



# governmentattic.org

*"Rummaging in the government's attic"*

Description of document: **Minutes from States Marine Corps (USMC) Joint Non-Lethal Weapon (JNLW) Program Non-Lethal Weapons Joint Integrated Product Team (NLW IPT 97-04) Meeting, 16 September 1997**

Requested date: 06-October-2007

Released date: 15-November-2007

Posted date: 02-June-2009

Source of document: US Marine Corps Systems Command  
Commanding General  
LAW  
2200 Lester Street, Suite 120  
Quantico, VA 22134  
Email: [bobbie.cave@usmc.mil](mailto:bobbie.cave@usmc.mil)  
Fax: 703-432-3483

The governmentattic.org web site ("the site") is noncommercial and free to the public. The site and materials made available on the site, such as this file, are for reference only. The governmentattic.org web site and its principals have made every effort to make this information as complete and as accurate as possible, however, there may be mistakes and omissions, both typographical and in content. The governmentattic.org web site and its principals shall have neither liability nor responsibility to any person or entity with respect to any loss or damage caused, or alleged to have been caused, directly or indirectly, by the information provided on the governmentattic.org web site or in this file. The public records published on the site were obtained from government agencies using proper legal channels. Each document is identified as to the source. Any concerns about the contents of the site should be directed to the agency originating the document in question. GovernmentAttic.org is not responsible for the contents of documents published on the website.



UNITED STATES MARINE CORPS  
MARINE CORPS SYSTEM COMMAND  
2200 LESTER STREET  
QUANTICO, VIRGINIA 22134-5010

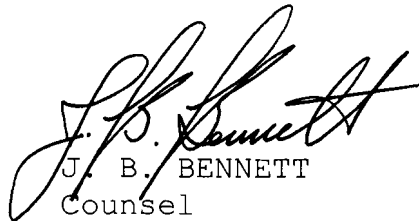
IN REPLY REFER TO:  
5720  
LAW/BCC  
MCSC200800032  
15 NOV 07

This responds to your Freedom of Information Act (FOIA) request dated October 6, 2007, for a copy of "Minutes from JNLW IPT Meeting - 16 Sep 98."

The requested document is enclosed.

Fees will be assessed upon completion of the last document processed under your October 6, 2007 request.

Any questions concerning this matter should be directed to Mrs. Bobbie Cave at (703) 432-3934 or [bobbie.cave@usmc.mil](mailto:bobbie.cave@usmc.mil).

  
J. B. BENNETT  
Counsel



**UNITED STATES MARINE CORPS**  
 JOINT NON-LETHAL WEAPONS DIRECTORATE  
 3097 RANGE ROAD  
 QUANTICO, VIRGINIA 22134-5100

5000  
 NLWD 97-37  
 23 Sep 97

From: Director, Joint Non-Lethal Weapons Directorate  
 To: Distribution List

Subj: MINUTES FROM NON-LETHAL WEAPONS JOINT INTEGRATED PRODUCT  
 TEAM (NLW IPT 97-04) MEETING ON 16 SEPTEMBER 1997

Encl: (1) List of Attendees  
 (2) IPT Briefing Slides  
 (3) Summary of Taskings

1. The principals from the Non-Lethal Weapons Joint Integrated Product Team (NLW IPT) met at Headquarters, U.S. Marine Corps, Washington D.C., on 16 September 1997. LtGen Steele USMC served as Chairman of the NLW IPT; MG Adams USA was the Vice Chair. A list of attendees is at Enclosure (1).

2. The purpose of the meeting was to review the status of the Joint NLW efforts since the last IPT meeting and to gain the IPT's concurrence with the Joint NLW POM Working Group's (PWG's) recommendation for POM-00.

3. Col Mazzara presented a briefing on the status of Joint NLW program, the results of the Joint Technology-Investment Proposal Review Panel, and his observations from a recent trip to Bosnia. The following summarizes his remarks:

a. The Joint NLW Program has made significant progress since the last IPT meeting:

- \* The Joint NLW Directorate was established on 1 July 1997
- \* The Joint NLW Concept is ready for the NLW Executive Agent's signature and will be forwarded to the Joint Doctrine for publication upon signature
- \* The Joint NLW Master Plan is in "working-level" staffing
- \* The Joint NLW Management Plan is in staffing and will be forwarded to LtGen Steele upon incorporation of Service comments. (The NLW Management Plan explains how the NLW Directorate "does business")
- \* Progress is being made on Joint ORDs (and in line with the Concept-Based Requirements System (CBRS))
- \* There is interest from the Service War Colleges on research projects on NLWs
- \* The Joint TIP Review Panel and the Joint NLW PWG met and prepared recommendations

b. The following summarizes the major points of discussion from his briefing:

1) **Liaison Officer's billet within the NLW Directorate.** LtGen Steele asked if the NLW Directorate (NLWD) was completely staffed. Col Mazzara indicated that the military Liaison Officer's billet would not be filled until next year. He also indicated that he would welcome any Service that wanted to place an officer in the NLWD. LtGen Steele asked for a paper on the vacant billet for his use in discussions with Manpower Division, HQMC.

