

Robotics Division
Standards Committee Report

NDIA Robotics Division Meeting
February 27, 2007

Committee Mission Statement

Mission – coordinate the unmanned systems standardization activities within the Department of Defense in the areas of components, systems, safety, security, and integration. These areas include specification, philosophy, requirements, and criteria for robot to operator control unit (OCU), robot to robot, OCU to OCU, and robot to payload interfaces for unmanned air, ground, surface, and underwater vehicles.

Committee Organization

- Primary POC:
 - Jorgen Pedersen, re², Inc.,
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- Co-Leads:
 - Jorgen Pedersen, re², Inc.,
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 - Timothy Pasko, BAE Systems,
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Upcoming Milestones

- Perform an extensive analysis of existing unmanned system (and related) standards.
- Perform an Analysis of Alternatives (AoA) for integrating key interoperability standards such as the SAE Joint Architecture for Unmanned Systems (JAUS) standard and the NATO STANAG 4586 standard.
- Perform an AoA for addressing security and safety with regards to unmanned system standards.

Committee Plan of Action

- Solicit input from leaders in each identified standard in order to perform AoA in regards to interoperability and safety/security standards
- Committee meetings
 - Summary of Minutes from past meetings
 - Schedule of future meetings
- Responsibility:
 - Interoperability standards: Jorgen Pedersen
 - Safety/security standards: Timothy Pasko