

NSRP | National Shipbuilding Research Program

Electrical Technologies Panel Meeting

Schweitzer Engineering Laboratories (SEL)
2350 NE Hopkins Court
Pullman, WA 99163

Meeting Agenda

* Times listed are PST

Day 1 – Tuesday, 8/18/2026

Time	Presentation	Speaker
8:00 AM	Breakfast	
8:30 AM	Convene Meeting	
8:30 AM	Welcome & Introductions	Jason Farmer, Electrical Technologies Panel Chair
8:45 AM	NSRP Update	ATI
9:00 AM	Welcome to Schweitzer Engineering Laboratories	Kylan Robinson, SEL
9:30 AM	Distributed Temperature Sensing (DTS) Integration into Ship Electrical Plant Monitoring and Controls	Gio Tomasi, RSL Fiber Systems
10:30 AM	Break	
10:45 PM	NAVSEA 05Z3 Electrical Specs and Standards Update	Chris Nemarich, NAVSEA 05Z33
11:15 AM	NAVSEA Fiber Optic Specs and Standards Update	Chris Good, NSWC Dahlgren Division
11:30 AM	Lunch	
12:30 PM	SEL Electronic Device Manufacturing Tour**	Kylan Robinson, SEL
2:00 PM	Evaluate Nord-Lock Wedge Washers for Electrical Applications on Navy Ship	Jim Cunard, Ingalls Shipbuilding
2:30 PM	Shipboard Fiber Optic Cables Enhancements	Gio Tomasi, RSL Fiber Systems
3:00 PM	High Density Blown Optical Fiber Cable and Tooling for Shipboard Installations Qualification	Adair Brown, Sumitomo Electric
3:30 PM	Break	
3:45 PM	15kV MIL-SPEC Cable Development for U.S. Navy Ships	Greg Keyes, Ingalls Shipbuilding Bruce Sinnott, Marmon Aerospace and Defense
4:15 PM	Multiphysics-Driven Arc-Fault Detection for Shipboard Electrical Systems	Dr. Philip Pong, Tanima Bal, NJIT
4:45 PM	Review Day 1 Action Items / Closing Remarks	Walt Skalniak, Electrical Technologies Panel Vice-Chair
5:00 PM	Adjourn	



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Day 2 – Wednesday, 8/19/2026

Time	Presentation	Speaker
8:00 AM	Convene Meeting	
8:00 AM	Tour of Schweitzer Engineering Laboratories** - Printed Circuit Board Facility - R&D Laboratory **Must be pre-registered	Kylan Robinson, SEL
12:00 PM	Lunch	
1:00 PM	Navy Initiatives in Distributed Temperature Sensor and Distributed Acoustic Sensor Technologies	Joshua Carter, NSWC Dahlgren Division
1:30 PM	PP'27 Overview	ATI
1:30 PM	FY27 Panel Project White Paper Presentations - Author/Lead to give overview of White Paper/Project 10 minutes/project - Please send Quad Chart prior to meeting	Project Teams
3:00 PM	Break	
3:15 PM	FY27 Panel Project White Paper Presentations	Project Teams
4:45 PM	For the Good of the Panel / Open Discussion	All
5:15 PM	Review Action Items / Closing Remarks	Walt Skalniak, Electrical Technologies Panel Vice-Chair
5:30 PM	Adjourn	