2) **Review of Joint Service NLW Memorandum of Agreement.** Col Mazzara asked for the NLW IPT's concurrence in initiating an annual review of the Joint Service MOA. He indicated that he believes that some "efficiencies" may be gained by restructuring the management oversight of the Joint NLW program. LtGen Steele tasked Col Mazzara to begin the review. Mr Henry indicated (OSD(A&T)) that he also supported the review.

3) **Obligation/expenditure of funds.** Col Mazzara informed the NLW IPT that his efforts to bring the funding obligation/expenditure rates in line with the Navy Comptroller's goals was an on going process with some early successes. He praised the Comptroller's support in understanding the impact of receiving the FY96 and FY97 funds late in the fiscal year and indicated that his office was aware that the "honeymoon" period would go away by next summer. He briefly explained how the process of sending funds to other Services (cross-disbursements) created delays in entering the expenditure of funds into the Defense Financial Accounting System. Col Voorhees indicated that SOCOM has the same problem and that he would share their lessons learned with the NLW Directorate (NLWD). LtGen Steele asked if the FY98 funds were going to be applied to next year's work in the same priority as the FY97 list of programs. Col Mazzara indicated that there has not been any change in the priority of programs from the JCRG. Later in the meeting, LtGen Steele asked if the JAG sensed the same sense of urgency in executing the funds. Col Mazzara indicated that they did.

4) **Operational Requirements Documents.** Col Mazzara briefed that the requirements community was still playing "catch up" and that, although efforts are ongoing for writing ORDs, there could be a problem if the programs reach the point of transitioning into formal acquisition programs and the ORDs have not been signed. He explained that a Joint working group "writing session" will be held at Quantico, VA, during October to draft ORDs and that the NLWD is still sorting out the process for staffing and approving the Joint NLW ORDs. He indicated that he would be ready to brief the NLW IPT on the Joint NLW ORD process at the next NLW IPT. LtGen Steele asked if he (or members of the NLW IPT) could help. Col Mazzara asked that requirements personnel be given more time to complete the drafting before asking for the IPT member's assistance. He indicated that his office would monitor the progress closely and would seek the IPT's assistance if needed. MG Adams indicated that having a signed ORD was crucial to including procurement funding in the Army's POM. The other IPT members agreed.

5) **NLW Director's Trip to Bosnia.** Col Mazzara briefed the NLW IPT on the highlights of his recent trip to Germany to visit the V Corps Headquarters and the 1st Infantry Division, Task Force Eagle in Bosnia. Accompanying Col Mazzara were Col Jim Bald, Amry Material Command, MSG Schiff, Army Military Police School, GySgt Carlson, and SFC Barnes also from the Army Military Police School.

a) **Briefing/Training Team.** Col Mazzara related that the briefing team quickly turned into a training team focused on how to load, aim, shoot, and clean the 40mm M203 Grenade Launcher with the modified 37mm NL munition and how to throw the special nonlethal dye marker grenade. He also described the other types of sponge, stinger ball, foam batons, and converted fire trucks/water cannons that were being considered for employment. Col Mazzara talked briefly about the use of lethal ammunition in the upper barrel of a M203 and a nonlethal munition in the lower barrel. He indicated that additional work with the doctrine commands was needed on this concept and that battle drills were being developed by the units in Bosnia.

b) **Foams.** Col Mazzara also briefed the NLW IPT on the discussions with Army leaders on the use of NL foams. The focus of the talks were on EUCOM's interest sticky foams. He indicated that he had informed them that there are specific problems with that type of foam (e.g., a minimum working temperature of 40+ degrees and the possibility of asphyxiation if used against personnel). He explained that it may take as much as 5-10 minutes to remove the foam from one square inch of body surface. He also briefed that the Marine Corps did use sticky foam, but only in conjunction with barriers in Somalia. LtGen Steele asked if we could get foam experts together with the CINCEUR staff to discuss this further. Col Mazzara stated that this had already been accomplished.

c. His briefing slides are Enclosure (2).

