



TRAINING
INTEGRATION

ANALYSIS



ACTIVE
COLLECTION

PARTNERSHIPS

LESSONS
LEARNED

Pacific Rim Innovation Symposium

NWDC Navy Center for Innovation

CAPT David Tyler

11 Oct 2012



TRAINING
INTEGRATION

Contents

ANALYSIS



LESSONS
LEARNED **UNCLASSIFIED**

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PARTNERSHIPS

WARGAMING

EXERCISE
SUPPORT

OPERATIONAL
LEVEL
EXPERIMENTATION

COLLABORATION

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Navy Warfare Development Command
"Forward . . . For the Fleet"

GENERATION



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 & bequeaths initiative

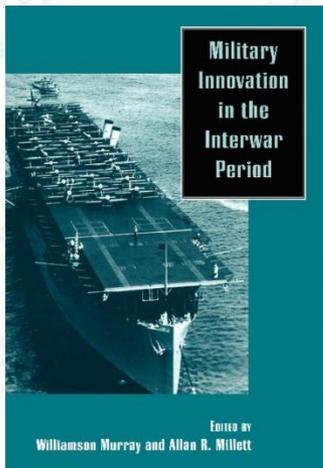


Fostering an innovative culture - an environment in which everyone has an opportunity, regardless of position, to think critically and contribute to improving the way we do business - is imperative for our Navy to successfully overcome emerging and unanticipated challenges in our rapidly changing strategic, technological and fiscal environment. - ADM J.C. Harvey



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Moffett:

- Adoption/development of new technology



Reeves:

- Implementation of new ways of operation

- 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

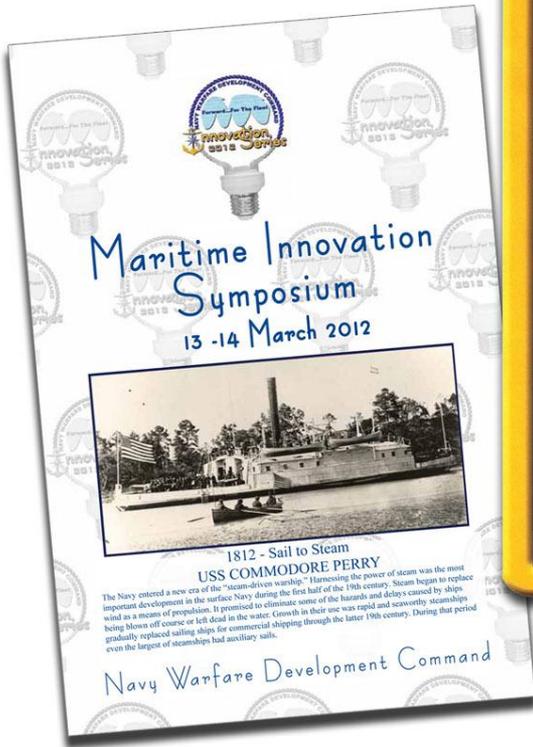
Innovation is necessary to stay ahead of competition in the field of arms

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Innovation Symposiums

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GENERATION



NWDC Innovators Guide



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- 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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Internet Explorer provided by NMCI

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Home About NWDC Leadership Reporting OnBoard Resources **Links**

Navy Center for Innovation
 The next defining capability in the evolution of warfare, and arguably the highest plane of strategic competition, will be that of the warrior's mind. To renew a spirit of creativity within the Fleet will require the focused resolve and sustained effort of dedicated individuals. To fully participate in the rich atmosphere of new ideas and global technological advancements, the Navy must create the conditions conducive to a culture of innovation. This website serves as the focal point for collaboration that will transform Navy culture into a competitive advantage in future conflicts.

[Submit Proposal](#)

As the Navy's executive agent for Concept Development and Concept Generation, NWDC harvests concept proposals and innovative ideas. To submit a proposal or idea, please click here for our template and return the completed form to NWDC_NRFK_INNOVATIONS@navy.mil.

