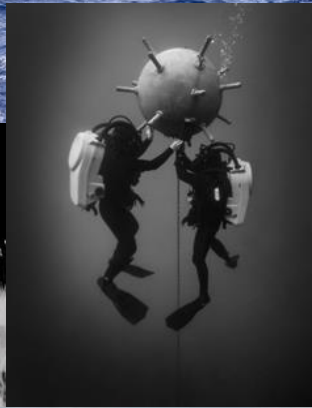


OPNAV N95 Expeditionary Warfare Division Combined Naval Event Symposium



February 2025

**CAPT Cameron Chen, USN
OPNAV N957 Branch Head**



Introduction – How we win in a Distributed Fight





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The Modular MCM Force

The Modular MCM Force

- Employ MCM Mission Package and Expeditionary MCM as complementary capabilities
- Multi-ship operations
- Tailored configurations, bringing modules needed for the phase of MCM operations
- Modules capable of operating independently of other modules
- **Modular MCM capability enables dynamic at-sea Fleet operations**



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Project AMMO

Accelerating

adoption through the Navy and to the tactical edge

Accelerates improvement of ATR capabilities from 6-12 months to 2 weeks

Edge performance monitoring increases trust in AI-enabled

Overmatch Cloud Environment with Machine Learning Tools



MK18 66f Program is the ezei
iplar Usecase, but
designed for scalability via
Project overmatch and CDAO; tc015
are adjacent to MCM ATR
leveraging emerging commercial
technologies through partnership

Remain Model

Tactical Edge (FOB)

Optimizing the model
for storage without
sacrificing
performance

Experiment tracking.
model performance
validation model
lineage

AMMO Vendors
Capabilities
Workflow

Solutions for
edge observability
model to
enable prediction

MK 18 UUVs (Wet Edge)

Developing and
training your model





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Allies & Partners





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Questions?



Shown: MCM Det Rota recovers a MK 18 Mod 2 UUV aboard the M/V Kronsport after the successful AMMO LOE 1 Sortie 1C.