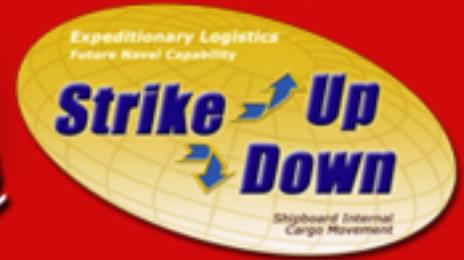


Expeditionary Logistics

A FUTURE NAVAL CAPABILITY



NSRP Strike-Up/Strike-Down S&T Roadmap to be released in February

On Dec 16-17, the NSRP Strike-Up/Strike-Down Design Review Board (DRB) met at the Virginia Advanced Shipbuilding and Carrier Integration Center (VASCIC) in Newport News, VA to finalize the SUSD S&T Roadmap which contains the DRB's recommendations to the IPT. The S&T project recommendations set forth in the Roadmap form the basis of a system of systems which combines efficient cargo handling, selective offload, and human strength amplification to deliver advanced logistics sustainment solutions for the future Sea Base, enable ATF interoperability, and permit quicker reconstitution and redeployment.

The DRB recently conducted a Roadmap workshop which included participants from various platform sponsors, Navy and Marine Corps engineering and acquisition communities, fleet and force commands, shipbuilding industry, logistics agencies, oversight authorities, and commercial warehousing interests. The insight gained from the participants was instrumental in identifying and prioritizing the technology gaps keeping advanced shipboard internal cargo movement systems off Navy ships today. The resultant Roadmap ties the identified technology gaps to specific enabling technologies and associated S&T projects. It recommends how these enabling technologies and projects can be transitioned to full scale prototype projects to be supported by R&D. It also explores commonality across technologies and platforms to identify and leverage any existing synergies.

The DRB expects to submit the finalized Roadmap to the ExLog IPT in early February for their concurrence.

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Highlights / Accomplishments

High Capacity Alongside Sea Base Sustainment (HiCASS)

- Continuing interaction with industry teams in response to BAA release.

Strike Up/Strike Down (SUSD)

- NSRP: Conducted final SUSD Roadmap development meeting.
- Modeling & Simulation: Completed preliminary transition analysis of Naval logistics systems related to the Sea Base.
- Actuator: Continued efforts on detailed thermal analysis of the advanced weapons elevator actuator.
- ASRS: Completed Automated Storage and Retrieval System project Design Review.

Sea Base to Shore Surface Craft (SSSC)

- Successfully completed sub-scale model tests of the HLCAC lift-fan system. Initial results indicate that this is a very quiet and efficient system.
- Completed model construction of the HLCAC propulsor system and began setting up for the sub-scale model tests in the wind tunnel.

Naval Force Sustainment (NFS)

- Facilitated the transfer and integration of NFS market survey power generation data to ACES.

Ground Logistics Command and Control (GLC2)

- Final testing for CLC2S V 2.0 was successful. This included the un-tethered and handheld capabilities
- CLC2S V 2.0 on schedule for IPT turnover on 13 JAN.

Naval Logistics Command and Control (NLC2)

- Start up underway. Edited working draft of Technology Roadmap.

