

Title	HABMAP Multi-beam Survey Coverage Areas
Alternative title(s)	Geoswath Survey Coverage Areas, HABMAP
Abstract	<p>Areas of fine-scale Bathymetric and relative acoustic Backscatter data produced using a mounted Geoswath 125KHZ Interferometric sidescan sonar system, by the HABMAP program. Data is collected using a pole mounting and are tide, sound velocity and motion corrected and are accurate to the sub-metre level (DGPS/POSMV). The HABMAP program, which was initiated to provide fine scale benthic habitat information for NSW State Waters, initiated surveys to provide a minimum of 5 x 5m bin scale bathymetric and backscatter layers for use in GIS applications. Multibeam data for each of the Survey Coverage Areas is downloadable from the Australian Oceanographic Data Network - https://portal.aodn.org.au/. Search for: NSW Office of Environment and Heritage (OEH) Multi-beam Bathymetry Surveys Additional information available at https://catalogue-imos.aodn.org.au/geonetwork/srv/eng/metadata.show?uuid=60160b01-8ffc-45ce-a6f4-ee70ce391ec6</p>
Resource locator	
Data Quality Statement	<p>Name: Data Quality Statement</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Description:</p> <p>NSW Government standards direct that data should be made available with a statement regarding its quality, a so-called "Data Quality statement (DQS)", to enable potential users to determine whether the data is suitable for their requirements.</p> <p>Function: download</p>
NSW Multibeam Surveys Coverage shapefile	<p>Name: NSW Multibeam Surveys Coverage shapefile</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Description:</p> <p>The spatial data (SHAPE file) describing the coverage of all NSW OEH multibeam surveys since the HABMAP programs inception in 2005 to Feb 2018</p> <p>Function: download</p>
AODN Data Portal - HABMAP Multi-beam Survey Coverage Area Data	<p>Name: AODN Data Portal - HABMAP Multi-beam Survey Coverage Area Data</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Description:</p> <p>Multibeam data for each of the Survey Coverage Areas is downloadable from the Australian Oceanographic Data Network - https://portal.aodn.org.au/. Search for: NSW Office of Environment and Heritage (OEH) Multi-beam Bathymetry Surveys Additional information available at https://catalogue-imos.aodn.org.au/geonetwork/srv/eng/metadata.show?uuid=60160b01-8ffc-45ce-a6f4-ee70ce391ec6</p> <p>Function: download</p>
Unique resource identifier	
Code	fdde5797-2509-498e-a789-7a125f15ce1e
Presentation form	Map digital
Edition	20180130
Dataset language	English

Metadata standard

Name ISO 19115

Edition 2016

Dataset URI <https://datasets.seed.nsw.gov.au/dataset/fdde5797-2509-498e-a789-7a125f15ce1e>

Purpose This dataset illustrates the specific spatial coverage of the Multibeam Geoswath Survey areas, a key component of the HABMAP Program, acquiring high resolution bathymetric data used in Marine Habitat Mapping in NSW Coastal Waters

Status On going

Spatial representation

Type vector

Geometric Object Type complex

Geometric Object Count 103

Spatial reference system

Code identifying the spatial reference system 4283

Spatial resolution 5 m

Additional information source Initiated at the beginning of the HABMAP program and is ongoing.

Topic category**Keyword set**

keyword value MARINE
ECOLOGY Habitat
MARINE Reefs
OCEANOGRAPHY Physical
BATHYMETRY
MARINE Surveys
MARINE Mapping
MARINE Classification

Originating controlled vocabulary

Title ANZLIC Search Words

Reference date 2008-05-16

Geographic location

West bounding longitude 149

East bounding longitude	154
North bounding latitude	-38
South bounding latitude	-28
NSW Place Name	NSW Coastal Waters
Vertical extent information	
Minimum value	-100
Maximum value	2228
Coordinate reference system	
Authority code	urn:ogc:def:cs:EPSG::
Code identifying the coordinate reference system	5711
Temporal extent	
Begin position	2005-01-01
End position	N/A
Dataset reference date	
Resource maintenance	
Maintenance and update frequency	As needed
Contact info	
Contact position	Data Broker
Organisation name	NSW Department of Climate Change, Energy, the Environment and Water
Telephone number	131555
Email address	data.broker@environment.nsw.gov.au
Web address	https://www.nsw.gov.au/departments-and-agencies/dcceew
Responsible party role	pointOfContact
Lineage	<p>The dataset is updated with regular frequency to include newly surveyed areas. It has been updating since 2005 when the initial surveys were undertaken. The bathymetry and acoustic backscatter data that was collected within the coverage areas within this dataset are available through various channels (AODN website and IAR register - Register ID is TBC) Multibeam data for each of the Survey Coverage Areas is downloadable from the Australian Oceanographic Data Network - https://portal.aodn.org.au/. Search for: NSW Office of Environment and Heritage (OEH) Multi-beam Bathymetry Surveys Additional information available at https://catalogue-imos.aodn.org.au/geonetwork/srv/eng/metadata.show?uuid=60160b01-8ffc-45ce-a6f4-ee70ce391ec6</p>
Limitations on public access	

Scope	dataset
DQ Completeness Commission	
Effective date	2017-05-23
Explanation	Additional Data Areas do not exist in the dataset
DQ Completeness Omission	
Effective date	2017-05-23
Explanation	At the time of metadata revision, this dataset highlights all areas of fine-scale bathymetric and relative acoustic backscatter data acquired by OEH for the HABMAP program, in and around NSW Coastal and State Waters.
DQ Conceptual Consistency	
Effective date	2017-05-23
Explanation	As the dataset reflects geographical Areas that are either inside or outside the data layer, conceptual consistency is complete.
DQ Topological Consistency	
Effective date	2017-05-23
Explanation	Topological consistency and correct feature geometry have been positively assessed using the ArcGIS for Desktop - Repair Geometry functionality to ensure adequacy.
DQ Absolute External Positional Accuracy	
Effective date	2017-05-23
Explanation	Survey data acquired before January 2010 (POSMV Wavemaster installation) have a horizontal precision equivalent to that of the DGPS positional equipment used at the time of the survey that is generally better than 5m. After the addition of the POSMV Wavemaster, horizontal precision was increased to be better than +/- 0.1 m
DQ Non Quantitative Attribute Correctness	
Effective date	2017-05-23
Explanation	As survey absence or presence is detailed the attribute accuracy is assessed at 100%
Responsible party	
Contact position	Data Broker
Organisation name	NSW Department of Climate Change, Energy, the Environment and Water
Telephone number	131555
Email address	data.broker@environment.nsw.gov.au
Web address	https://www.nsw.gov.au/departments-and-agencies/dcceew
Responsible party role	pointOfContact

Metadata point of contact

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Metadata date 2024-02-26T12:58:48.516507

Metadata language