



The Naval Research Enterprise

UNOLS - AICC

2021



Ocean Battlespace Sensing and Expeditionary Access Department

Technology Side:
Less use of ARF

Growth Areas:
National Oceanographic Partnership Program (NOPP)

Task Force Ocean (TFO)

Full Spectrum
Anti Submarine Warfare

Arctic Research

Remote Sensing

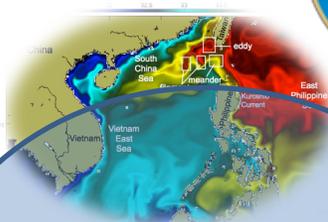
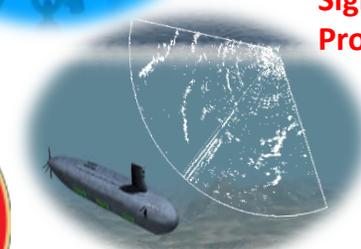
Marine Meteorology

Littoral Geosciences

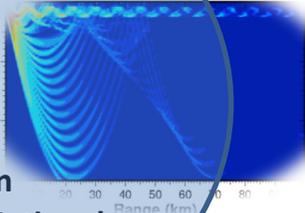
Anti-Submarine Warfare

Mine Warfare & Ocean Engineering

Undersea Signal Processing



Physical Oceanography



Ocean Acoustics: National Naval Responsibility (NNR)



Marine Mammals & Biology



Research Facilities

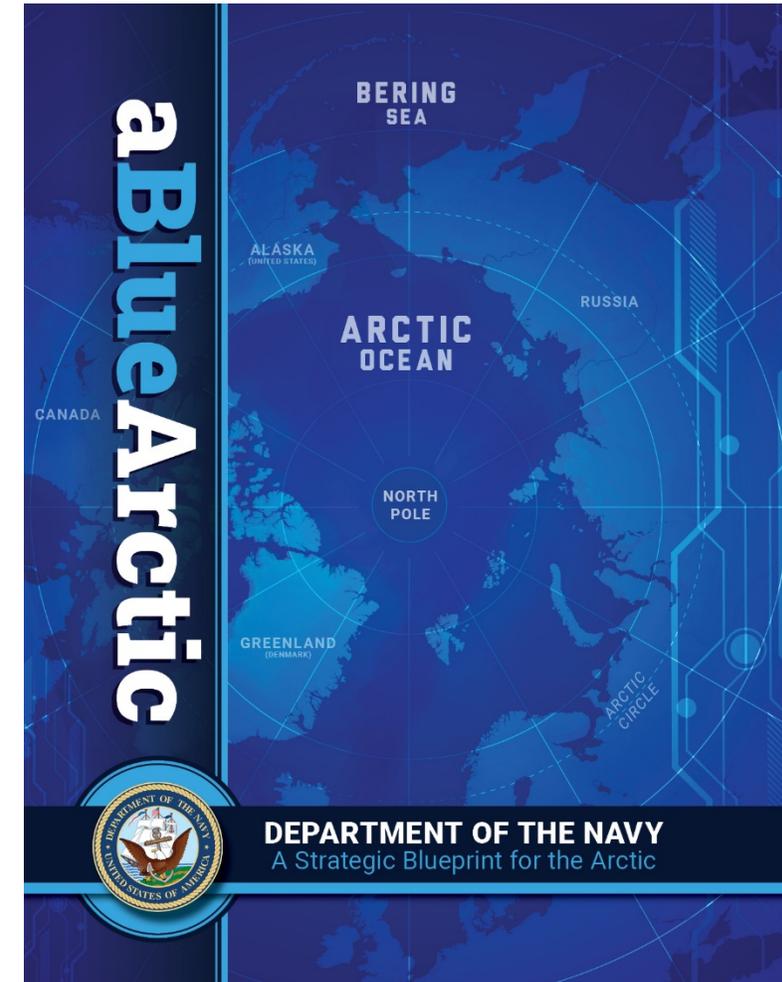


Unmanned Systems Technology & Autonomy



Navy's Strategic Blueprint for the Arctic

The Department of the Navy released its [strategic blueprint for the Arctic](#) titled *a 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.





International Cooperative Engagement Program for Polar Research (ICE-PPR)



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.

<https://www.onr.navy.mil/Science-Technology/ONR-Global/ICE-PPR>

