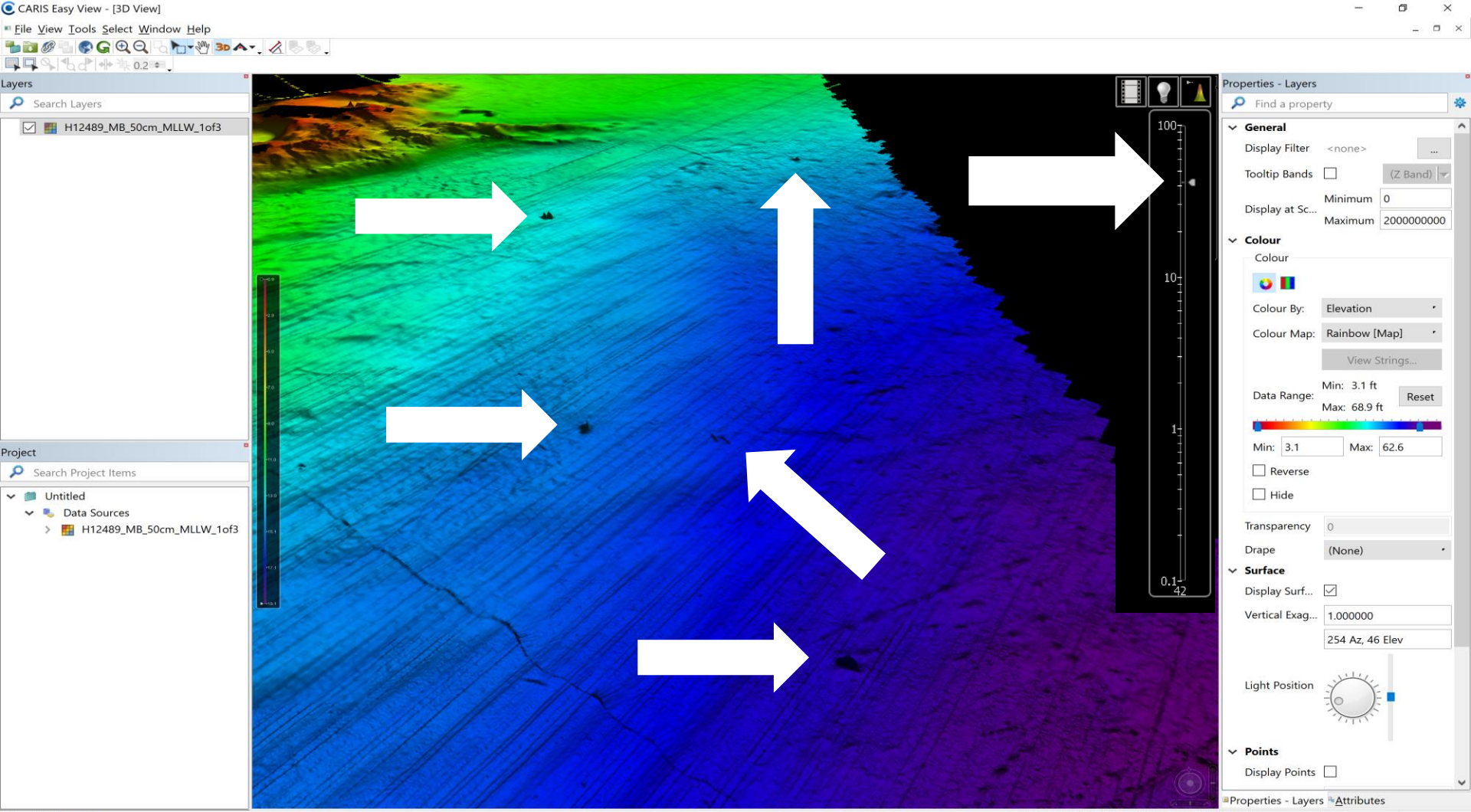
Area Source Name Feature Type

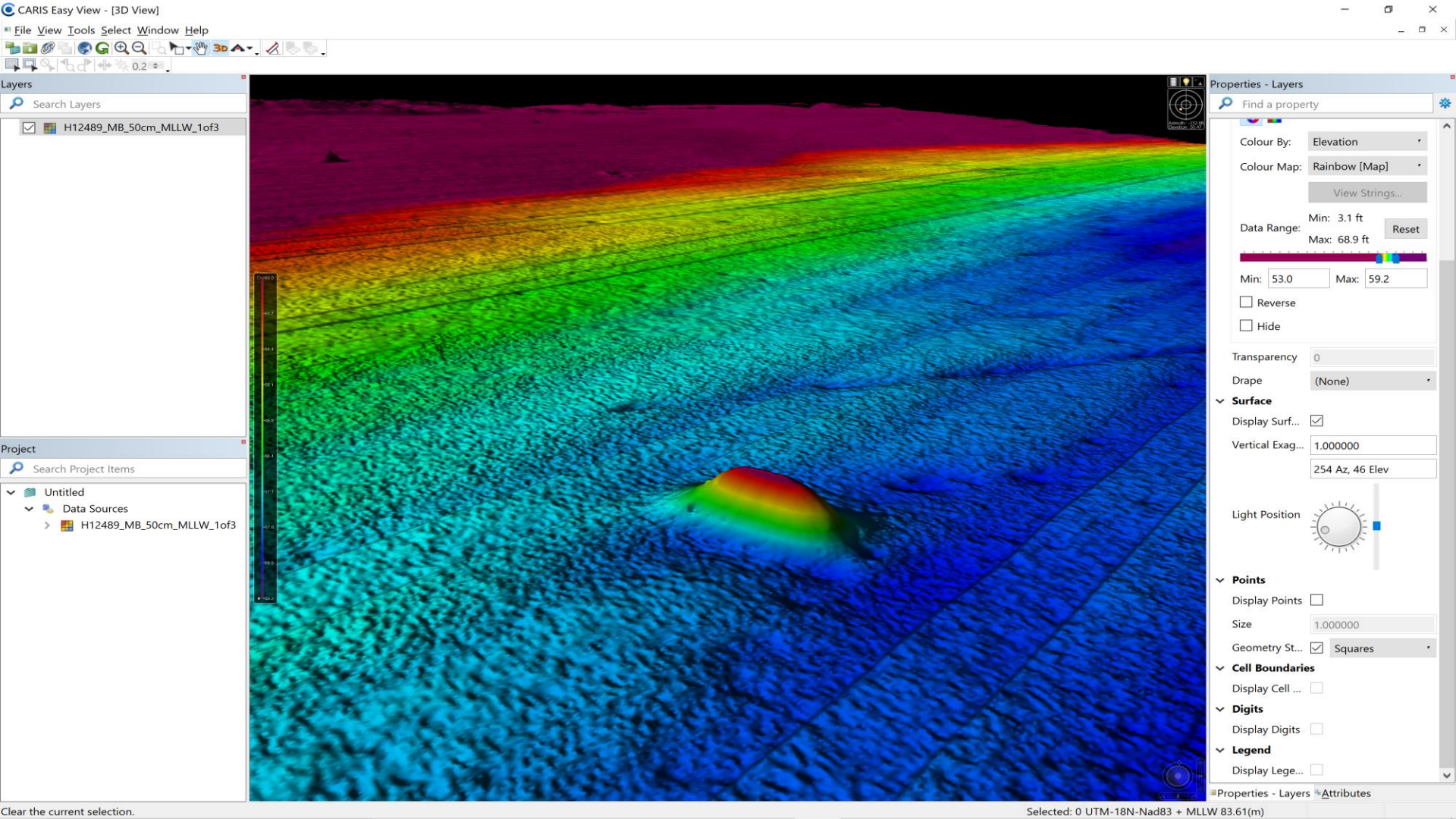
Coordinates

Output Selection

Enable pan mode Pan Mode Pan Mode

Selected: 0 UTM-18N-Nad83 + MLLW 23,130.59(m)


CARIS Easy View - [3D View]
File View Tools Select Window Help
Layers
Search Layers
H12489_MB_50cm_MLLW_1of3
Project
Search Project Items
Untitled
Data Sources
H12489_MB_50cm_MLLW_1of3
100
10
1
0.1
42
Properties - Layers
Find a property
General
Display Filter
<none>
Tooltip Bands
(Z Band)
Display at Sc...
Minimum
0
Maximum
2000000000
Colour
Colour
Colour By:
Elevation
Colour Map:
Rainbow [Map]
View Strings...
Data Range:
Min: 3.1 ft
Max: 68.9 ft
Reset
Min:
3.1
Max:
62.6
Reverse
Hide
Transparency
0
Drape
(None)
Surface
Display Surf...
Vertical Exag...
1.000000
254 Az, 46 Elev
Light Position
Points
Display Points
Properties - Layers
Attributes
Set application options
Selected: 0 UTM-18N-Nad83 + MLLW 3,447.97(m)


CARIS Easy View - [3D View]
File View Tools Select Window Help
Layers
Search Layers
H12489_MB_50cm_MLLW_1of3
Project
Search Project Items
Untitled
Data Sources
H12489_MB_50cm_MLLW_1of3
Properties - Layers
Find a property
Colour By: Elevation
Colour Map: Rainbow [Map]
View Strings...
Data Range: Min: 3.1 ft
Max: 68.9 ft
Reset
Min: 53.0
Max: 59.2
Reverse
Hide
Transparency 0
Drape (None)
Surface
Display Surf...
Vertical Exag... 1.000000
254 Az, 46 Elev
Light Position
Points
Display Points
Size 1.000000
Geometry St... Squares
Cell Boundaries
Display Cell ...
Digits
Display Digits
Legend
Display Lege...
Properties - Layers
Attributes
Clear the current selection.
Selected: 0 UTM-18N-Nad83 + MLLW 83.61(m)

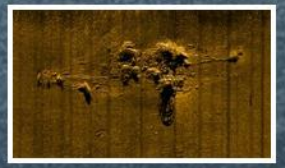
WHAT IS SOUND UNDERWATER SURVEY?