4. Col Mazzara then presented the results of the Joint NLW TIP Review Panel followed by the Joint NLW PWG for the IPT's approval. Those briefing slides are also included as part of Enclosure (2). The following summarizes his remarks:

a. **FY98 Technology Investment Program.** "*Technology Investment*" is one of the five major funding categories for the Joint NLW Program. While the TIP is intended to solicit input from government laboratories, civilian industry, and academia, because of time constraints for FY98 funding, the call for proposals for FY98 funding was limited to government laboratories/agencies only. Note: the NLW IPT previously approved spending \$750,000 on the TIP for FY98 and \$1,500,000 for FY99 and authorized the JCRG/JAG to approve the final decision on which programs to fund.

1) The proposals were reviewed first by a technical assessment group, and then by a panel of Integrated Product Team service representatives chaired by the Joint NLWD. Of the 63 proposals submitted, three were selected for FY98 and FY99 funding.

<b>Proposal</b>	<b>FY98</b>	<b>FY99</b>	<b>Developer</b>
Spider Fiber Entangler	\$74K	\$223K	NSWCDD
NL EM Pulser	\$200K	\$200K	NRL
Odorous Substances	\$135K	\$175K	ERDEC
<b>TOTAL</b>	<b>\$410K</b>	<b>\$598K</b>	
<b>Excess</b>	<b>\$340K</b>	<b>\$902K</b>	

2) Col Mazzara indicated that requirements appear to be focusing on longer range, increased stand-off applications for non-lethal weapons and that a portion of the excess funds will be used to draft a Broad Area Announcement to industry for additional proposals. The remaining funds are to be held until the results of the BAA are evaluated. Col Voorhees indicated that the excess funds may be needed to pay for "taxes" normally levied against programs by the Comptroller's Office.

b. **Joint NLW POM-00.** Ms Susan LeVine presented the briefing on the Joint NLW POM-00 development. She informed the IPT principals that a Joint NLW POM Working Group (PWG) had convened at Quantico, VA, and had developed a Joint NLW POM-00 program around seven areas:

- \* EA/Directorate Support
- \* Service Project Management Support
- \* Modeling & Simulation
- \* Experimentation
- \* Technology Investment
- \* Service Tech Base & Acquisition Programs (12 programs)
- \* New Initiatives (5 programs)

1) Ms LeVine provided a detailed funding breakout by program/by fiscal year explaining that the FY00-05 program was based on the annual funding levels contained in PBD 719 (escalated by 2.4% inflation for FY04 and FY05). In addition, Ms LeVine provided two pie charts showing the relative percentages of funding to each of the seven general areas and the breakout of programs within the Technology Base area. See briefing charts at Enclosure (2).

2) She informed the NLW IPT that the Joint NLW POM-00 has to be submitted to the Marine Corps by 19 September in order to have it included in the Marine Corps' core program (protected against having to compete against other Marine Corps programs) and that the NLW JCRG and JAG had endorsed the proposal.

3) Ms LeVine discussed each element of the POM proposal. The following discussions ensued:

a) Mr Henry commented that acoustics is the largest item in the POM and that the program seems to be taking a long time. Ms Baldwin indicated that acoustics will be a completely new type of weapons system (compared to simply adding NL applications to various kinetic munitions) and that the acoustics program would move from a concentration on (bio-effects) studies in the near years to weaponization in the later years of the POM. She also indicated that the acoustics program has "go/no-go gates" with respect to bio-effects identification that must be met by FY99 for the program to continue.

b) LtGen Steele asked if the lead Service organization for the development programs matched the lead Service organization for drafting the ORD. Ms LeVine indicated that lead Service organizations for development programs had not been finalized and that the NLWD

would be asking for the JAG's endorsement of lead Service organizations at the next JAG meeting and that she would brief the proposal to the NLW IPT at the next NLW IPT meeting.

c) Col Mazzara interrupted Ms LeVine to stress that "an absence of procurement funds in the Services' POMs would invalidate the Joint requirements". LtGen Steele asked the Service representatives for their thoughts on deadlines for approving ORDs as it applies to getting procurement funds into their respective Service POMs. MG Adams reiterated the point that the Army must have an approved ORD in order to compete for procurement funds. Col Voorhees indicated that SOCOM must have approved ORDs by May 1998. Col Mazzara acknowledged that he would push to ensure that the NLW ORDs are ready.

d) LtGen Steele asked if there were any issues or concerns with merging the proposed UGV NL Payload and UAV Hovering initiatives into the more general "Advanced Vehicle Applications" funding line. There was no response. Concurrence was assumed.

