

# JOINT ROBOTICS PROGRAM (JRP) WORKING GROUP (WG)

May 30-31, 2001

Panama City Beach, Florida

## *Minutes of Meeting*

The agenda is provided at [Tab B](#) and the attendees list at [Tab C](#).

1. Day One – May 30, 2001. The semiannual Joint Robotics Program Working Group (JRPWG) Meeting was held at the Marriott Bay Point Resort Village, Panama City Beach, FL from 0900 on May 30 until 1600 May 31, 2001.

a. A “Newcomer’s Brief” was given prior to the start of the meeting. The charts used are at [Tab D](#).

b. Opening administrative comments were made by Mr. Lew Goldberg. The official command welcome was given by LTC (P) Don Huckle. During his remarks, he expressed that the robotics community has gotten larger, and is becoming much more important for the members of the JRP to educate the user on the current capabilities and potential future users of robotics.

### CHAIRMAN’S REMARKS:

c. The Joint Robotics Program Coordinator, Mr. Michael Toscano, opened the meeting with preliminary remarks. He stressed the importance of communications and teamwork in the robotics community. He closed by giving the audience an overview of the presenters and their topics that would be given throughout the meeting. He also encouraged everyone to view the RAVENS display set up by the UGV/S JPO. Mr. Toscano’s slides can be viewed at [Tab E](#).

### PMS-EOD:

d. Mr. Paul Milcetic and Mr. Chris DeBolt, EOD Program Office, Naval Explosive Ordnance Disposal Technology Division (NAVEODTECHDIV), gave a PMS-EOD update on the Joint Service EOD Robotic Programs and Roadmaps. Mr. Milcetic and Mr. DeBolt’s briefing charts are at [Tab F](#).

## ARMY RESEARCH LABORATORY (ARL) – DEMO III

e. Dr. Jon Bornstein, ARL Robotics Program, briefed on DEMO III progress. Dr. Bornstein showed a video that described the current status of the DEMO III vehicle. Dr. Bornstein also stressed the development of modular transferable or transportable software/hardware packages that go onto multiple systems. Dr. Bornstein's slides are at [Tab G](#).

## ADVANCED CONCEPT TECHNOLOGY DEMONSTRATIONS (ACTD):

f. Dr. Charles Kimzey, ODUSD, Advanced Systems and Concepts, gave an ACTD overview. He pointed out that the ACTD was designed to accelerate the pace of technology into the hands of the warfighter. Dr. Kimzey's briefing charts can be viewed at [Tab H](#).

## AIR FORCE RESEARCH LABORATORY (AFRL):

g. Capt. David Shahady, Team Leader of Robotics Research Group, provided an AFRL update. He briefed the current AFRL projects at Tyndall AFB. He stressed their focus is to apply technology across the spectrum of robotics, and the importance of modular systems capable of accepting and integrating new technology. Capt. Shahady concluded by stating their vision is to have one system of robots to focus on supporting all Agile Combat Support. Capt. Shahady's briefing charts can be found at [Tab I](#).

## AFRL DEMONSTRATION:

h. AFRL provided a two-hour demo at Tyndall AFB, which featured five robotic systems working as a team to protect the force. The demo exhibited AFRL's vision of what Robotics for Agile Combat Support will look like.

2. DAY TWO – Thursday, May 31, 2001.

## UNMANNED GROUND VEHICLES/SYSTEMS JOINT PROJECT OFFICE (UGV/S JPO):

a. Day two began with a dual presentation by LtCol Rich LeVan and the UGV/S JPO team. He discussed the future of the RCSS acquisition program and then invited Mr. Bill Adams to discuss the UGV Rapid Obscuration Platform (ROP) Program.

(1) Mr. Bill Adams, representing the user community at MANSCEN showed UGV Rapid Obscuration Platform video. Mr. Adams indicated that the video was designed to show the multiple uses of robotic technologies for the engineers, military police, and the NBC community at Fort Leonard Wood, MO.

(2) Mr. Larry Hennebeck briefed the various Tactical Unmanned Ground Systems of the UGV/S JPO, and played a brief video on the Gladiator. Mr. Hennebeck's briefing charts are at [Tab J](#).

(3) Mr. Gene Downs briefed the RAVENS program and provided details about the RAVENS demonstration that was displayed at the meeting. Mr. Downs' charts can be viewed at [Tab K](#).

#### TARDEC:

b. Mr. Jeff Jaczkowski and Dr. Grant Gerhart, TACOM, provided a TARDEC update. Mr. Jaczkowski discussed the progress, accomplishments and future endeavors of the Robotic Follower ATD. He also showed a video of the XUV's performance. Dr. Gerhart provided an update on the Intelligent Mobility Program. Mr. Jaczkowski and Dr. Gerhart's briefing charts can be found at [Tab L](#).

#### PM-PSE:

c. Mr. Mike Johnston, PM-PSE Support, provided an information overview of the MDARS Program and where they stand today. He focused on the capabilities and future planning for the MDARS system. Mr. Johnston's briefing slides can be viewed at [Tab M](#).

#### UK RCV:

d. Mr. Mark Ruglys, RAVEN/DERA (UK), introduced the UK's RAVENS Program to the Working Group. He defined RAVENS as a program integrating current and future systems in order to achieve more efficient capabilities in the future. Mr. Ruglys' briefing charts are at [Tab N](#).

#### SPAWAR:

e. Mr. Mike Blackburn, SPAWAR Systems Center, provided examples of robotic programs that SPAWAR is currently working. He keyed in on MDARS (Interior and Exterior), Man Portable Robotic Systems, ROBART Series (I, II, III), etc. Mr. Blackburn's briefing slides are at [Tab O](#).

#### AMRDEC:

f. Mr. Robert Wade, AMRDEC Robotics Team, presented a briefing on AMRDEC's role in the robotic community. He showed two videos. One was a demonstration of the LAW firing at Ft. Knox, and the other was the JAVELIN being fired from an XUV at Redstone Arsenal, AL. Mr. Wade's briefing charts can be found at [Tab P](#).

#### USLW ICT:

g. Mr. Bob Dodd, HQ TRADOC ODCSCD, provided an Integrated Concept Team (ICT) update. He indicated the USLW ICT report remains unapproved. In the meantime, preparation is being made for the road ahead. Mr. Dodd's briefing charts can be viewed at [Tab Q](#).

#### TECHNICAL SUPPORT WORKING GROUP (TSWG):

h. The program closed with Mr. Todd Anderson, Manager – TSWG International Programs CTTSO, who gave an informational TSWG Overview. He emphasized their structure, their current status, and their future endeavors. Mr. Anderson's briefing charts can be found at [Tab R](#).

#### NEXT MEETING

4. The next meeting will be held on 7-8 November 2001 in Fort Knox, KY. There will also be a TRADOC Action Officer Meeting held at Fort Knox on 6 November 2001.

#### ADJOURNMENT

5. The meeting adjourned at 1600.