

Product Design & Material Technologies

Major Initiative Team Lead (MITL)

1st Quarter '06 Report



- 2006 MITL Objectives**
- NSRP Funding Status**
- MITL Miscellaneous Items**
- Shipbuilding Industry Happenings**

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MITL Objectives actively support the NSRP ASE Strategic Investment Plan



- Ensure PDMT Projects are on schedule and deliverables support the Initiative's goals
- **Keep the ECB informed on the PDMT activities and project status**
- Develop and execute a plan to facilitate the development of meaningful projects for the upcoming RA that will produce identifiable ROI for the shipyards and our customers
- **Coordinate interactions with our customers to ensure project cost savings/avoidance's are identified and tracked**
- **Update the SIP (as required) to reflect benchmarking and issued project deliverables data**
- Act as conduit to inform shipbuilders on NSRP initiatives

NSRP Funding Status



- **NSRP FY06 funding**

- \$3.1M was received in late March
- Contracts in place, projects working

- **NSRP FY07 funding**

- Have actively met with 3 PEO Staffs
- PEO Ships and Carriers have committed \$4.5M with PEO Subs still determining.
- Projected FY07 R&D funding level is \$5M.
- PEO's have agreed to draft concept of operations
- Developing possible new contract to administer any resulting PEO funding
- RA was reviewed and commented by MITLs and Panel Chairs
- RA has been submitted to ECB for approval
- RA release looks like this summer

- **PDMT Project Candidate List**

- MITL & Panel Leadership will collaborate to manage development of listing
- Use inputs received from previous and present panel meetings
- Meet separately to develop, distribute and finalize candidate project listing in preparation for upcoming RA
- Brief whitepaper project descriptions will be included



FY06 Projects Status

<u>Project Title</u>	<u>Prime</u> (# of subcontractors)	<u>Project Description</u>	<u>Status</u>
1. 2nd Tier Shipyard Design Enhancement	Bender (5)	- develop the design modules for for electrical and weld planning disciplines	- Pat David will provide
2. Implementation of Surplus/ on-hand Material in CPC	EB (4)	- Electronically download surplus material quantities into each CPC environment -Develop and agree upon method of procuring surplus material between CPC Participating Shipyards	-EB and BIW methodology established -NGSS methodology being developed -On schedule & budget -B. Espeseth will detail later



Miscellaneous MITL/NSRP Items

- **Project Implementation Matrix**
 - Identifies latest project implementation status across the shipyards
 - Required by Joint Funding Agreement every 2 years
 - MITL's provided latest update
- **Strategic Initiative Plan:**
 - _approved and issued
- **MITL Term Extension**
 - NSRP extended terms ending 6/06 to 9/06
 - Did not want to make any changes in the middle of the FY07 RA process
 - PDMT MITL and Asst MITL terms are up in 9/06



Coming Attractions in Shipbuilding

- **Joint Ship Production, Business and Systems Panel Meeting** 5/16-17, Seattle
- **9th International Marine Design Conference (SNAME & ASNE)** 5/16-19, Ann Arbor
- **Lean Forum 4** 9/12-14, Jacksonville
- **SNAME-Ship Production Symposium** 10/11-13, Ft. Lauderdale
- **SHIPTECH 2007** 1/30-31, Biloxi