Pacific Rim Innovation Symposium

NWDC
Navy Center for Innovation

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Why Innovation?

- Innovation is creativity applied to a purpose to realize value
- Innovation enables the realization of a desired future
- Innovation is a key component of CNO’s Sailing Directions
- Innovation is proactive & bequeath initiative

Fostering an innovative culture - an environment in which everyone has an opportunity, regardless of position, to think critically and contribute to improving the way we do business - is imperative for our Navy to successfully overcome emerging and unanticipated challenges in our rapidly changing strategic, technological and fiscal environment. - ADM J.C. Harvey
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- Warfighting first philosophy
- Create a culture of innovation
- Lead a campaign to regain our innovative advantage
- Energize a spirit of creativity
- Facilitate & align Navy innovation
- A clearing house for ideas
- Propel ideas to decision makers

Innovation is necessary to stay ahead of competition in the field of arms

Moffett:
- Adoption/development of new technology

Reeves:
- Implementation of new ways of operation

Innovation is necessary to stay ahead of competition in the field of arms
NWDC Innovators Guide

- A practical guide about innovation
- Gives ways to become more creative
- Describes conditions conducive to innovation
- Describes ways to move ideas through complex organizations
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- NIPR Website
- Links to:
  - Concept proposals
  - Blog
  - Upcoming events
  - Video recordings
NCFI Blog

- Primary purpose is to stimulate discussion on potential concepts
- A forum for the intersection of maritime ideas
- Comments are used to inform concept generation
- Provides links to other key blogs and partners
Blog Round Up

- Weekday distribution of blogs relating to innovation or maritime topics
- Attachment is pdf file with interactive links
- Also posted daily on the Blog website
- Available to all
Navy Concept Process

**Disruptive Thinkers**
- Generate ideas that lead to disruptive innovation
- Propose radical new ways to solve problems
- Focus on ideation, prototype reviews, alternative uses
- Virtual & live workshops (12/yr)
- Small core team
- Expansive network of additional experts

**Future Environments**
- Problems:
  - Strategic organizing principles, Capacity, New threats
- Opportunities:
  - New ways with old technology, & New ways with new technology

**CNO Advisory Board (CAB)**
- NWDC
  - Organize/Champion

**NWDC's Rapid Innovation Cell**
- NWDC
  - Collaborate white paper creation

**CUSFF/CPF**
- Approve white paper

**Assigned Lead**
- Refine concept

**CNO**
- Approve concept

**Experiments**
- Wargames
- N81 Studies

**Field, train, sustain**
- NWDC/CAB/ONR
- OPNAV/SYSCOMs/TYCOMs

**Effects**
- Innovation
- Collaboration
- New Perspectives
- S&T Investments
- POM
- CONOPS
- POR
- Warfighter Advantage
Concepts Near Completion

Information Dominance Capstone Concept

September 2012
Final Draft

Undersea Domain Operating Concept

September 2012
Final Draft