

Bureau of Ocean Energy Management, Office of Renewable Energy Programs Table of Acronyms

ACHP	Advisory Council on Historic Preservation
ADCP	Acoustic Doppler Current Profiler
AIS	Automatic Identification Systems. This system can encompass ship to ship and ship to shore vessel identification. Signal receivers can be ship-based, shore-based, or satellite-based.
Area ID	Area Identification. This is the step in BOEM's competitive leasing process that identifies a wind energy area for a potential lease sale.
ASMFC	Atlantic States Marine Fisheries Commission
BOEM	Bureau of Ocean Energy Management
BSEE	Bureau of Safety and Environmental Enforcement
Call	Call for Information and Nominations. This is the stage where BOEM requests developer nominations and general information regarding a potential wind energy area.
CD	Consistency Determination. This is a requirement under the Coastal Zone Management Act.
CEQ	Council on Environmental Quality
CFR	Code of Federal Regulations
CHIRP	Compressed High Intensity Radar Pulse. This is a type of shallow penetration sub-bottom profiler.
CODAR	Coastal Ocean Dynamic Applications Radar
COLOS	Coastal Oceanographic Line-of-Sight
COP	Construction and Operation Plan. This is a plan that is submitted to BOEM by a lessee for construction and operation of a commercial renewable energy facility.
CPT	cone penetrometer test
dB	decibels
dB _{peak}	peak sound pressure
DP	ducted propeller
DPS	distinct population segments
EA	Environmental Assessment
EFH	Essential Fish Habitat
EIS	Environmental Impact Statement
EO	Executive Order
FLiDAR	floating LiDAR [light detection and ranging]. This is becoming a popular choice by developers for assessing offshore wind potential in lieu of building a meteorological tower.
FR	<i>Federal Register</i>
G&G	Geological and Geophysical. Types of surveys necessary to support construction and operations plans.
GAP	General Activities Plan. This is the type of plan that is generally submitted to support non-energy producing activity. The most common use is for power export cable routes.
HAPC	Habitat Areas of Particular Concern
HRG	High-resolution Geophysical. This is a type of geophysical survey that generally includes surficial seafloor properties through medium sub-bottom properties.

Hz	hertz
kHz	kilohertz
kJ	kilojoules
LiDAR	Light Detection and Ranging. In the offshore renewable energy context it is a type of instrument used to detect wind speeds.
MARAD	U.S. Maritime Administration
MARPOL	International Convention for the Prevention of Pollution from Ships
MBTA	Migratory Bird Treaty Act
MMPA	Marine Mammal Protection Act
MMS	Minerals Management Service. Former agency of BOEM and BSEE.
NAAQS	National Ambient Air Quality Standards
NEFSC	Northeast Fisheries Science Center
NEPA	National Environmental Policy Act
NHPA	National Historic Preservation Act
NCCOS	National Centers for Coastal Ocean Science
nm	nautical miles
NMFS	National Marine Fisheries Service
NOAA	National Oceanic and Atmospheric Administration
NOI	Notice of Intent. This is the type of notice that BOEM publishes in the <i>Federal Register</i> prior to beginning work on an environmental assessment pursuant to the National Environmental Policy Act.
NOMAD	Naval Oceanographic and Meteorological Automated Device. Type of buoy design often used offshore to collect oceanographic and meteorological data.
NOS	National Ocean Service
NPS	National Park Service
NRHP	National Register of Historic Places
NWP	Nationwide Permit. This is a type of permit that is issued by the U.S. Army Corps of Engineers.
OCS	Outer Continental Shelf. This term most often refers to the federally managed portion of the continental shelf. On the Atlantic coast this area is generally 3-200 miles from shore.
OCSLA	Outer Continental Shelf Lands Act. This is statute that authorizes BOEM activities. This was amended by the Energy Policy Act of 2005 to include alternative uses of the OCS, including offshore renewable energy.
OPAREA	Military Operating Area. U.S. Navy operation areas.
OREP	Office of Renewable Energy Programs. This the BOEM office based in Sterling, Virginia that manages BOEM leasing activities on the Atlantic OCS.
PATON	Private Aids to Navigation
PEIS	Programmatic Environmental Impact Statement. This is a type of NEPA document.
PSO	Protected Species Observer
PTS	Permanent Threshold Shift. This is a measurement of trauma to animals from exposure to noise.
RFI	Request for Interest. This is one of the first steps BOEM can take in asking the public and potential developers about interest in a particular area for future offshore energy development. This step, if taken, would occur prior to a Call for Information and Nominations.
RMS	root mean square
ROV	remotely operated underwater vehicle

SAP	Site Assessment Plan. This is the type of plan that a lessee must submit for installing a meteorological tower or buoy on a leased area. This generally occurs within the first year of lease issuance.
SEL	sound exposure level
SEL _{cum}	cumulative sound exposure level
SHPO	State Historic Preservation Office
SMA	Seasonal Management Area. This is a protective measure for North Atlantic right whales.
SOC	Standard Operating Condition. These are the conditions BOEM places on leases and plans for primarily cultural and natural resource protection.
SODAR	Sonic Detection and Ranging
SPL	Sound Pressure Level
SPUE	Sightings Per Unit of Effort
Task Force	BOEM's Intergovernmental Renewable Energy Task Force
TSS	Traffic Separation Scheme
TTS	Temporary Threshold Shift
USACE	U.S. Army Corps of Engineers
U.S.C.	U.S. Code
USCG	U.S. Coast Guard
USDOJ	U.S. Department of the Interior
USFWS	U.S. Fish and Wildlife Service
VMS	Vessel Monitoring System. A satellite-based system used by the National Marine Fisheries Service for monitoring fishery regulatory compliance.
WEA	Wind Energy Area