

# Systems Technology Panel Agenda

- **Thursday, April 22, 2010**
- **8:00 A.M.**
  - **STEP Shipbuilding Interoperability Forum** **G. Radack**
    - Conference Call
- **10:00 A.M.**
  - **Break**
- **10:15 A.M.**
  - **Discussion of Proposed Changes to Systems Section of NSRP Strategic Investment Plan (SIP)** **R. Wood**
  - **Upcoming Activities for 2010** **B. Gischner**

# **Systems Technology Major Initiative Panel**

- **Funded under NSRP A.S.E. Program**
- **Affiliated with SNAME Ship Production Committee**
- **Panel Mission**
  - **The Systems Technology Panel provides a public forum for discussing the overall application of information technologies to shipbuilding. It includes the underlying information systems infrastructure required to support the other NSRP A.S.E. initiatives**
- **Panel Focus**
  - **Technology Transfer**
  - **Networking**

# **Systems Technology Panel Chairperson**

- **Serves for 2 Year Term**
- **Must be Employed by a Shipyard**
- **Must be a Member of SNAME**
- **Currently:**
  - **Dr. Burton Gischner**
  - **Electric Boat Corporation**
  - **E-Mail:** **bgischne@gdeb.com**
  - **Phone:** **860-433-3948**
  - **Term of Office Expires:** **January 2011**

# **Systems Technology Panel**

## **Vice-Chairperson**

- **Serves for 2 Year Term**
- **Currently:**
  - **Dr. Gerald Radack**
  - **Concurrent Technologies Corporation (CTC)**
  - **E-Mail:** **radack@ctc.com**
  - **Phone:** **610-449-3853**
  - **Term of Office Expires:** **December 2011**

# **Status of NSRP Panels for 2010**

- **As the forecast for NSRP funding for 2010 is significantly improved, the ECB has indicated that the panels will be supported for full operations**
  - **This will include the execution of Panel Projects, holding 3 Panel Meetings per year, active participation in the Ship Production Symposium and in ShipTech**
- **Abstracts for Papers for the Ship Production Symposium (to be held in Bellevue, WA on November 3-5, 2010) were due on April 20, but late submissions may be accepted if one submits them quickly**
- **A Research Announcement has also been issued for major projects totaling about \$10 million**
  - **Project Proposals have been submitted and reviewed**
  - **Final project selection by the ECB will be made on April 28-29, 2010 and projects should be underway shortly after that**

# **Strategic Investment Plan (SIP)**

- **In 2010, an update is planned to the NSRP ASE Strategic Investment Plan (SIP)**
- **This will be the first modification to this plan since 2005**
- **Updating activities are underway**
  - **Kick-off Meeting was held on February 23, 2010**
  - **Prioritization Workshop was originally scheduled for May 4-6, 2010 but has been postponed for 1 to 2 months**
- **Suggestions and inputs are welcome, and proposed changes in the Systems Technology section of the SIP should be communicated to:**
  - **Systems Technology Major Initiative Team Lead (Ron Wood)**  
or
  - **Systems Technology Panel Chairperson (Burton Gischner)**

# Systems Technology Panel

## Upcoming Activities

- **Typically hold 3 meetings per year**
  - Try to hold one each on East Coast, Gulf Coast, & West Coast
  - Try to hold jointly with other panels or in conjunction with other events
- **Proposed Upcoming Activities**
  - **Joint Meeting with Product Design & Materials Technology Panel (PDMT)**
    - Proposed for September 2010 timeframe
    - Washington, D.C. area
  - **Ship Production Symposium**
    - November 3-5, 2010
    - Bellevue, WA
  - **Potential Joint Panel Meeting**
    - With Shipyard Production Process Technologies (SPPT) Panel and Business Process Technologies Panel
    - December 2010 in New Orleans, LA
  - **ShipTech 2011**
    - March 15-16, 2011
    - Biloxi, MS

# **Systems Technology Panel**

## **Project Selection**

- **Panel Project Proposals**
  - **Maximum funding request allowed for a project is \$100K**
  - **Must be completed within 1 year**
  - **Cost Share is optional**
  - **Panel can approve at most 3 proposals**
- **ECB anticipates awarding at least \$600K total to projects proposed by the ten panels**
  - **Typically over 20 projects are presented from the 10 panels**
  - **Expectations are that about 10 projects will be awarded**
- **Schedule**
  - **ECB has not yet announced a schedule for 2011 Panel Project Proposals**
  - **If they are due after our next Systems Technology Panel Meeting (in the September/October timeframe), we will vote at that meeting**
  - **If they are due earlier, then we will select projects via mail ballot**

# **Rules for Voting at a Systems Technology Panel Meeting**

- Any panel member attending the September meeting is eligible to vote**
- Each voter has 10 votes which can be divided among the projects he/she endorses in any way they choose**
- Ballots should be signed since ECB wants to know which projects were supported by shipyard participants**
- After the initial votes, a second round of voting will be held to decide whether the panel wishes to submit one, two, or three projects for ECB consideration**
  - More than one project from a panel can be awarded, but ECB asks for “weighting factor” to indicate project’s support**
  - Suggestion: Submit multiple projects if they received comparable levels of support**
  - Do not submit project with minimal support since ECB will notice and take that into consideration**

# **Proposed Rules for Voting via Mail Ballot**

- **Any panel member who has attended any of the last three meetings (September 2009, December 2009, or April 2010) is eligible to vote**
- **Voting will be conducted by e-mails sent to the Panel Chairperson**
- **Each voter has 10 votes which can be divided among the projects he/she endorses in any way they choose**
- **Based upon the voting “spread”, the Panel Chairperson will decide whether to submit one, two, or three projects for ECB consideration**
  - **More than one project from a panel can be awarded, but ECB asks for “weighting factor” to indicate project’s support**
  - **Suggestion: Submit multiple projects if they received comparable levels of support**
  - **Do not submit project with minimal support since ECB will notice and take that into consideration**
- **Since the Panel has never conducted a vote via mail ballot, the above are merely suggestions for discussion at this time**

# History of Systems Technology

## Panel Project Proposals

- **2002**                      **2 Submitted**    **1 Awarded**
- **2003**                      **2 Submitted**    **0 Awarded**
- **2004**                      **3 Submitted**    **3 Awarded**
- **2005**                      **3 Submitted**    **1 Awarded**
- **2006**                      **3 Submitted**    **2 Awarded**
- **2007**                      **3 Submitted**    **1 Awarded**
- **2008**                      **2 Submitted**    **1 Awarded**
- **2009**                      **2 Submitted**    **0 Awarded**
- **Project Lead on Proposals**
  - **Shipyard**                      **5 Submitted**    **4 Awarded**
  - **Others**                      **15 Submitted**    **5 Awarded**
- **Dollar Values of Proposals Submitted**
  - **Awarded**                      **Low = \$40K**      **High = \$100K**      **Average = \$67K**
  - **Rejected**                      **Low = \$30K**      **High = \$100K**      **Average = \$76K**