

**Joint Robotics Program
Working Group
(JRPWG)**

June 24-25, 2003

Lake Guntersville, AL

Minutes of Meeting

1. The 14th semiannual Joint Robotics Program Working Group (JRPWG) was held at the Lake Guntersville, Alabama State Park Lodge, from 8:00 AM, June 24, 2003 until 1:00 PM, June 25, 2003.
2. The meeting agenda is provided at [TAB A](#), and the attendee list at [TAB B](#).

DAY ONE:

3. A “Newcomers Brief” was given prior to the start of the meeting. There were approximately 25 attendees. The briefing is at [TAB C](#).
4. A meeting of the Robotic Systems Pool Management Board (RSP MB) was held prior to the start of the Working Group.
5. Mr. Jeff Kotora made opening administrative comments.

COMMAND WELCOME

6. Col Terry Griffin and Mr. Cliff Hudson welcomed everyone to Alabama and to the 14th JRP Working Group.

BRIEFINGS

7. **UGV/S Joint Project Office, Redstone Arsenal, AL:** Mr. Steve Thibadoux of the JPO and Dr. Scott Fish of SAIC briefed the current fielding plan for Future Combat Systems. Their briefings can be found at [TAB D](#) and [TAB E](#).
8. **PM Robotics and Unmanned Sensors, Ft. Monmouth, NJ:** Mr. Michael Madden presented UGV Sensors in Support of FCS. His briefing can be found at [TAB F](#).
9. **NSWC DD Coastal Systems Station, Panama City, FL:** Mr. Helmut Portmann provided a briefing on Joint Unmanned Systems Common Control (JUSC2) ACTD. This is an attempt at integrating the 4 key technology components of Machine Interface (non-

proprietary), Communications (RF WAN), Open Architecture Processing (non-proprietary) and Unmanned Systems Management Interface. His briefing can be found at [TAB G](#).

10. **US Special Operations Command (USSOCOM) Tampa, FL:** Mr. Dan Bernard provided an update to the Pathfinder ACTD. The primary objective of this ACTD is to provide networked communications, real-time urban reconnaissance and effective targeting for precision weapons with advanced surveillance technologies, local C3, a network(s), and unmanned platforms. His briefing can be found at [TAB H](#).

11. **Communications and Electronics Research, Development, and Engineering Center (CERDEC), Ft. Belvoir, VA:** Mr. Gene Klager provided a briefing on the NVESD Sensors for Robotics including the Urban/Cave Assault Vehicle (UCAV), Cost Effective Targeting System (CETS) / Networked Sensors for the Objective Force ATD, Mine Detection False Alarm Reduction (MDFAR) for Improved Optempo, and Autonomous Mine Detection Sensors (AMDS). His briefing can be found at [TAB I](#).

12. **Blitz Solutions, Inc, Ashburn, VA:** Mr. John Blich provided an overview of Mobility Challenges for Rescue Robots as experienced at the World Trade Center and in Afghanistan. His briefing is not available

13. **Air Force Research Laboratory, Tyndall AFB, FL:** Maj Timothy Schulteis and Mr. John Messamore provided an AFRL RACS Update including Airborne Engineer EOD, REDCAR, Robo-Trencher, Stork, and the upcoming FP Battlelab Robot Exposition. Their briefing can be found at [TAB J](#).

DAY 2

14. **US Marine Corps Combat Development Command, Quantico, VA:** Mr. Robert Parks provided an overview of the Gladiator Tactical Unmanned Ground Vehicle (TUGV) Program. The program is currently scheduled to reach Milestone B by FY 04 with demonstrations scheduled for the Sep/Oct 03 timeframe. His briefing can be found at [TAB K](#).

15. **Aviation and Missile Research, Development and Engineering Center, Redstone Arsenal, AL:** Dr. Al Killen presented a briefing on AMRDEC's Unmanned Systems Initiative. The initiative is meant to address the challenges of lethal payloads, interoperability and commonality. His briefing can be found at [TAB L](#).

16. **Joint Service Explosive Ordnance Disposal, Indian Head, MD:** Mr. Byron Brezina briefed the PMS EOD programs including Remote Ordnance Neutralization System (RONS), RONS Continuous Improvement Program (CIP), Man Transportable Robotic System (MTRS), and the EOD Robotics Roadmap. His briefing can be found at [TAB M](#).

17. **MANCEN DCD, Engineer Division, Ft. Leonard Wood, MO:** LTC Darold McCloud presented an overview of the Objective Engineer Force Robotics and Unmanned Systems User Modernization and Action Plan. His briefing can be found at [TAB N](#).
18. **TARDEC, Robotic Mobility Laboratory, Warren, MI:** Dr. Grant Gerhart provided an update to Vehicle Technology Integration (VTI) efforts to include the recent demonstration held at Ft. Bliss, TX. His briefing can be found at [TAB O](#).
19. **TARDEC, Robotic Mobility Laboratory, Warren, MI:** Mr. Bill Smuda provided an update to the Omni-Directional Inspection system (ODIS) program. His briefing can be found at [TAB P](#).
20. **PM, Physical Security Equipment, Ft. Belvoir, VA:** LTC Eugene Stockel provided a briefing concerning Tactical Expansion of the Mobile Detection Assessment Response System – Exterior (MDARS-E). His briefing can be found at [TAB Q](#).
21. **US Air Force Special Forces Battle Lab, Lackland AFB, TX:** SMSgt Kenneth (Mike) Mikell provided an overview of the upcoming Force Protection Battlelab Robot Exposition scheduled for Aug 6th.
24. **NEXT MEETING:** The next meeting is scheduled for December 2-3 2003 in San Diego, CA, hosted by the Navy.
25. **ADJOURNMENT/ACKNOWLEDGMENTS:** Mr. Hudson recognized the Joint Project Office for their contributions in hosting the JRP. The meeting adjourned at 1:00 PM.