

OCEANS IN ACTION 2022



**Rear Admiral Ron Piret,
Commander, Naval Meteorology
and Oceanography Command**

From the ocean floor to the far reaches of space
America's Navy: It Starts With Us!



 210,036 NM Traveled by T-AGS

 5,996 RFS/RFI from the Fleet

 1,359 Deployments of Unmanned System

 111,021 NM Traveled by UxS

 1,005 Personnel Deployments

 23,767 Ice Reports & Products

 900 OPS & Exercises Supported

 2.3 Billion Supercomputer Core-Hours

 425,052 Forecast Model Runs

 127 Tropical Systems Tracked

 9,669 Environmental Intel Reports

 234,621 Weather & Climatology Reports



COMMAND OVERVIEW

14 Subordinate Commands

- SIX Oceanographic Survey Vessels (T-AGS) Forward-deployed 365 days
- DoD High Performance Computing Center
- Leader in operating unmanned underwater vehicles (UUV)



60 Locations around the world



+ 2,600 Personnel



Mission:

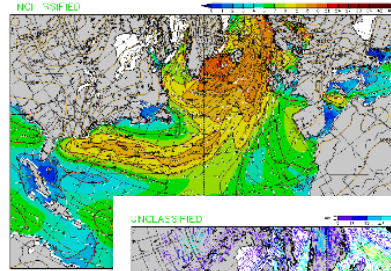
Define and apply the physical environment, from the bottom of the ocean to the stars, to ensure that the U.S. Navy has the freedom of action to deter aggression, maintain freedom of the seas and win



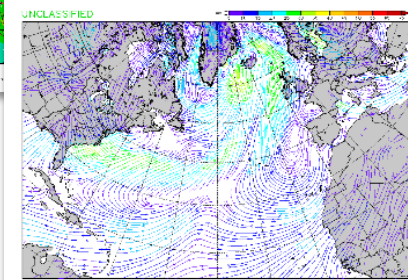
CONCEPT OF OPERATIONS



Sensing



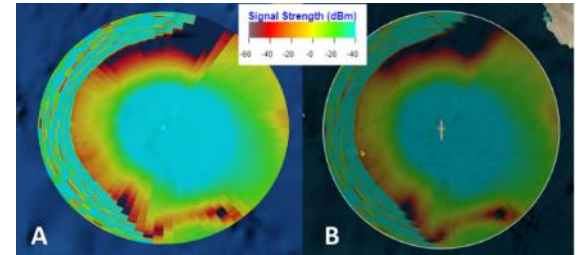
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UNCLASSIFIED

Forecasting



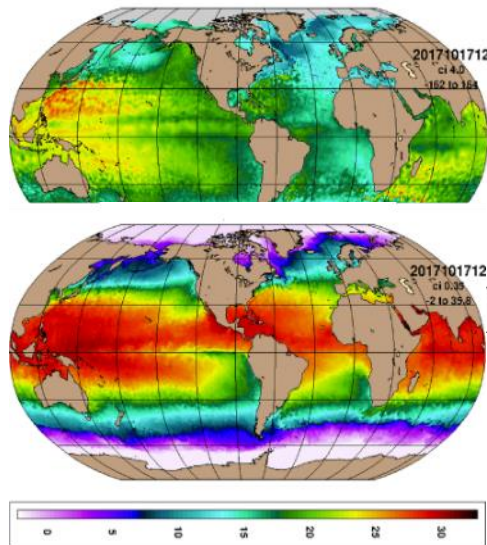
Decision Making



NEW FOR NAVAL METEOROLOGY AND OCEANOGRAPHY IN 2022

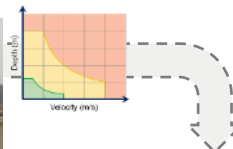
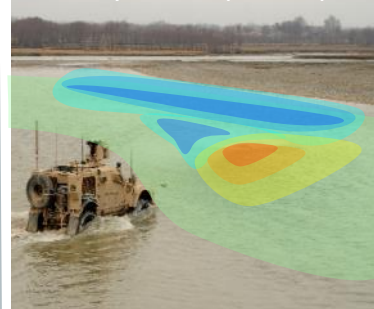


Ocean & Atmospheric Observations

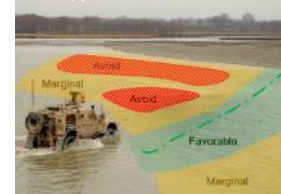


GOFS 3.5

Velocity and Depth Maps



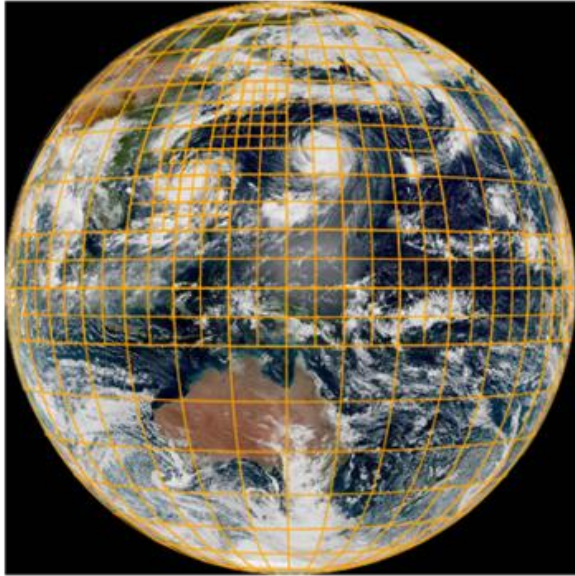
Support Tactical Decisions



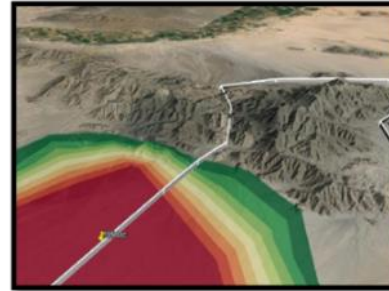
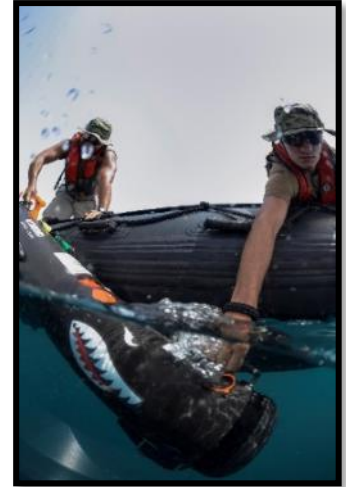
Enhanced Applications



MEETING THE CHALLENGES OF TOMORROW



Next Generation
Technologies



Relevant to
Navy Mission

PEOPLE



CAPABILITIES



INNOVATION

SOLUTIONS FOR TOMORROW VIA PARTNERSHIPS



Always room
for more!



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 Naval Oceanography

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