



# Navy Warfare Development Command



ACTIVE  
COLLECTION

PARTNERSHIPS

LESSONS  
LEARNED



CONCEPT  
DEVELOPMENT

ARGUMENTS

JOINT  
INTEGRATION

EXPERIMENTATION

EXERCISE  
SUPPORT

**18<sup>th</sup> NDIA Expeditionary Warfare Conference**  
**“Challenges, Programs and New Concepts”**  
**RDML Scott Jerabek**  
**30 October 2013**



# NWDC Core Capabilities

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## Doctrine Development

Develops enduring products and principles; provides input to Navy, Joint, multi-service, and Coalition Doctrine

## Analysis

Performs in-depth analysis of experiments and conducts studies

## Fleet Experimentation (FLEX)

Develops and executes experimentation campaign plans/TAC D&E projects to solve Fleet gaps and deliver tangible products in the near term to enhance the Fleet's warfare capabilities

## Concepts & Innovation

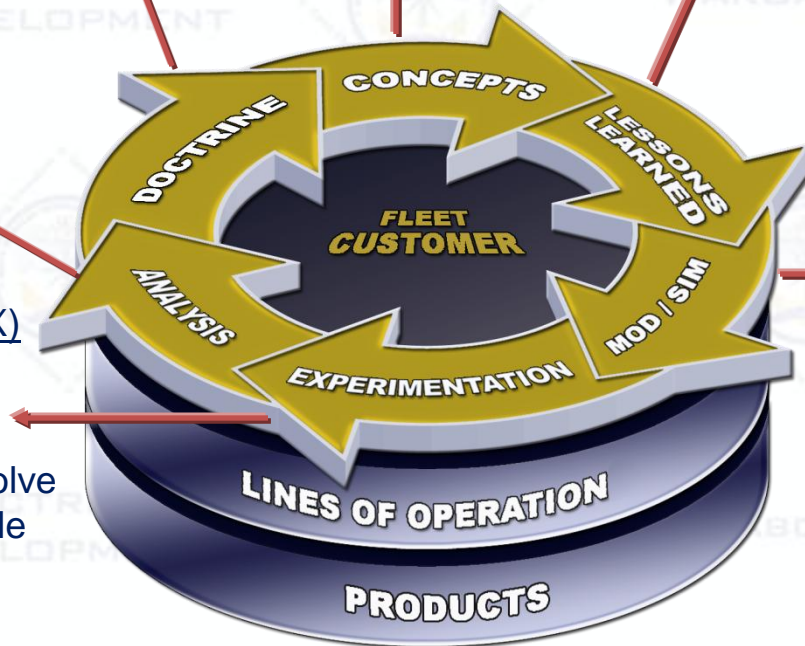
Predicts future Navy resource and operational requirements; proposes new capabilities

## Lessons Learned

Collaborates with the Fleet and other services to provide observations and best practices

## Modeling & Simulation

Provides a state-of-the-art distributed capability for Concept Development, Experimentation, and training of Naval forces through Fleet Synthetic Training



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# Lines of Operation

## Lines of Operation (LOO)

## Lines of Effort (LOE)

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Advanced Tactics Integration (CATI)

Mr. Pawlowski

- Lessons Learned Continuum
- Counter-Targeting
- Unmanned Systems Integration

- Force Integration
- Counter-ISR
- Stacked Threat

Information Dominance (ID) at the Operational Level of War

CAPT Bock

- Information Operations at the Operational Level of War
- Assured C2
- Integration into Fleet Experimentation and Exercises
- Doctrine and Training Development

Expeditionary Warfare Integration

LtCol Cherry

- MCCDC/NWDC Integration
- Integrating Exercise, Doctrine and Training

Fleet Innovation Campaign

CDR Salazar

- Fleet Process Improvement
- Culture Change
- Concept Generation/Concept Development (CG/CD)

D  
O  
T  
M  
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F  
Fleet Products

