18th NDIA Expeditionary Warfare Conference
“Challenges, Programs and New Concepts”
RDML Scott Jerabek
30 October 2013
NWDC Core Capabilities

**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
Lines of Operation

Lines of Operation (LOO)
- Advanced Tactics Integration (CATI)
  Mr. Pawlowski
- Information Dominance (ID) at the Operational Level of War
  CAPT Bock
- Expeditionary Warfare Integration
  LtCol Cherry
- Fleet Innovation Campaign
  CDR Salazar

Lines of Effort (LOE)
- Lessons Learned Continuum
- Counter-Targeting
- Unmanned Systems Integration
  - Force Integration
  - Counter-ISR
  - Stacked Threat
- Information Operations at the Operational Level of War
- Assured C2
- Integration into Fleet Experimentation and Exercises
- Doctrine and Training Development
- MCCDC/NWDC Integration
  - Integrating Exercise, Doctrine and Training
- Fleet Process Improvement
- Culture Change
- Concept Generation/Concept Development (CG/CD)
LOO Scope and Coverage

Fleet Innovation Campaign
CDR Salazar

Information Dominance (ID) at the Operational Level of War
CAPT Bock

Advanced Tactics Integration (CATI)
Mr. Pawlowski

Expeditionary Warfare Integration
LtCol Cherry

DoN (USN & USMC)
New Concepts

- Expeditionary vs. Amphibious
- Alternative Force Packaging
- Navy/Marine Corps Integration
EW in CNO’s Warfighting Plan

- CNO’s Sailing Directions and Navigation Plan
- CNO & CMC “Our Naval Future”
  (Proceedings, June 2013)
Expeditionary Experimentation

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