



It Starts With Us!

NAVAL OCEANOGRAPHY

ESTABLISHED IN 1830

Headquartered at
Stennis Space Center,
Mississippi



Key member of the Information Warfare community & Fleet Forces

LOCATIONS AROUND THE WORLD 60

14 SUBORDINATE COMMANDS



1300+ Military | 1200+ Civilians

CTG 80.7 Command Center:

Provides the Fleet a singular, authoritative source of current and predictive environmental information and data to enhance decision superiority

A Leader in Unmanned Systems:

More than 20+ years of experience; Fleet of 180+ unmanned systems; 24/7 Glider Operations Center

Global Modeling Experts:

Global, regional and coastal environmental predictions; 24/7 high performance computing center

6 OCEANOGRAPHIC SURVEY VESSELS

Surveying the world's oceans for 75 years;
Forward-deployed 24/7/365

"From the depths to the stars..."

Naval Oceanographic Office

Operates Oceanographic Survey Vessels and unmanned, underwater vehicles, and applies oceanographic and acoustic knowledge to increase decision superiority in the ocean.

Naval Oceanography Operations Command

Applies environmental knowledge and information in anti-submarine warfare, mine warfare and special warfare to ensure safe and effective fleet operations. It operates the Anti-Submarine Warfare Reachback Cell providing 24/7 ocean and acoustic products that exploit environmental conditions.

Fleet Weather Centers: Norfolk & San Diego

Develop enroute and operational area forecasts, optimum track ship routing and tactical decision aids to ensure fleet safety. They deploy certified teams who apply meteorology and oceanography to deliver warfighting advantage and increase decision superiority for afloat forces.

Fleet Numerical Meteorology & Oceanography Center

Operates a 24/7 high performance computing center at all classifications to run oceanography and meteorology global, regional and coastal models, and develop climatology products to provide predictive advantage.

U.S. Naval Observatory

Develops and provides the Department of Defense's authoritative source for precise time and the positions and motion of celestial bodies including Earth.

Naval Meteorology & Oceanography Command
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navy.mil/local/CNMOC

MISSION

Define and apply the physical environment, from the bottom of the ocean to the stars, to ensure that the U.S. Navy has the freedom of action to deter aggression, maintain freedom of the seas and win wars.

VISION

The Department of Defense's authoritative source for characterization, and applying data of the physical battlespace into winning decisions.

PRIORITY #1: *People*

Naval Oceanography consists of a ready Force of well-qualified, well-educated and deliberately trained Sailors, civilians and contractors serving in a wide-range of operational, technical/scientific and service support billets around the globe.

OBJECTIVES:

- 1.1 : Develop Force readiness for the future
- 1.2 : Recruit talent
- 1.3 : Retain our best personnel



PRIORITY #2: *Capability*

Naval Oceanography provides the fleet with a dynamic, four-dimensional physical battlespace operating picture, incorporating a vast collection of environmental data into physics-based, numerical weather and ocean prediction systems, development and dissemination of precise time star catalog and Earth orientation information.

OBJECTIVES:

- 2.1 : Sense the environment
- 2.2 : Advance the analysis of environmental data
- 2.3 : Advance the prediction of environmental impacts
- 2.4 : Deliver actionable information and reduce decision timelines



PRIORITY #3: *Innovation*

Naval Oceanography is a key component of the Navy's innovative culture and a catalyst for future evolution, and we must outpace our competition to ensure American Forces retain a technical warfighting edge.

OBJECTIVES:

- 3.1 : Develop our innovation network
- 3.2 : Reduce legacy and cultural boundaries to innovation
- 3.3 : Conduct high velocity learning and accept failure under manageable risk

