

Expeditionary

Logistics

A FUTURE NAVAL CAPABILITY

High Capacity Alongside Sea Base Sustainment (HiCASS) Industry Day

On 23 Oct 2003, ONR sponsored the High Capacity Alongside Sea Base Sustainment (HiCASS) Industry Day at The Hilton in Crystal City. The event was well attended by both government and industry with approximately 115 participants. The goal of the HiCASS product line is the introduction of new At-Sea Material Transfer and Station Keeping technologies that could reduce by half the time now required for transferring heavy loads. These technologies and processes will substantially reduce the risk of damage to hulls and deckhouses during the operation.

The message delivered during the Industry Day conveyed the shortcomings of the current At-Sea Material Transfer and Station Keeping systems and discussed what upgrades, technology insertions, or new approaches are necessary to meet future Naval requirements. A variety of technical and programmatic questions were addressed at the symposium and all of the presentations are available on the Expeditionary Logistics FNC website.

The HiCASS BAA is out on the streets and closes on 9 JAN 2004. It is expected that several awards will be made in the area of large to large vessel interaction, as well as large to small vessel interaction in the open ocean. Awards are expected to occur in the FEB 04 timeframe.

Points of Contact

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Command & Control

NLC2/GLC2 - 805-982-1305

December Accomplishments

HiCASS

- Industry Day was held 23 OCT.
- BAA has been released. Proposals are due 9 JAN 04.

SUSD

- The NSRP Strike-Up/Strike-Down Design Review Board held a Stakeholder Workshop on 8-9 October to assess and articulate future requirements with a team that included shipyard representatives, acquisition program representatives, fleet and industry participation.
- Automated Stowage and Retrieval System completed Requirements development and finished the Ship Integration Analysis. The Motor, Electrical, and Sensor design concepts have been completed.

SSSC

- Completed lift-fan system design plus the product specification documents required for manufacturing.
- Completed propulsor system design plus the product specification documents required for manufacturing.
- Began sub-scale model tests of the HLCAC lift-fan system

NFS

- Completed Blast Package Container base period final efforts. The notional 2'x 2'x 2' box design for blast testing has been completed.
- Discussed Blast Package Container technology transition opportunities with MCSC PM-AMMO.

GLC2

- CLC2S - Seaway Loggy integration study is nearly complete.

NLC2

- BAE has provided working documents on a rough specification of the software and hardware needs for NC2.
- NFESC is analyzing/supplementing the contractor recommendations.