

Environmental Technologies Panel Meeting

Host: Northrop Grumman Ship Systems
Avondale Shipyard

Location: New Orleans, LA

Date: February 14-16, 2007

Frank Thorn – Chairman

Wayne Holt – Vice-Chair

Environmental Technologies Panel Meeting

ETP CHAIR REPORT

- Wednesday Agenda
- Steering Committee
- Funded Phase 2 Residual Risk Regulations (RRR)- Funding ends June 30, 2007
- White Papers submitted to ATI Sep. 28, 2006
- ECB presentations in DC Nov. 9, 2006
- SPCC and Env. Metrics Projects Funded for 2007
- CTC RA Project Support for RRR Funded
- ETP Officer Election for Chair and Vice-Chair
- NSRP Future and Alternate Funding
- Future Project discussion
- Local shipyard attendance
- Shipyards in the News

Environmental Technologies Panel Steering Committee

- Donna Elks – EB (Chair)
- Mike Chee - NASSCO
- Vince Dickinson - BIW
- Sandor Halvax – BAE Systems (Active members list)
- Wayne Holt - Atlantic Marine
- Pat Killeen – Signal International
- David Kopack - NAVSEA
- Al Rainsberger – Foss Maritime
- Mark Ross – NG Ship Systems

- Personnel from academia and consulting firms will be asked to participate in meetings to provide input

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ETP CHAIR REPORT

- **Date:** September 28, 2006
- **To:** NSRP ASE Technical Director
- **From:** Frank H. Thorn, ETP, Panel Chairman
- **Subject:** White Paper Submission(s)
- The Environmental Technologies Panel presents the attached white paper submissions in response to your request.
- This project was voted on in accordance with established bylaws during September 2004, the outcome of which is as follows:

- Project Title: Development of Shipyard Environmental Metrics
- Yards who voted for the project: NGNN, NASSCO, BIW, EB, Atlantic Marine, Southwest Marine (BAE), NORSHIPCO (BAE), Todd Pacific, Signal International, NAVSEA
- Yards who voted against the project:: NONE Weighting Factor (out of 100) **55**

- Project Title: Guidebook For Implementing New SPCC Regulations
- Yards who voted for the project: NGNN, NASSCO, BIW, EB, Atlantic Marine, Southwest Marine (BAE), NORSHIPCO (BAE), Todd Pacific, Signal International, NAVSEA
- Yards who voted against the project:: NONE Weighting Factor (out of 100) **45**
- **TOTAL 100**

As the Panel Chair for Environmental Technologies Panel (SP-1), I certify that the above project was selected fairly and is supported by the industry as represented by this panel. I understand that based on funding availability and the number of white papers submitted, one or more of these projects may not be funded.

- Frank H. Thorn September 28, 2006
- Name Date

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RESIDUAL RISK – WELDING EMISSIONS

- Flawed data and Survey-Fall 2002
- Letter to EPA funded by NAVSEA
- Additional info to EPA funded by NSRP
- Shipyard Welding Emission Model funded by NSRP
- Phase 1 RRR/Presentation to ECB 11-03-04-Awarded \$70K
- Vince Dickenson BIW– Project Lead
- Phase 1 RRR Funding ended Nov. 30, 2005-extended to Feb.28, 2006
- Phase 2 RRR/Presentation to ECB Feb. 06 – Awarded \$96K
- Phase 2 RRR funding ends November 30, 2006 extended to June 30, 2007

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Shipyards in the News

- ISO 14001 Environmental Management Certifications:
NASSCO
Electric Boat
NG Newport News
Bath Iron Works
BAE Systems San Diego
- Continental Maritime Newport News
First shipyard to achieve zero discharge for NPDES Permit
- Bath Iron Works
First shipyard to achieve EPA Environmental Performance Track Certification

Information Sources

www.nsrp.org

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

Other Funding Sources

www.navysbir.com

www.zyn.com