Innovation Links and Resources | **Upcoming Events** | **Innovation Reading** | **Past Events**

- U.S. Naval Institute blog post on the Junior Leader Innovation Symposium by LCDR Benjamin Armstrong
- Junior Leader Innovation Symposium post on the Information Dissemination blog by LT Jon Paris (Scroll down to the 09 June post)
- "Disruption, Dysfunction and Leadership" on Blog Talk Radio - MIDRATS Episode 127 (US Naval Institute)
- Gladator vs. Ninja, or, The Innovation Discourse (LT Kurt Abaugh, CIMSEC.org)
- Scroll down to "The Tao of Sims" (Mon, 11 June) for discussion of a post by JIS speaker LCDR BJ Armstrong
- The FEMA Think Tank: Great example of a government crowd-sourcing effort, this one from the Federal Emergency Management Agency
- Crowd Sourcing Fleet Tactics to Spur Naval Innovation by LT Rob McFall
- How Can the Concepts Articulated in Writing by Transformers/Innovators Get Translated to Action? by ADM James Stavridis, COM EURCOM

Navy Center for Innovation Weblog

Pacific Rim Innovation Symposium
 San Diego California
 10-11 October

Sailors and Marines submit problems to the TechSolutions program. TechSolutions produces prototype technologies to address these problems and delivers the technology solutions to the fleet/force.

TechSolutions
 OFFICE OF NAVAL RESEARCH

- NIPR Website
- Links to:
 - Concept proposals
 - Blog
 - Upcoming events
 - Video recordings



NCFI Blog

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NAVY WARFARE DEVELOPMENT COMMAND
 FORWARD...FOR THE FLEET

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NAVY WARFARE DEVELOPMENT COMMAND

Navy Center for Innovation Weblog

This is the official Navy Center for Innovation blog hosted by NWDC in collaboration with the Naval Post Graduate school (NPS), the Naval War College (NWC), the Office of Naval Research (ONR) and the Marine Corps Combat Development Command. All comments and submissions are reviewed to ensure they fall within comment guidelines: no obscene, explicit or racial comments or submissions. No comments that are abusive, hateful or intended to defame anyone or any organization. No comments that suggest or encourage illegal activity. **No classified comments or information shall be shared on this blog.** **Please note that you are responsible for your comments, your username and any information provided.

Want to submit a guest blog post? Please contact NWDC_NRFK_INNOVATIONS@navymil!

Innovation Partners



Navy Warfare Development Command



Naval Postgraduate School



10/1/2012

Pacific Rim Innovation Symposium 10-11 October 2012, Registration Now Open

Navy Warfare Development Command (NWDC) is hosting a [Pacific Rim Innovation Symposium](#) on October 10-11, 2012.

The Symposium, "Engaging Junior Leaders to Address Pacific Rim Challenges," is designed to help junior leaders transform ideas into capabilities, overcome internal barriers to innovation, promote debate on employment of sea power in future conflicts and solicit ideas to address current Pacific Fleet challenges.

The symposium will be held at the SPAWAR Systems Center in San Diego, Ca. and is designed for junior leaders from E-5 to O-5. For attendees located outside San Diego the event will also be carried over Defense Connect Online (DCO). Please [click here](#) to register.

| [Email this Post](#) | [Comments \(0\)](#) | Published: 10/1/2012 4:50 PM

Blog Round Up for 28 Sept & 01 Oct

Here is Friday's [Blog Round Up 28 Sept 2012](#) as well as [Blog Round Up 01 OCT 2012](#)

| [Email this Post](#) | [Comments \(0\)](#) | Published: 10/1/2012 10:32 AM

9/27/2012

Blog Round Up for 27 Sept 2012

Blogs of Interest

(External links do not link by NWDC, or Navy Innovation)

