

NSRP Update

Surface Preparation & Coatings Panel Meeting

June 14-15, 2006

Norfolk, VA

Program Funding and Ops: 2006

- ***Back in Business!***
 - \$3.11M in funding received
 - Panel operations, Lean Forum planning resumed
- **6 ASE projects continuing FY05 efforts--\$1.6M**
 - Integrated Shipbuilding Environment
 - Shipbuilding Partners & Suppliers
 - 2nd Tier Design (ShipConstructor)
 - Variable Balance Submerged Arc Welding
 - SHIPWAY (Lean Business & Info Processes)
 - Ship Check Data Capture
- **7 new panel projects--\$0.6M**

Panel Project Update

7 Projects awarded last cycle totaling \$571K in funding

Project	Panel	Status
Cold Wire Feed SAW	Weld	Ongoing
TipMate SAW Noxxles	Weld	Ongoing
STEP-NC for Steel Production	Sys	Ongoing
Panel Line Optimization (PLOPS)	SPPT	Ongoing
Workforce Preparation Improvements	CC	Ongoing
EPA Residual Risk Regulation – Part 2	Env	Ongoing
Surplus/On-Hand Material in CPC	PDMT	Ongoing

Project	Panel	Status
Lessons Learned for Coatings	Surf	ITAR Resolved – 2 MSC ships (USNS SISLER & POMEROY) selected for study

Lean Shipbuilding & Ship Repair Forum 2006

September 12-14 Jacksonville, FL

- **Theme: “*Shipbuilding Affordability Through Lean/Six Sigma*”**
- **Technical Tracks**
- **“Crackerbarrel”**
 - Timed, facilitated small-group discussions on selected Lean topics
 - Response to LIG/other participants’ desire for more best practice sharing, less ‘teaching’
- **Dinner Speaker**
 - Jerry Bussell, Medtronic has accepted
- **Tours**
 - Ameritape (specialty tape & label stock)
 - Atlantic Marine (ship construction & repair)
 - Jacksonville Electric Authority (power generation)
 - Medtronic (medical technology mfg. & services)
 - NAVAIR Depot Jacksonville (aircraft engine overhauls)
 - Pilot Pen (writing instruments)
 - RexCorp (paperboard packaging)

Upcoming Conf. & Panel Meetings

<u>Dates</u>	<u>Event / Location</u>	<u>Comments</u>
Jul 24-25	Crosscut Initiatives <i>Seattle, WA</i>	Panel Meeting
Aug 8-9	Systems Technology <i>Bath, ME</i>	Panel Meeting
Aug	Welding Technology <i>Carderock, MD</i>	Panel Meeting
Sep 11	Shipyard Production Process & Business Process <i>Jacksonville, FL</i>	Panel Meeting
Sep 12-14	Lean Shipbuilding & Ship Repair Forum <i>Jacksonville, FL</i>	
Sep	Facilities, Tooling, Risk Management <i>San Diego, CA</i>	Panel Meeting
Oct 11-13	Ship Production Symposium / SNAME MTC <i>Ft. Lauderdale, FL</i>	NSRP booth
Nov	Crosscut Initiatives <i>Newport News, VA</i>	Panel Meeting
Dec 12-13 (ten)	Joint Panel Meeting <i>New Orleans, LA or Savannah, GA</i>	Panel Meeting

NSRP-Related Tentative Funding Opportunities

- **SBIR**
 - **FY05 1st Cycle** **5 Phase I Projects Completed**
4 Phase II Awards In-process
 - **FY05 3rd Cycle** **6 Phase I Selection Made; Contracts**
Awarded
 - **FY06 1st Cycle** **3 Phase I Awards Approved (in**
Contracting)
 - **FY06 2nd Cycle** **May 1 2006 Topic Announcement**
 - **FY06 3rd Cycle** **Aug 1 2006 Topic Announcement**
- **STTR** **FY07 typically \$.5M-\$1.5M**
- **Navy ManTech** **FY07 typically >\$30M annually**
Shipbuilding Initiative
(not planned, but ...)
- **Shipbuilding Industrial**
Base Improvement Pgm ?? \$??
(don't know funding origin or
NSRP role if any)

What Next?

- Jun 22 ECB meeting w/ DPEOs pivotal
- Sufficient level of funding commitment = Research Announcement for new ASE projects
- *Panel Project solicitation seems likely*

Next Research Announcement

- **Highlighted Major Initiative areas from SIP**
 - Shipyard Production Processes (6 sub-initiatives)
 - Business Process (6 sub-initiatives)
 - Product Design & Materials (4 sub-initiatives)
 - Systems (9 sub-initiatives)
 - Facilities, Tooling & Risk Management (4 sub-initiatives)
 - Crosscut (5 sub-initiatives)
- **Specific Interest Areas**
 - Lean/Six Sigma Enterprise Concepts
 - Enterprise Integration / Interoperability Enabling Concepts
 - Design For Production / Production Engineering
 - Others as recommended by Navy PEOs
- **Open, collaborative projects w/ broad applicability**
- **Rapid execution**

Call for Panel Whitepapers

- **ECB has not yet approved the plan, but the following assumptions are not unreasonable:**
 - Anticipate release **this summer** coincident with next Research Announcement
 - Nominally \$600K in funding
- **Panels encouraged to begin whitepaper development now**

Questions?