The Naval Research Enterprise
UNOLS - AICC

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Ocean Battlespace Sensing and Expeditionary Access Department

Growth Areas:
- National Oceanographic Partnership Program (NOPP)
- Task Force Ocean (TFO)
- Full Spectrum
- Anti Submarine Warfare
- Arctic Research

Physical Oceanography
Remote Sensing
Marine Meteorology
Littoral Geosciences
Ocean Acoustics: National Naval Responsibility (NNR)

Anti-Submarine Warfare

Mine Warfare & Ocean Engineering
Undersea Signal Processing
Unmanned Systems Technology & Autonomy
Research Facilities

Marine Mammals & Biology

Technology Side: Less use of ARF
The Department of the Navy released its strategic blueprint for the Arctic titled *Blue Arctic* Jan. 5, 2021 delivering a regional outline spanning the next two decades as the Navy continues to prepare for an increasingly accessible and navigable Arctic Region.
ICE-PPR Memorandum of Understanding (MOU) entered into effect on November 27, 2020. The MOU establishes general provisions that apply across basic research to development, testing and evaluation to improve partners’ capabilities for successful and safe operations in Polar areas.