Commander USFFC

Commander NWDC

Navy Live

Information Dissemination

Disruptive Thinkers

U.S. Naval Institute

Naval History

Sailor Bob

Small Wars Journal

CIMSEC/NextWar

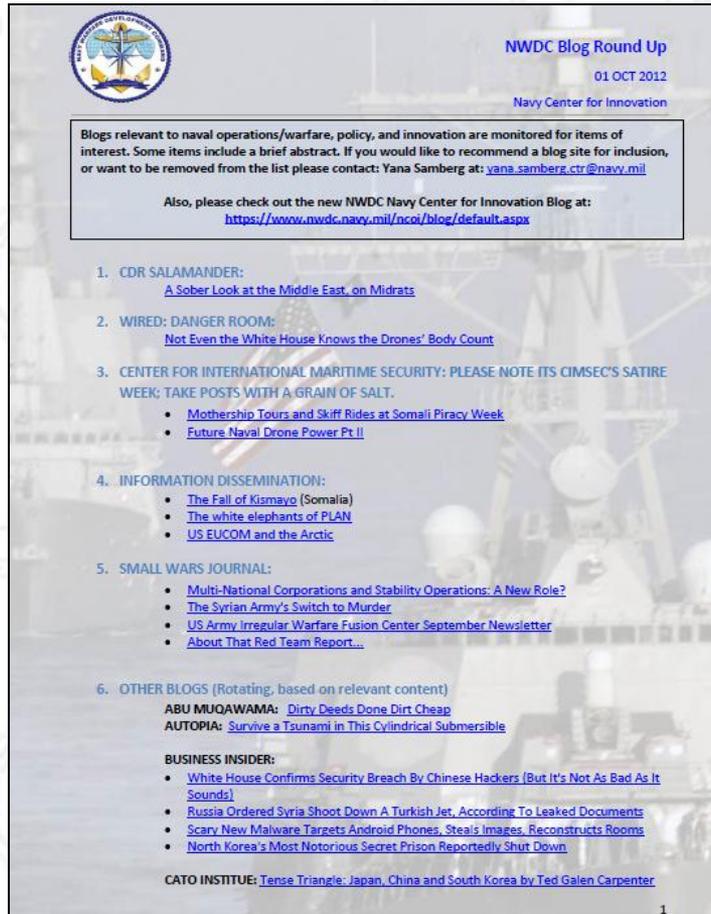
- Primary purpose is to stimulate discussion on potential concepts
- A forum for the intersection of maritime ideas
- Comments are used to inform concept generation
- Provides links to other key blogs and partners



Blog Round Up



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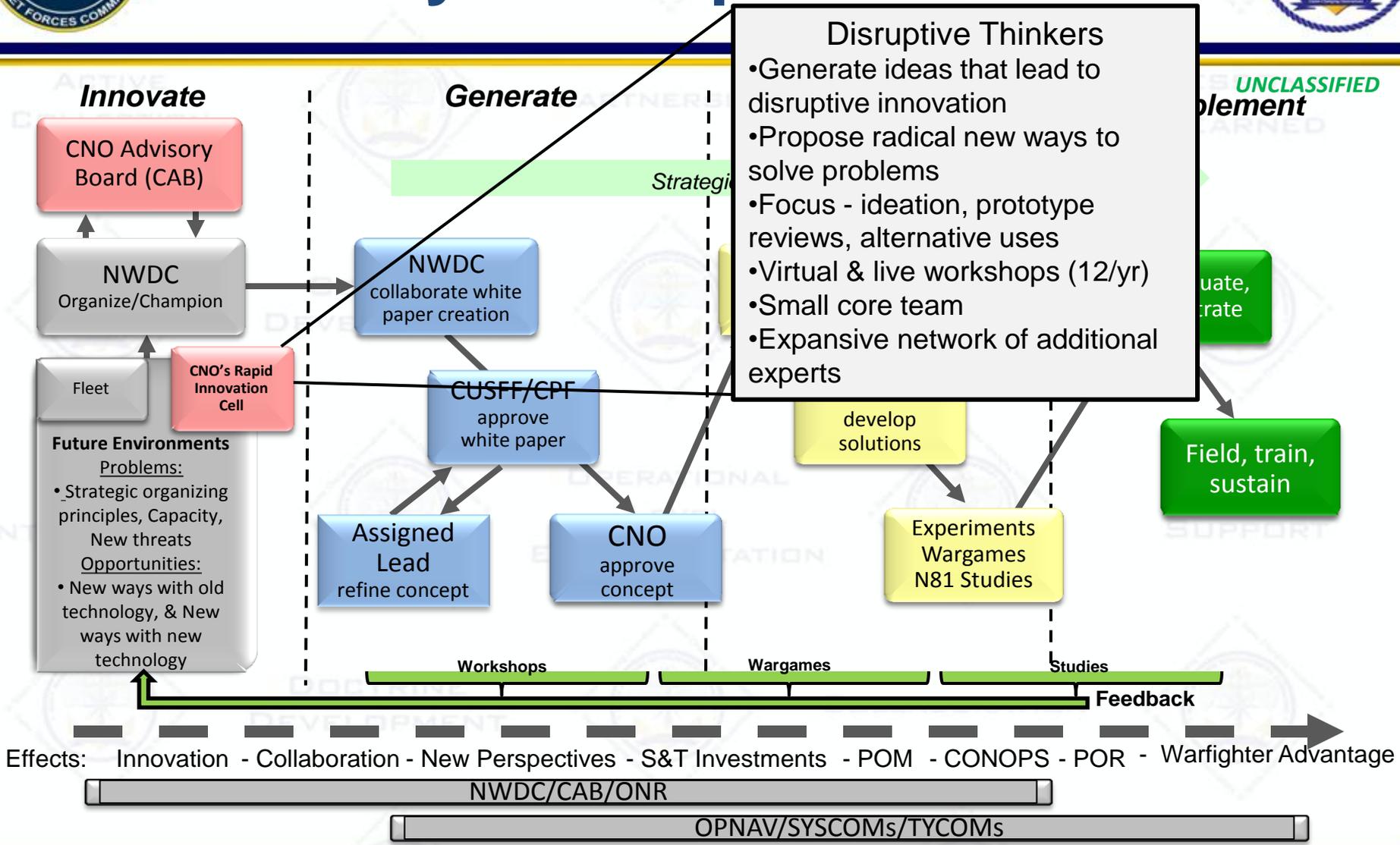
The screenshot shows a webpage titled "NWDC Blog Round Up" dated "01 OCT 2012" from the "Navy Center for Innovation". It contains a list of blog posts categorized into six groups. A text box at the top provides contact information for Yana Samberg and a link to the NWDC blog. The categories and their respective blog titles are as follows:

