



Vol. 3, No. 3

# INSight

Navy Warfare Development Command

*Forward ... For The Fleet*

<https://www.nwdc.navy.mil/default.aspx>



Summer, 2012

*"Think deeply, question continuously, debate rigorously, read broadly, write boldly, and never give up on a good idea."* - RADM. Terry B. Kraft, commander, NWDC, in *The Innovator's Guide* (see page 2)

## At NWDC, a Sharp Focus on Innovation, Service

While we did enjoy time off with family and friends this summer, across our directorates we've also introduced, expanded or improved our services to the Fleet. Some of those are included in this edition of INSight, and some will be announced in the near future.

You'll see we also continue to feature many of our innovation initiatives. NWDC has been tasked by the CNO to focus on innovation on several fronts, including a new streamlined Concept Development/Concept Generation process, and to continue our campaign to reinvigorate a culture of innovation across the fleet.

It's an exciting time to be at NWDC and I hope you continue to provide feedback to me on what else we should be doing, or how we can do it better.

*- Rear Adm. Terry B. Kraft, commander, NWDC*



## NWDC Assumes Responsibility for Fleet Experimentation Program

On July 1, 2012, U.S. Fleet Forces Command's N92 experimentation functions and personnel transferred to Navy Warfare Development Command (NWDC), including responsibility for the Fleet Experimentation (FLEX) program.

Consolidating the FLEX program with the NWDC experimentation directorate firmly establishes NWDC as a focal point for concept generation/concept development and experimentation.

The FLEX program executes a series of experimentation events to develop or refine innovative concepts; concepts of operations; or tactics, techniques and procedures to address the Fleet's highest priority challenges. FLEX selects relevant initiatives--doctrinal, organizational, training, or technological solutions to a warfighting challenge requiring development and evaluation--and matches them with appropriate experimentation events.

Fiscal year 2013 experimentation objectives will examine non-materiel and materiel solutions. Planned experiments include war games, limited technical/objective experiments,

and large-scale live events.

For more information about the FLEX program, send an email to [FLEX@navy.mil](mailto:FLEX@navy.mil).

## Navy Doctrine Library System CAC-enabled

Navy Doctrine Library System (NDLS) on NIPRNET can now be accessed through a common access card (CAC) login.

CAC registration and log in allows users to easily comment on both approved and draft publications and recommend improvements. Comments go directly to the individuals responsible for maintaining the publication to ensure that they are considered for either immediate action or consideration during the next scheduled revision. Other benefits include the ability to customize page layout, create personal bookshelves and receive e-mail notifications of changes to specific publications or segments of the Navy Warfare Library.

NDLS can be accessed on the NIPRNET at <https://ndls.nwdc.navy.mil> and on the SIPRNET at <http://ndls.nwdc.navy.smil.mil>.

## Upcoming NWDC Speaker Series Guests



### "Four Essential Components of Leadership"

With RADM Robert O. Wray, President, INSURV. August 30, from 1000 to 1100 EDT at NWDC HQ on Naval Station Norfolk, and via Defense Connect Online.

### "Maritime Security, Globalization, and Navy Strategy"

With Mr. Stephen M. Carmel, Senior Vice President Maritime Services, Maersk Line Limited. September 20, from 1000 to 1100 EDT, at NWDC HQ on Naval Station Norfolk and via Defense Connect Online.

For information and registration, visit <https://www.nwdc.navy.mil/ncoi/speaker/default.aspx>

## NWDC Mission

Navy Warfare Development Command links tomorrow's ideas to today's warfighter through rapid generation and development of innovative solutions to operational challenges. Our unique synergies and capabilities help move the Fleet forward through the 21st century.



## “The Innovator’s Guide” Now Available for Download

Navy Warfare Development Command (NWDC) has released “The Innovator’s Guide,” to help innovators of all ages – but particularly the Navy’s junior leaders – become more innovative and facilitate the transformation of good ideas into real warfighting capabilities.

As the Navy Center for Innovation, NWDC is spearheading a campaign to reinvigorate a culture of innovation within the Navy, and the guide is an important component of this endeavor.

In addition to defining innovation and why it’s important, the guide provides advice on how to identify and define problems that need solving, proven techniques for finding creative solutions, and how to move these ideas through a large organization

to implementation. The Innovator’s Guide is available electronically and can be downloaded at: <https://www.nwdc.navy.mil/default.aspx>.

### Pacific Rim Jr. Leader Innovation Symposium scheduled

For Junior Leaders E-5 to O-4, in San Diego and via Defense Connect Online

**Sept. 25 – 26**

*(Tentative, pending conference approval)*

For more information and to register, please visit <https://www.nwdc.navy.mil/ncoi/default.aspx>

## Engaged and Empowered at NWDC’s Junior Leader Innovation Symposium



More than 400 Sailors and junior officers, from E-5 to O-4, representing over 100 organizations, participated in the Navy Warfare Development Command’s (NWDC) Junior Leader Innovation Symposium June 6, both in-person at NWDC headquarters on Naval Station Norfolk, and online through Defense Connect Online (DCO).

Under the theme, “Engaging and Empowering Junior Leaders to Regain Our Innovation Advantage,” the Symposium educated junior leaders on the importance of innovation, empowered them to contribute new ideas, generated cross-domain discussions and harvested ideas on key issues confronting the Navy.

This was the second event of NWDC’s “Innovation Series 2012,” designed to reinvigorate a culture of innovation throughout the Fleet.

In addition to speaker presentations, the Symposium also included a working session to fully engage attendees in addressing three questions:

- 1) How can Navy better capture and act on innovative ideas? Consider incentives, education, organizational climate, and culture.
- 2) How should unmanned systems be employed 5 years from now?
- 3) What are the key operational questions the Navy needs to answer in the next 5-10 years? What resources does the Navy need to answer these questions?

Some of the ideas generated during this session have been forwarded to senior Navy leadership.

## Selected Quotes From the Junior Leader Innovation Symposium



“Be bold in your ideas. Always ask the question ‘Is this something a machine can do better?’”  
-Vice Adm. John M. Richardson, commander, Submarine Forces



“Junior leaders are essential to innovation. Their ability to process new information is something we need to exploit. Junior leaders have a professional obligation and vested interest to shape the capabilities of the future Navy.”  
- Rear Adm. Terry B. Kraft, commander, NWDC



“Wherever it is that you feel that you can be best heard [and] that you can provide ideas, you must join the conversation.” - Lt. Robert McFall, vice chairman, United States Naval Institute Editorial Board



“You don’t necessarily remove rank with social media, but it sort of becomes secondary. You end up with a free-flow discussion of ideas. That’s where things really start to pan out and you get the really innovative solutions from someone you may not have recognized who has the pedigree or you would think is an expert.” - Lt. Benjamin Kohlmann, founder, “Disruptive Thinkers” blog



“Find something you believe in and demonstrate your own grit. You have to want to do this. You have to be willing to invest the time, energy and hard work needed to see your idea through.”  
- Lt. Cmdr. Benjamin Armstrong, maintenance officer HSC-28

### Navy Warfare Development Command Points of Contact

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