

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

December 2-3, 2003

San Diego, CA

Minutes of Meeting

1. The 15th semiannual Joint Robotics Program Working Group (JRPWG) was held at the Town & Country Resort Hotel, San Diego, CA, from 7:30 December 2, 2003 until 3:00 PM, December 3, 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 35 attendees. The briefing is at [TAB C](#).
4. Mr. Jeff Kotora made opening administrative comments.

COMMAND WELCOME

5. Mr. Bart Everett and Mr. Cliff Hudson welcomed everyone to San Diego and to the 15th JRP Working Group.

BRIEFINGS

6. **US Army Engineer Research & Development Center:** Dr. Jim Lever briefed on the Winter Use of Ground Robots at the Cold Regions Research and Engineering Laboratory. His briefing can be found at [TAB D](#).
7. **Unit of Action Maneuver Battle Lab, Ft. Knox, KY:** Mr. Walt Meinshausen briefed Future Combat Systems Unmanned Systems Capabilities Gap. His briefing can be found at [TAB E](#).
8. **Unit of Action Maneuver Battle Lab, Ft Knox, KY:** Mr. Steve Swan briefed Future Combat Systems Unmanned Systems Update. His briefing can be found at [TAB F](#).
9. **Maneuver Support Center, Ft. Leonard Wood, MO.:** Mr. Dave Knichel briefed Engineer Multi-Robot Countermeasure for FCS. His briefing can be found at [TAB G](#).

10. **Dismounted Battlespace Battle Lab, Fort Benning, GA:** Mr. Irving (Rod) Rodriquez of the DBBL briefed a DBBL Update. His briefings are not available.
11. **Joint Forces Command, J9:** Mr. Gordon Johnson briefed Unmanned Effects: Taking the Human Out of the Loop. His briefing can be found at [TAB H](#).
12. **SPAWAR Systems Center, San Diego, CA.:** SPAWAR hosted a tour of their facilities and a technology walk through of ongoing projects.

DAY 2

13. **Robotic Systems Pool Management Board (RSP MB):** A meeting of the RSP MB was held prior to the start of Day 2 of the Working Group.
14. **US Army Medical Research & Material Command, Ft Detrick, MD:** Dr. Gary Gilbert briefed Conceptual Model and Prototype for Intelligent Robotic Casualty Extraction & Evacuation. His briefing can be found at [TAB I](#).
15. **Project Manager, Instrumentation Targets & Threat Simulators, Orlando, FL:** Mr. Bob Arora briefed Mobile Ad Hoc Networking (MANET) in a Wireless Environment. His briefing can be found at [TAB J](#).
16. **Research Development & Engineering Command (RDECOM), Simulation & Training Technology Center (STTC), Orlando, FL:** Mr. Sam Wilson briefed Simulation, Testing & Training Technologies for Intelligent Behaviors for Autonomous Systems. His briefing can be found at [TAB K](#).
17. **US Air Force, Force Protection Battle Lab, Lackland AFB, TX:** SMSgt Kenneth Mikell briefed Remote Detection, Challenge, and Response (REDCAR). His briefing can be found at [TAB L](#).
18. **US Air Force Air Combat Command, Langley AFB, VA:** MSgt Mike Haque briefed Operation Iraqi Freedom Airborne EOD Operations. His briefing can be found at [TAB M](#).
19. **US Air Force Air Combat Command, Langley AFB, VA:** Mr. Jim Russell briefed USAF EOD Robotics (Supporting OIF). His briefing can be found at [TAB N](#).
20. **738th Engineering Installation Squadron, Keesler AFB, MS:** Capt Chris Miller briefed Robo Trencher. His briefing can be found at [TAB O](#).
21. **US Special Operations Command (USSOCOM), Tampa, FL:** Mr. Bob Walther briefed USSOCOM Overview Robotics Initiatives. His briefing can be found at [TAB P](#).

22. **US Army Engineer School, Ft Leonard Wood MO:** Mr. Terry O'Donoghue briefed OIF Operating Environment & Countermine Capabilities. His briefing can be found at [TAB Q](#).
23. **US Marine Corps Combat Development Command, Quantico, VA:** Mr. Eric Geissler briefed Gladiator Tactics, Techniques & Procedures (TTP) Development. His briefing can be found at [TAB R](#).
24. **Maneuver Support Center, Ft. Leonard Wood, MO:** Mr. Tom Bizzell briefed Future Engineer Force Robotics and Unmanned Systems User Modernization and Action Plan. His briefing can be found at [TAB S](#).
25. **Maneuver Support Center, Ft. Leonard Wood, MO:** Mr. Robert Derr briefed Implementing NBC Future Architecture. His briefing can be found at [TAB T](#).
26. **Maneuver Support Center, Ft. Leonard Wood, MO:** Mr. Dave Knichel briefed Military Police Future Robotics and Robotics Decontamination. His briefing can be found at [TAB U](#).
27. **NEXT MEETING:** The next meeting is scheduled for June 29-30 2004 at Quantico, VA, hosted by the USMC.
28. **ADJOURNMENT/ACKNOWLEDGMENTS:** Mr. Hudson recognized SPAWAR for their contributions in hosting the JRP. The meeting adjourned at 3:00 PM.