e) Ms LeVine indicated that the Marine Corps volunteered to be the Service lead in Capability Sets and that the JAG had acknowledged the request. LtGen Steele indicated that he saw the \$50,000 in the FY01-05 for the Capability Sets as simply a place holder. Col Mazzara agreed and informed the NLW IPT that he would be hosting a meeting with CINC representatives within the month to discuss urgent procurements for emergencies/ contingencies. MG Adams supported the need for a Capability Set/Contingency Package effort and a Service lead assignment and indicated that he didn't believe that a contingency set for each CINC would be the most efficient way to stockpile support packages. LtGen Steele briefly mentioned the need for looking at global sourcing as an option.

f) LtGen Steele asked for any comments or concerns with the proposed NLW POM. All Services concurred with the Joint NLW POM-00 as presented.

6. **Taskings**. See Enclosure (3).

7. **Concluding Remarks**. Col Mazzara concluded with the following remarks:

a. The Master Plan is important but behind the ORD in priority.

b. The drafting of ORDs will receive a great deal of attention in the near-term. When asked by LtGen Steele if the problem was in the priority of work for the individuals responsible for writing ORDs, Col Mazzara acknowledged that it was. MG Adams asked for a milestone schedule for drafting and approving ORDs. Col Mazzara indicated that he would provide one within two weeks.

c. The JNLWD will be looking for the most efficient and effective way to manage the Joint NLW program as they review the Joint Service MOA.

d. Based on his trip to Bosnia, the JNLWD would be looking into the need to "flesh out" the training concept for nonlethal weapons. Everyone in Bosnia agreed that the NLW Tactics, Techniques, and Procedures (TTP) publication is needed.

8. **Other topics.** LtGen Steele asked for other discussion items.

a. Mr Swett brought up the following topics:

1) He indicated that had received favorable comments on Col Mazzara's (et.al.) recent trip to Bosnia and that he wished to pass on a "well done" to all. LtGen Steele also commented that he had been in Europe at the same time and had visited some of the same locations. He too had received favorable comments and added his compliments to those of Mr Swett.

2) He indicated that an Inter-Agency Working Group (IWG) might be meeting soon and might look into expanded concepts for NLWs. Major Jim Seaton, USMC, from the National Security Council would be participating.

3) He informed the NLW IPT that it is likely that NATO will form a panel of NLW experts this fall and that the Joint NLW Director should be prepared for participation.

4) He informed the NLW IPT of a recent British medical journal article on non-lethal weapons and elaborated that there are two doctors (one British and one Swiss) that may start a political campaign against non-lethal systems citing the systems intentionally inflict pain and suffering which would violate the Geneva Convention. He stated that OSD was not sure if the doctors would be successful in gaining support for their position, but that the NLW IPT and the Joint NLW Director should be aware.

5) He also mentioned that there would be an International Conference in London this fall and that he, Col Mazzara, and Ms Hildi Libby would be speaking.

b. LtGen Steele concluded the meeting by saying that we are in the first inning of a nine inning ball game and asked the members to "keep focus" and continue to move forward. There were no other topics to discuss, so the meeting was adjourned.



A. F. MAZZARA  
Colonel, U.S. Marine Corps

Distribution:  
All Attendees  
ARDEC  
NSWCDD  
Phillips Laboratory  
Armstrong Laboratory



## **LIST OF ATTENDEES**

### **Marine Corps**

LtGen Marty Steele, DC/S PP&O (Chairman, NLW IPT)  
Maj Chris Ajinga, HQMC (Code POS)

### **Army**

MG Ronald Adams, ADCSOPS-FD  
Ms Kristen Baldwin, HQDA, ODCSOPS  
LtCol Jeff Brooks, SARDA-FD

### **Navy**

Capt Bob Rieve, OPNAV-N85  
Mr Kelly Donegan, CNO (OPNAV N851)

### **Air Force**

Col David Edgington, Dep XOR  
Maj Buzz Sawyer, AF/XORBP

### **Special Operations Command**

BG William Brown, USSOCOM J5  
COL Delloyd Voorhees, SOAC-D  
Maj Bill Bender, USSOCOM SOJ5-0

### **Office of Secretary of Defense**

Mr Don Henry, OSD (Munitions)  
Mr Charles Swett, OSD (Policy) (SO/LIC)

### **Department of Energy**

Mr Andrew C. Millunzi, DOE-DP15

### **Joint Non-Lethal Weapons Directorate**

Col A.F. Mazzara, USMC, Director, NLW  
Mr Terry Wright, Deputy Director, Joint NLW Directorate  
Ms Susan LeVine, Head, Joint NLW Program Coordination Cell  
Ms Patty Gore, Financial Analyst

Enclosure (1)