



Product Design & Material Technologies Panel Meeting

Biloxi, MS

March 10-11, 2010

The Product Design and Materials Technology Panel will meet at the Beau Rivage Resort, Biloxi, MS, following the ShipTech 2010 Conference (also at the Beau Rivage). The PDMT technical program includes a review of ongoing PDMT projects and a series of presentations on composite material technologies and applications. The PDMT technical program presents a mix of design and material focused topics.

AGENDA

Wednesday, March 10, 2010

2:00	Kick-Off	Dave Wood, Panel Chairman
2:15	NSRP Update	Jim House, Technical Director
2:30	MITL Update	Barry Espeseth, MITL, GD Electric Boat
2:45	Development of a Manufacturing and Assembly Methodology for Low Cost Pultruded Composites	Mark Lossett, NGSB
3:15	Cost Effective Specification Panel Project	Tom Ingram, ABS
3:45	VIRGINIA Class Block IV Initiative: Reduction of Total Ownership Cost, Socialization of Effort	Piet Vandine, GD Electric Boat
4:15	DDG 1000 ceramic/composite armor production program	Jerry Fanucci, Kazak Composites
5:00	No-Host Social (heavy Hors D' Oeuvres provided)	

Thursday, March 11, 2010

8:00	Day 2 Announcements	Dave Wood, Panel Chairman
8:10	Advanced Design, Advanced Materials, Advanced Technology: Achieving Breakthrough Performance in Ship Design and Construction	Paul Bloomquist, Advanced Thermal Sciences
8:40	Improved Scantling Approval	Andy Davidson, NASSCO
9:15	Multi-continuum Theory (MCT) for composites analysis	Bart McPheeters, NEI Software
9:50	Break	
10:10	Increasing efficiency of your ship model analysis integration—welding and model integration	David Wert, MSC Software
10:50	Simulation and Optimization Driven Design Process for Ships	Dhiren Marjadi, Altair Engineering
11:30	Panel Business-Adjourn	Dave Wood, Panel Chairman
12:00	Adjourn	