Sound Underwater Survey is a small group of friends who are interested in finding and exploring local shipwrecks and their history. A great deal of our own personal time and money is spent pursuing the elusive unknown wreck… more……

Baccala

NEWEST SONAR IMAGES

U-853



Larchmont

Suffolk

SS Volund

FEATURED MEDIA

Jennie R Dubois

East Hartford's Shipwrecked Schooner.

Fun on the Nauset Barge and Monomoy.

July 7, 2015

The following is an account of some excitement that the crew of the Baccala had on one of our annual week long dive trips to Cape Cod. The account describes an interesting end to a dive we made on the 703, a barge three miles off Nauset Beach, and the subsequent rounding of Monomoy Island… more

East Hartford's Shipwrecked Schooner.

January 25, 2015

John Stanford, Al Langer, Mark Samek, and I organized a trip to East Hartford on November 8th, 2014 to image a schooner that had recently come to our attention in the news, Police officer hoping to solve mystery of sunken schooner. After consulting the NOAA chart and Google Earth for the area the schooner was supposed to… more

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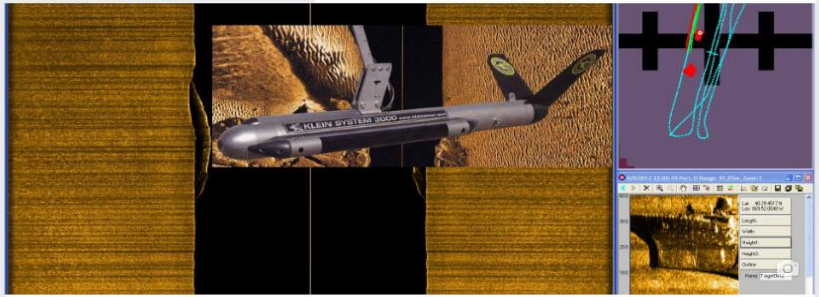
Manage Tabs
Promote



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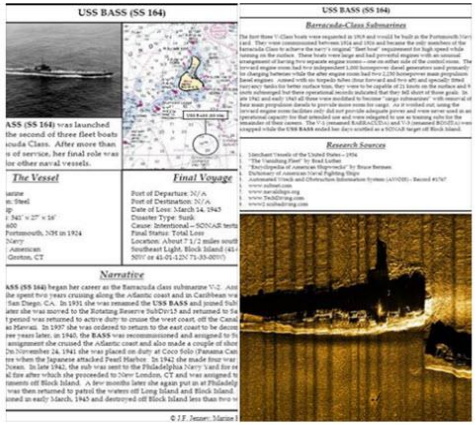
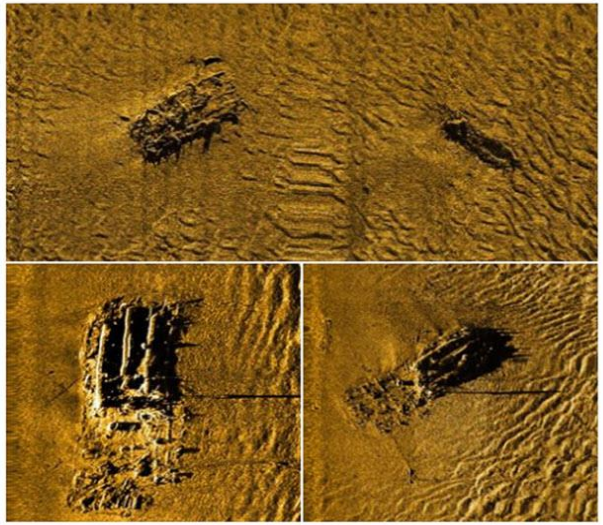
Sound Underwater Survey added 3 new photos.
December 18, 2016 at 4:26pm

USS Bass



Sound Underwater Survey added 3 new photos.
October 20, 2016

Over the past few years we've been investigating uncharted wrecks in the area West of North Dumpling in Fishers Island Sound. We'd known for a long time about four wrecks in this area and when NOAA "recently" found a fifth wreck we decided to look into what else might be there. We found and investigated another seven wrecks with two more wrecks on the list to ground truth. These are all scuttled wrecks, so not to exciting, but we like to take a first hand look and video do... See More



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