



OCS MAPPING INITIATIVE

The Multipurpose Marine Cadastre



<http://www.mms.gov/offshore/mapping/>

The Minerals Management Service

(MMS) in cooperation with Federal and State partners has created an innovative Outer Continental Shelf (OCS) geospatial data viewer intended to comply with Section 388 of the Energy Policy Act of 2005.

Section 388 -- *Alternative Energy-Related Uses on the Outer Continental Shelf*, of the Energy Policy Act of 2005 (Pub. L. 109-58) provided MMS new authority to regulate renewable energy uses on the OCS. Moreover, **it directed the Secretary of the Interior, in cooperation with the Secretary of Commerce, the Commandant of the Coast Guard, and the Secretary of Defense, to establish an OCS Mapping Initiative to assist in decision making related to renewable energy uses on the OCS.** In response the MMS, in cooperation with NOAA and other federal agencies has developed the Multipurpose Marine Cadastre (MMC) which allows DOI managers and technical staffs, as well as other Federal agencies; coastal States; local, territorial, and tribal governments; private industry; and the academic community, to directly access information and resources necessary to promote and conduct good ocean governance.

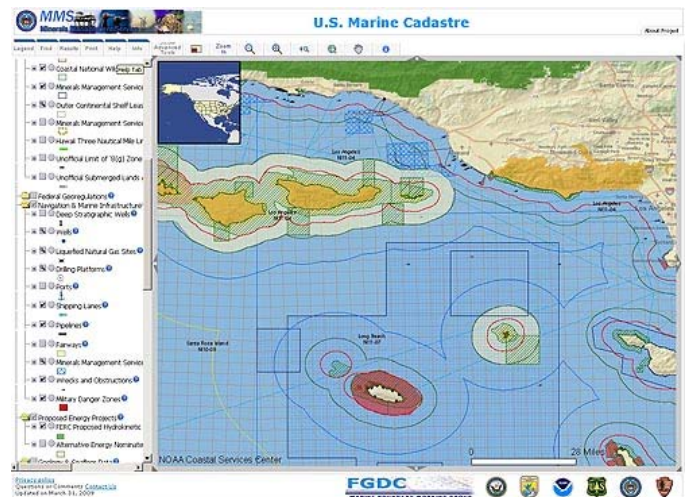
The MMC contains information regarding the location of OCS Federally-permitted activities; obstructions to navigation; offshore aquaculture projects; and any area designated for the purpose of safety, national security, environmental protection, or conservation and management of living marine resources. It is constantly evolving and growing to include any spatial data relevant to OCS energy and mineral siting decisions such as whale migration paths, benthic communities, or environmental information.

The MMC is an integrated submerged lands spatial information system consisting of legal, e.g., real property/cadastre, physical, and cultural information in a common reference framework. It is an ambitious, multiyear endeavor that continues to require joint planning, interaction, and commitment by all interested OCS stakeholders working through public and private partnerships.

Official data associated with the themes identified on the reverse of this page come directly from the Agency of Responsibility (AOR). All data within the MMC conforms to existing data standards and contain supporting metadata. AORs are responsible

for ensuring that their data are accurate and up-to-date.

The MMC was created and is continuously updated by MMS and its partners. It evolves according to the ideas and needs originating from open communications between all stakeholders. Version 1.0 is available online now. An enhanced tools and information based version is expected to be available in 2010. MMS continues to work with current and new partners through meetings and workshops to expand the user community and data offerings available through the MMC and web data portal.



Current Partnerships

- NOAA – Coastal Services Center
- NOAA Fisheries
- NOAA Office of Marine Sanctuaries
- NOAA Office of Coast Survey
- U.S. Fish and Wildlife Service
- National Park Service
- The Nature Conservancy
- California Coastal Conservancy

Partnership Opportunities

- Department of Defense
- Coast Guard
- Federal Energy Regulatory Commission
- USGS
- Massachusetts CZM
- Rhode Island CRMC
- Department of Energy
- South Carolina OCRM
- Northeast Regional Ocean Council
- Other States

Currently the MMC includes the following data themes:

Core Cadastre Data Themes

Shoreline
OCSLA - Submerged Lands Act
OSSLA - Limit of '8(g) Zone'
Territorial Sea
Contiguous Zone
Exclusive Economic Zone
MMS Protraction Diagrams and Leasing Maps
Outer Continental Shelf Lease Blocks
Administrative Boundaries (MMS)
NOAA's National Marine Sanctuaries
NOAA's Estuarine Research Reserves
Coastal National Park Service Lands and Waters
Coastal Fish and Wildlife Service National Wildlife Refuges
Coastal National Forests
Coastal Indian Lands

Federal Legislative Boundaries

Clean Water Act
Coastal Zone Management Act
Endangered Species Act
Marine Mammal Protection Act
Magnuson-Stevens Fishery Conservation Act & Management
National Environmental Policy Act
Outer Continental Shelf Lands Act
Submerged Lands Act

Navigation and Marine Infrastructure

Wells
Liquid Natural Gas Sites
Drilling Platforms
Pipelines
MMS – Active Leases
Ports
Shipping Lanes and Fairways
Wrecks and Obstructions
Military Danger Zones
Coastal Antenna Structures

Proposed Energy Projects

Selected data sets as available

Geology and Seafloor Data

Selected Bathymetric Contours
Sand & Gravel Borrow Areas

Marine Habitat and Biodiversity

Selected data sets as available or appropriate

Base maps

Shoreline
Cities
Undersea features
NOAA Raster Nautical Charts
MGDS Global Multi-resolution Topography
Other Data Themes as appropriate

Most are downloadable from –

http://www.csc.noaa.gov/mbwg/hm/boundary_summary2.htm

The successful development, implementation, and maintenance of the Multipurpose Marine Cadastre is contingent on our ability and willingness to proactively approach and resolve issues, to develop effective meaningful partnerships, to share information, and maintain open communications.

LINKS:

<http://www.mms.gov/ld/PDFs/MappingInitiative.pdf> - Multipurpose Marine Cadastre implementation plan.

<http://geodata.gov> – your one stop for finding and using geographic data.

http://www.mms.gov/offshore/PDFs/hr6_textconfrept.pdf: - The Energy Policy Act of 2005

http://www.whitehouse.gov/omb/circulars/a016/a016_rev.html - OMB Circular A-16 regarding coordination of geographic information and related spatial data activities.

<http://ocean.ceq.gov/welcome.html> - The Committee on Ocean Policy coordinates the activities of executive branch departments and agencies regarding ocean-related matters.

<http://www.csc.noaa.gov/mbwg> - FGDC Marine Boundary Working Group web site and data portal.

<http://www.csc.noaa.gov/mcsd> - FGDC Marine & Coastal Spatial Data Subcommittee.

<http://www.fgdc.gov> – The Federal Geographic Data Committee.

<http://www.oceanservice.noaa.gov/dataexplorer/datasites/welcome.html> - NOAA, NOS Data Explorer.

<http://www.csc.noaa.gov/legislativeatlas/> - The Legislative Atlas supports regional ocean and coastal management efforts by mapping key state and federal laws and jurisdictions.

<http://www.mms.gov/ld/maps.htm> - MMS maps and GIS data.

<http://ocsenergy.anl.gov/index.cfm> - the online center for public information and involvement in the OCS Renewable Energy and Alternative Use Programmatic Environmental Impact Statement.

<http://www.mms.gov/offshore/RenewableEnergy/index.htm>- information on the MMS renewable energy and alternative use programs.

<http://www.openoceans.org> – improving collaborations on ocean investigations.

For more information - contact:

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