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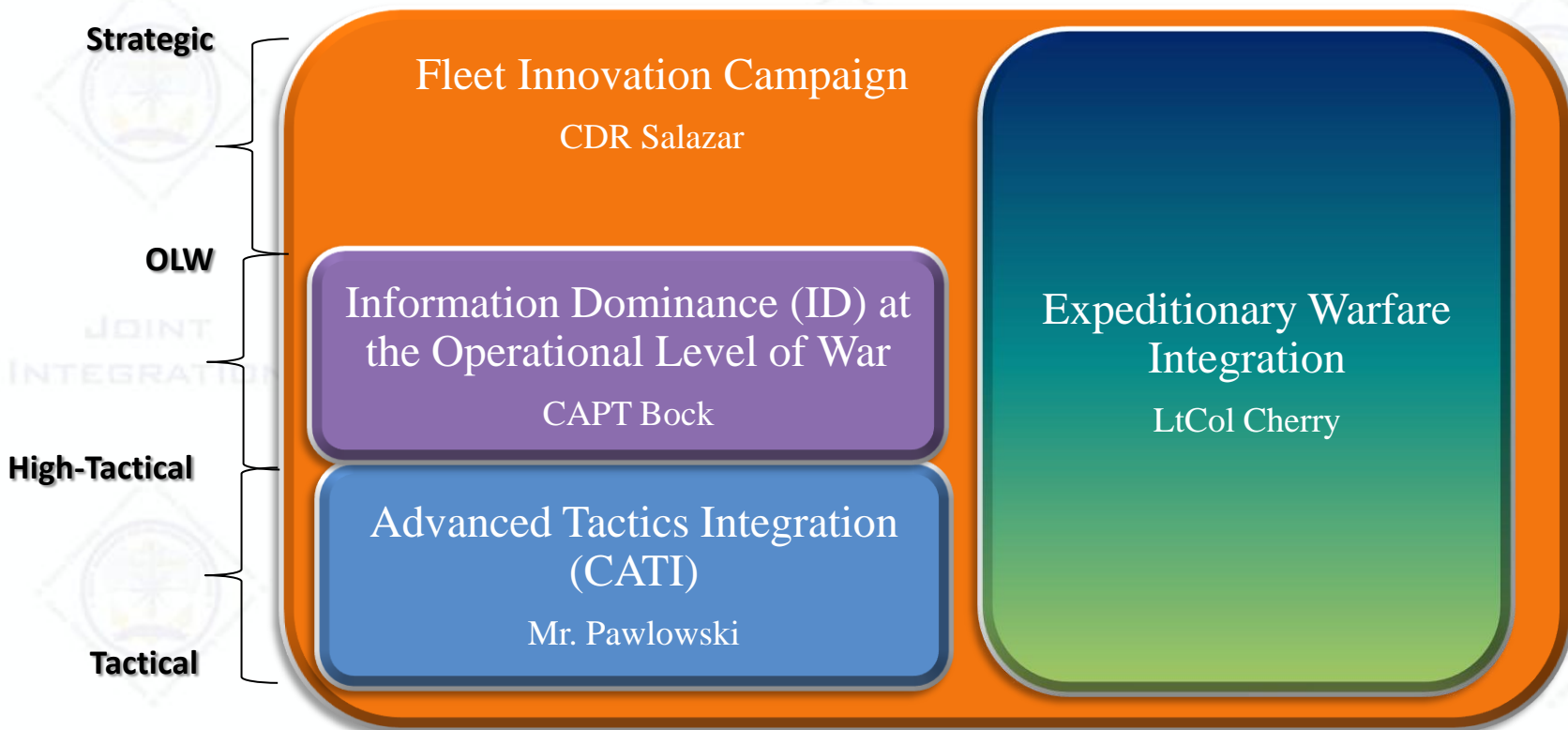
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# LOO Scope and Coverage

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## DoN (USN & USMC)





# New Concepts

- Expeditionary vs. Amphibious
- Alternative Force Packaging
- Navy/Marine Corps Integration

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*"Forward . . . For the Fleet"*

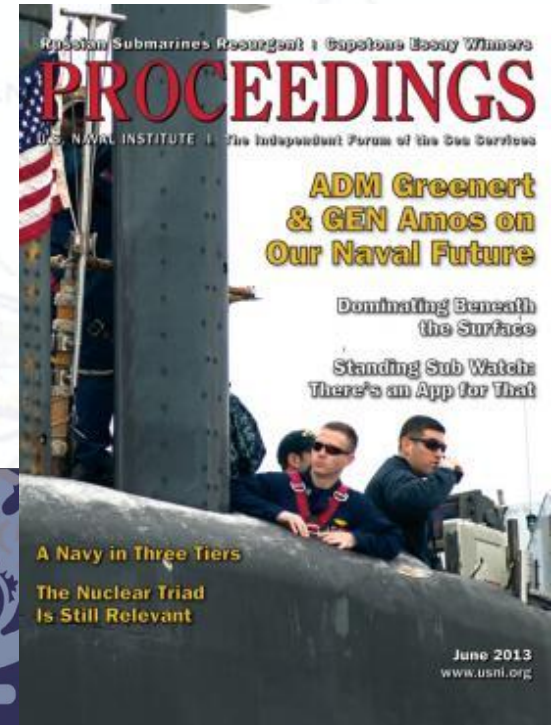
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# EW in CNO's Warfighting Plan

- CNO's Sailing Directions and Navigation Plan
- CNO & CMC "Our Naval Future"  
(Proceedings, June 2013)

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# Expeditionary Experimentation



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- FLEX 14 JHSV/MLP
- LHA-6/7
- Ellis Group/NWDC/EWCT
- Bold Alligator 14



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GENERATION



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## Questions?

CONCEPT  
DEVELOPMENT

WARGAMING

EXERCISE  
SUPPORT



DOCTRINE  
DEVELOPMENT

COLLABORATION

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