- 1. CDR SALAMANDER:**
 - [A Sober Look at the Middle East, on Midrats](#)
- 2. WIRED: DANGER ROOM:**
 - [Not Even the White House Knows the Drones' Body Count](#)
- 3. CENTER FOR INTERNATIONAL MARITIME SECURITY: PLEASE NOTE ITS CIMSEC'S SATIRE WEEK; TAKE POSTS WITH A GRAIN OF SALT.**
 - [Mothership Tours and Skiff Rides at Somali Piracy Week](#)
 - [Future Naval Drone Power Pt II](#)
- 4. INFORMATION DISSEMINATION:**
 - [The Fall of Kismayo \(Somalia\)](#)
 - [The white elephants of PLAN](#)
 - [US EUCOM and the Arctic](#)
- 5. SMALL WARS JOURNAL:**
 - [Multi-National Corporations and Stability Operations: A New Role?](#)
 - [The Syrian Army's Switch to Murder](#)
 - [US Army Irregular Warfare Fusion Center September Newsletter](#)
 - [About That Red Team Report...](#)
- 6. OTHER BLOGS (Rotating, based on relevant content)**
 - ABU MUQAWAMA:** [Dirty Deeds Done Dirt Cheap](#)
 - AUTOPIA:** [Survive a Tsunami in This Cylindrical Submersible](#)
 - BUSINESS INSIDER:**
 - [White House Confirms Security Breach By Chinese Hackers \(But It's Not As Bad As It Sounds\)](#)
 - [Russia Ordered Syria Shoot Down A Turkish Jet, According To Leaked Documents](#)
 - [Scary New Malware Targets Android Phones, Steals Images, Reconstructs Rooms](#)
 - [North Korea's Most Notorious Secret Prison Reportedly Shut Down](#)
 - CATO INSTITUTE:** [Tense Triangle: Japan, China and South Korea](#) by Ted Galen Carpenter

- 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





Concepts Near Completion

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Unclassified

Information Dominance Capstone Concept



September 2012
Final Draft

Unclassified

Undersea Domain Operating Concept



September 2012
Final Draft