

**Product Design and Materials Technology Panel Meeting
January 31 – February 1, 2007**

Wednesday, January 31

2:30 – 2:40	Call To Order & Opening Remarks	Dave Wood, NGSS
2:40 – 3:00	NSRP Program Update	Jim House, ATI
3:00 – 3:30 3:30 – 4:00 4:00 – 4:15 4:15 – 4:30	Review of Ongoing PDMT Projects and Initiatives: <ul style="list-style-type: none"> • Common Parts Catalog (CPC) Projects • 2nd Tier Shipyard Design Enhancement Project • Shipbuilding Opportunities in Short Sea Shipping • Design For Production (DFP) Workshop 	Barry Espeseth, Electric Boat Patrick Roberts, Bender Shipbuilding John Malone, Malone Consulting Prof. Richard Storch, U. of Washington
4:30 – 4:45 4:45 – 5:00 5:00 – 5:15 5:15 – 5:30	Presentations on Proposed PDMT Panel Projects: <ul style="list-style-type: none"> • Composites Lessons Learned • Composite Survivability Barriers • Rapid Generation of FEMs from 3D CAD • Numerical Tool for Composite Structures 	Harold Brashears & Mark Losset, NGSS Bonnie Jordan, NGNN Molly Hong, Altair Engineering, Inc. Garrett Sonnenberg, NGNN

Thursday, February 1

7:30 – 7:55	Continental Breakfast	
7:55 – 8:00	Call To Order	Dave Wood, NGSS
8:00 – 9:00	Composites: Experiences, Challenges, Opportunities	Panel of Shipyard Representatives
9:00 – 9:30	Update on Naval Composite Structures Research and Applications at NSWC Carderock Division	Dr. Gene Camponeschi and Dr. Eric Rasmussen – NSWCCD
9:30 – 9:50	BREAK	
9:50 – 10:20	Challenges in Composite Shipbuilding	Dan Cole – NGSS
10:20 – 10:50	Construction of the AH-100 Hovercraft	Kurt Peterson – Atlas Hovercraft
10:50 – 11:20	Composite Analysis for Maritime Applications	Tony Abbey – Noran Engineering
11:20 – 12:00	An Approach to Affordable Shipbuilding	Rick Thorpe – Herbert Engineering
12:00 – 1:00	LUNCH	
1:00 – 1:30	Composite Optimization Design Methods	Jeffrey Wollschlager & Molly Hong – Altair Engineering, Inc.
1:30 – 2:00	Pultrusion-Based Ship Structures and Systems	Jerry Fanucci – Kazak Composites
2:00 – 2:30	Composite Tactical Shelters	Rob Banerjee – WebCore Technologies
2:30	Adjourn Presentation Session	Dave Wood, NGSS
2:30 – 3:00	Bus Transport from Hotel to Seemans Composites	
3:00 – 4:30	Tour of Seemans Composites Inc.	
4:30 – 5:00	Bus Transport from Seemans Composites to Hotel	