

NSRP Update

Joint Panel Meeting

**May 15, 2007
San Diego, CA**

Program Funding and Ops: 2008

- **ECB, Navy champions seeking commitment for stable funding for FY 2008 and beyond**
- **House Armed Services Committee has completed markup of the FY08 bill**
 - Details about NSRP not available yet
- **Senate Armed Services Committee scheduled to do their mark-ups later in May**
- **Have engaged with Defense Appropriations committee staffs ... positive feedback**

Project Engagement with Navy PMs

PEO reps and ECB agreed to parallel paths to improve awareness of NSRP projects by shipbuilding and repair Program Managers

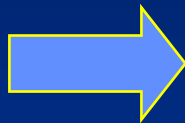
- 1. Provide a synopsis of new projects to Deputy PEOs, NAVSEA, and ECB for parallel dissemination to the program offices in Navy and at the Shipyards**
 - ✓ Done at paragraph level of detail by email
 - ✓ Next level of detail = booklet (also on website and CD)
- 2. Contracturally require project teams to engage with the respective Navy PMs**
 - ✓ Project leads tasked to report their plans for this engagement
- 3. Shipyards include NSRP work in periodic Navy program reviews**
 - NGSS and Electric Boat are coordinating a briefing for all projects their yards are involved in through established internal channels for Navy PM comms.
- 4. Include evaluation criteria in future NSRP project solicitations to communicate with Navy PMs prior to proposal submission**
 - To be included in next Research Announcement
- 5. NAVSEA NSRP office visit Navy PMs/staffs with tailored briefing**
 - ✓ Completed ID of appropriate platforms and associated PM, by project
 - ✓ 12 briefings to date (next slide has details); 10 more scheduled, with more to follow (next slide)
- 6. Longer Term**
 - Periodic briefings (Quarterly Program Reviews, project quarterly reviews)
 - One-page sponsor briefs (quarterly, semi-annual)
 - Invitations to participate in project workshops and demonstrations
 - Presentations at conferences with strong Navy attendance (ShipTech)
 - Expanded engagement w/ Fleet Maintenance community--follow-up to newly emerging interest

Panel Whitepaper Solicitation

- **Panel Solicitation released May 3, 2007**
 - Sufficient program funding in the next fiscal year to assure a new round of panel projects is not yet assured.
 - Recent program history and early signs of support tend to mitigate the risks associated with this funding uncertainty.
- **Deadline: Whitepaper proposals must be submitted no later than 3:00pm ET, August 16, 2007.**
- **Updated Panel Project Guide is available at the NSRP Website**
http://www.nsrp.org/documents/panel_project_guide.pdf

New ASE Projects

- The Executive Control Board and the Major Initiative Team Leaders convened in Charleston January 16-17 for final RA Project selection
- Eleven projects were selected:



**All on contract
and underway**

| Project Title |
|--|
| Shipbuilding Partners and Suppliers 601 |
| Improved Methods for Generation of Full-Ship Simulation/Analysis Models |
| Improved Affordability for Composite Structures |
| Portable Automated Bulkhead and Hull Straightener |
| Enabling Shipbuilding Interoperability (ISE 6) |
| Shipyards Design Tool Enhancement |
| SHIPWAY 2.0 - Lean Best Practice for Naval New Construction and Ship Repair Business & Information Processes |
| Design for Producibility for Mid-Tier Shipyards |
| Shipbuilding and Repair Career Day Events |
| Gas Metal Arc Welding and Distortion Mitigation |
| Shipbuilding and Ship Repair Industry Initiative to Prepare For and Comply with the Residual Risk Ruling |

2007 Panel Projects Selected

| Project | Panel |
|---|--|
| QA Rules for Painting Navy Ships | Surface Preparation & Coatings |
| Hexavalent Chromium Exposure Survey | Facilities Tooling & Risk Management |
| Qualification of SAW Procedures | Welding |
| Single Pass Pipe Socket Welds | Welding |
| Full Ship Analysis Model Generation | Systems |
| Shipyards Environmental Metrics | Environmental |
| Standardized Supply Chain Inspections | Business |
| Flash Rusting Acceptability for Ship Coating | Surface Preparations & Coatings |
| Spill Prevention Rule Guidebook | Environmental |
| Mods for ISO Standards | Systems |
| STEP-NC Concept Demo | Shipyards Production |
| Tandem Pulsed GMAW for Stiffeners | Facilities, Tooling & Risk Management |
| Activities-Based Cost Estimator | Business |
| Subcontractor Data Guidebook | Business |
| Improving Shipbuilding Industry Image | Crosscut |
| Surface Prep QA/QC Process Improvement | Surface Preparation & Coatings |
| Spanish Translation of OSHA Tapes | Facilities, Tooling & Risk Management |

Small Business Innovation Research (SBIR)

- **Phase II award of an NSRP topic**
- **Topic 05-161 Improved Work Performance in Shipbuilding Environment**
 - Aptima, Inc – Knowledge and Experiences of Expert Labor (KEEL)
- **KEEL is aimed at technology/methodology to**
 - capture expert knowledge from our senior shipbuilding and repair technicians, supervisors, and managers
 - codify and store the knowledge in a repository system
 - facilitate knowledge recall for use in training of individuals and work teams

Small Business Innovation Research (SBIR)

- **SBIR 7.2 Solicitation open for proposal submission**
 - includes a National Shipbuilding Research Program (NSRP) related topic.
- **The NSRP related Topic is N07-133 -- Increasing Automation in the Shipbuilding Production Process**
 - Seeks to develop innovative technologies that will increase the level of automation in common shipbuilding manufacturing processes.
 - Reduce the complexity of the work and work content of the task.

Upcoming Meetings & Events (cont'd)

| <u>Dates</u> | <u>Event / Location</u> | <u>Comments</u> |
|---------------|--|------------------------|
| Jun 5-6 | Product Design & Materials <i>Marinette, WI</i> | Panel Meeting |
| Jun 12-13 | <i>Joint Meeting Crosscut / Facilities, Tooling & Risk Mgt Newport, RI</i> | Joint Panel Meeting |
| Jun 20-22 | Environmental Technologies <i>Bath, ME</i> | Panel Meeting |
| Jun 25-26 | ASNE Day <i>Crystal City, VA</i> | |
| July 19-20 | Surface Prep and Coatings <i>Jacksonville, FL</i> | Panel Meeting |
| July 30-Aug 2 | 2007 Naval S&T Industry Partnership Conference <i>Washington, DC</i> | |

For More Information

www.nsrp.org

*Program info, research announcements,
briefings, project descriptions ...*

NAVSEA's New NSRP / ManTech Program Manager



Jim Fowler

Questions?