



Ship Design & Material Technologies Panel Meeting

Mobile, AL

March 17-18, 2011

The Ship Design and Materials Technology Panel will meet at the [Hilton Garden Inn](#), Mobile, AL. The SDMT technical program will be focused on aluminum with discussion of panel business and current NSRP Projects associated with the SDMT Panel. The morning of 18 March, there will be a tour of Austal USA shipyard. The shipyard tour will be restricted to US Citizens only.

AGENDA

Thursday, March 17, 2011

USS Alabama Ballroom

7:30	Continental Breakfast	
8:00	Call To Order & Opening Remarks	Dave Wood, Panel Chair
8:10	MITL update	Barry Espeseth, Electric Boat
8:20	NSRP ECB Welcome	Craig Perciavalle, Austal
8:25	NSRP Program update	Allen McConnell, NAVSEA
8:30	Manufacturing and Assembly Technology for Low Cost Pultruded Composites – RA Project update	Mark Losset, NGSB Gulf Coast
9:05	Alternative Marine Aluminum Joining using Mechanical Fasteners and Adhesives	Dr. Brett Conner, Alcoa
9:40	Break	
10:00	Emerging EWI Technologies for Shipbuilding Applications	Dr. Dennis Harwig, EWI
10:35	Issues with aluminum marine structures	Dr. Cathy Wong, NAVSEA SEA 05P
11:05	Panel project update – Maestro with NVR Strength Criteria Analysis	Shaun Hunter, DRS Defense Solutions
11:40	Lunch (Provided)	
12:30	Aluminum Friction Stir Welding Qualifications	Ms. Maria Posada, NSWCCD
1:05	Panel project update – Design Manual for Fabricated Shapes	Paul Blomquist, Applied Thermal Sciences
1:40	Processes for FRC aluminum construction	Dennis Fanguy, Bollinger
2:20	Break	
2:50	Shipyard orientation and aluminum at Austal	Austal
3:25	Aluminum design impacts within the auto and aviation industry and shipbuilding study	Dhiren Marjadi, Altair Engineering
4:00	Panel Business	Dave Wood, Panel Chair
4:30	Adjourn	

Friday, March 18, 2011

6:00	Continental Breakfast	USS Alabama Ballroom
6:45	Bus starts loading near front entrance of the hotel	
7:00	Bus departs	
7:30	Tour of Austal USA	
9:30	Adjourn	

