

**Subject:** FW: FY 06 OA FN Experiment DEMO - Bravo Zulu

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Great Job!!!

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**Subject:** FY 06 OA FN Experiment DEMO - Bravo Zulu

CAPTAIN,

On September 22, the entire experimentation team conducted three separate 06 level VIP Demonstration sessions of distributed testing across the enterprise with live connectivity from PEO IWS(NSWCDD/OATF), PEO SUBS (NUWC/NPT), PEO C4I(SSC C/SSC SD) and PEO T (NAWC PAX) labs. All three sessions were fully attended by the invited VIPs to include representatives from DASN IWS, OPNAV N76, OPNAV N91, PEO A, PEO IWS, NAVAIR, NAVSEA 06, JSSEO, ASN RDT&E, OSD/JT&E Test Director, SSC Charleston Commander, and SPAWAR 05.

All three sessions were well received by attendants as **"impressive", "bravo Zulu "** to the Team for this achievement as expressed by **CAPT Hoover, SSC Charleston Commander**. He further noted to the rest of the audience that **" I can see that this is the way of the future, and we should get as many people onboard as we can to support this way ahead"**.

**Dr. Meng, Deputy NAVSEA 06**, also made the following observation directly to the entire audience, **" I see that we have the solution set here that will answer the fore most question that the CNO is asking the Navy regarding Open Architecture. I believe that this distributed engineering and infrastructure capability is a critical component that we can and must use to get where we need to be as soon as possible."**

During the same week, September 18-21, the Navy Enterprise team have completed the execution of a 4 days test run of the FY 06 Open Architecture/FORCEnet Experiment. The entire cross enterprise team did an incredible amount of work in the past 8 months to put together this Navy Enterprise level experiment from concept, design, architectural and design for software, hardware, and network integration and test execution to demonstrate the objectives of this experiment. Their hard work has enabled the experiment to be completely successful on 3 different major areas:

- 1) **Technical** (i.e. Implemented connectivity to PEO SUBS/C4I to existing DEP infrastructure, added Joint Simulation capability, implemented common data model XML/IP and DDS standards based data transfer capability,....)
- 2) **Operational** (i.e. Integrated Imagery and IR data into the tactical track and engagement data to aid warfighter in the engagement process)
- 3) **Business process improvement** (e.g. Developed an open, repeatable experimentation and capability assessment process for the Naval enterprise to enable cross-domains analysis and risk reduction engineering

efforts to occur. Encouraged small business and academia to participate in process to foster innovation and rapid and cost effective insertion of capability feedback to acquisition process. Enable sharing and collaboration of engineering products, process, and integration needs across enterprise domain activities.....)

Our plans for analysis of the experiment will be in a quicklook report due out in the next 3 weeks and a final report due later in December to provide a more detailed analysis of the data being collected from all the domain sites.

Respectfully submitted,

Huong

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