

# **NSRP Update**

## **Environmental Technologies Panel Meeting**

**June 21-23, 2006**

**Mobile, AL**

# 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
  - 2<sup>nd</sup> 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 1<sup>st</sup> Cycle**                      **5 Phase I Projects Completed**  
**4 Phase II Awards In-process**
  - **FY05 3<sup>rd</sup> Cycle**                      **6 Phase I Selection Made; Contracts**  
**Awarded**
  - **FY06 1<sup>st</sup> Cycle**                      **3 Phase I Awards Approved (in**  
**Contracting)**
  - **FY06 2<sup>nd</sup> Cycle**                      **May 1 2006 Topic Announcement**
  - **FY06 3<sup>rd</sup> 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?**