

Welding Technology Panel Meeting AlcoTec, Traverse City, MI

Day 1 – Tuesday, 8/2/2022 (Meeting at Park Place Hotel)

Time	Presentation	Speaker
8:00 AM	Welcome and Introductions	Paul Hebert Panel Chair
8:15 AM	AlcoTec – Welcome and Overview	TBD
8:30 AM	NSRP Update	Lydia Szydlo ATI
8:45 AM	Rapid Adoption Project – Electronic Weld Records	Megan Brinker, Teri Hess TruQC
9:15 AM	AlcoTec Presentation – Topic TBD	TBD
9:45 AM	Break	
10:00 AM	Development of Hybrid Laser Procedures for Materials with Toughness Requirements	Jonathan Roberts Ingalls Shipbuilding
10:30 AM	Procedure Qualification Schemes for DED Additive Manufacturing - NiAlBrz and High Strength Steels	Dennis Harwig EWI
11:00 AM	AlcoTec Presentation – Topic TBD	TBD
11:30 AM	Lunch Break	
12:30 PM	Laser Ultrasonics for In-Line Weld Inspection	Marvin Klein Intelligent Optical Systems, Inc
1:00 PM	Overview of K-TIG and Applications for Shipbuilding	Jason Sherman K-TIG
1:30 PM	RA Project Presentation – Tele-Welding Phase 2 RA-21 Project Status Update	Connie Reichert EWI
2:00 PM	Break	

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Day 1 – Tuesday, 8/2/2022 (Continued)

Time	Presentation	Speaker
2:15 PM	Panel Project Proposal Discussion – <ul style="list-style-type: none"> - Reducing Silicate Formation from GMAW to Enable Mechanized Multi-Pass Welding w/o Intermediate Cleaning (Kevin Roossinck-Ingalls) - Electric Powered Handheld Portable Rotary Friction Stud/Plug Welding Utility Powered Tool (John Griffin-Fusematic) - Process Improvement of Al Pin Welding for Insulation Retention (Joe Reisinger-Trident) - Scanner for Corrosion Pitting – EWI - Penetration Control for GTAW – EWI - Anti Spatter Coating for Weld Thru Primer – EWI - Mobile Robot Welding using Smart Camera in the Torch System - Jerry Jones, Energyntech 	Various
3:45 PM	Closing Remarks	Paul Hebert
4:00 PM	Meeting Adjourns	

Day 2 – Wednesday, 8/3/2022 (Tour of AlcoTec)

Time	Presentation	Speaker
8:00 AM	Meet at AlcoTec for Tour of Facility	None
Noon	Meeting Adjourns	