

NSRP | National Shipbuilding Research Program

Joint Panel Meeting – Electrical Technologies & SDMT

Southwest Research Institute (SwRI)

Building #265

6220 Culebra Rd

San Antonio, TX 78238

Meeting Agenda

** Times listed are Central Time Zone*

Day 1 – Tuesday, 5/5/2026

Time	Presentation	Speaker
7:30 AM	Breakfast	
8:00 AM	Convene Meeting	
8:00 AM	Welcome & Introductions	Jason Farmer, Electrical Technologies Panel Chair Steve Scholler, Ship Design & Material Technologies Panel Chair
8:15 AM	NSRP Update	ATI
8:30 AM	Welcome to Southwest Research Institute (SwRI)	Karen Carpenter, SwRI
9:00 AM	Automation and Robotics	Logan McNeil, EWI
9:30 AM	Distributed Temperature Sensing (DTS) Integration into Ship Electrical Plant Monitoring and Controls	Gio Tomasi, RSL Fiber Systems
10:00 AM	Break	
10:15 AM	USCG Product Lifecycle Management Data Requirements Interface Mapping RA project	John Walks, SSI
10:45 AM	Panel Project Update: 15kV MIL-SPEC Cable Development for U.S. Navy Ships	Greg Keyes, Ingalls Shipbuilding Bruce Sinnott, Marmon Aerospace and Defense
11:30 AM	SDMT Topic	TBD
12:00 PM	Lunch	



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Day 1 (Continued)

Time	Presentation	Speaker
1:00 PM	Navy Fiber Optic Specs and Standards Update	Chris Good, Brandon Nelson, NSWC Dahlgren Division
1:30 PM	NAVSEA 05P Update	Chris Rogers, NAVSEA 05P
2:00 PM	NAVSEA 05Z3 Update	Chris Nemarich, NAVSEA 05Z33
2:30 PM	Project update: Fiber Optic Cables Enhancements	Gio Tomasi, RSL Fiber Systems
3:00 PM	Break	
3:15 PM	Project update: High Density Blown Optical Fiber Cable and Tooling for Shipboard Installations Qualification	Josh Seawell, Sumitomo Electric
3:45 PM	SDMT Topic	TBD
4:30 PM	Adjourn	

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Day 2 – Wednesday, 5/6/2026

Time	Presentation	Speaker
7:30 AM	Breakfast	
8:00 AM	Convene Meeting	
8:00 AM	Tour of Southwest Research Institute Laboratories	
12:00 PM	Lunch	
1:00 PM	Southwest Research Institute Defense and Intelligence Solutions Division Overview	Bob Heidinger, SwRI
1:30 PM	SDMT Topic	TBD
2:00 PM	Overview of FY'26 New Starts: <ul style="list-style-type: none"> • Evaluate Nord-Lock Wedge Washers for Electrical Applications on Navy Ship • Multiphysics-Driven Arc-Fault Detection for Shipboard Electrical Systems • Improving Shock M&S Requirements and Criteria • AI Island 	Project Teams
3:30 PM	For the Good of the Panel / Open Discussion	All
4:00 PM	Adjourn	