

Electrical Connector Standardization Project Kick – Off Meeting

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GENERAL DYNAMICS
Bath Iron Works



AGENDA

- Mission Statement
- Project Participants
- Quad Chart
- Primary Objectives
- Current Status



MISSION STATEMENT

Use previous studies and findings to investigate opportunities and propose plans to standardize and consolidate electrical connectors used on a ship program(s) to reduce variation, inventory and program costs

The word "OPPORTUNITY" is displayed in a 3D perspective using blue letter blocks. Each letter is on a separate block, and the blocks are arranged in a slightly staggered line. The blocks are blue with white letters. The word is reflected on the surface below it.

PROJECT PARTICIPANTS

- ATI Mark Smitherman – Business Manager
- HII John Walks – TPOC
- D'Angelo Technologies Maurissa D'Angelo – TPOC
- HII-NNSB Glenn Dorsey – PTR
- NAVSEA Christopher Nemarich
- BIW
 - Larry Boyce – Project Manager
 - Rickey DeLoge – TPOC

Electrical Connector Standardization

Joint Panel Project: Ship Warfare Systems Integration and Electrical Technologies Panels

PROJECT INFORMATION	OBJECTIVE
<p><u>Prime/Lead</u>: Bath Iron Works</p> <p><u>Team Members</u>: D'Angelo Technologies, Hill Ingalls SY</p> <p><u>Duration</u>: 12 Months</p>	<p>Identify the degree of connector consolidation that is available for a given ship class; determine the available savings resulting from the recommended available consolidation opportunities; create a business case that identifies specific opportunities to receive benefit from connector standardization; and present an implementation plan for a given ship class.</p>
DELIVERABLES/BENEFITS/ROI	FINANCIAL
<ul style="list-style-type: none"> • Report summarizing the costs and benefits from instituting a consolidation effort for a particular ship program; implementation plan • Reduced costs of installation, testing and training • Improved first time installation quality • Reduced inventories 	<p>Program Funds: \$150K</p> <p>Cost Share: \$0K</p>



Electrical Connector Standardization Objectives

Joint Panel Project: Ship Warfare Systems Integration and Electrical Technologies Panels

- Extends the findings of previous efforts to create a business case to standardize connectors to the greatest extent possible
- Focus on control, communications & instrumentation
- Demonstrate for a specific ship program(s) how common connector components can be beneficial
- Costs & benefits will be analyzed...30% cost reduction is targeted



Current Status

Joint Panel Project: Ship Warfare Systems Integration and Electrical Technologies Panels

- Project Kick has been delayed due to finalizing and executing participant contracts
- The KO meeting is ready to be scheduled once contractual issues are addressed



GENERAL DYNAMICS

Electrical Connector Standardization

NSRP ETP

