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Description of document: **Minutes from United States Marine Corps (USMC) Non-Lethal Weapons (NLW) Joint Acquisition Group (JAG) Voting Principals Meeting, 09-April-1998**

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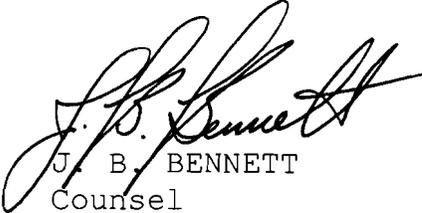
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This responds to your Freedom of Information Act (FOIA) request dated October 6, 2007, for a copy of "Minutes from the NLW JAG Voting Principals Meeting."

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.


J. B. BENNETT
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16 April 98

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

Subj: **MINUTES OF THE NLW JOINT ACQUISITION GROUP (JAG) VOTING PRINCIPALS MEETING ON 9 APRIL 1998**

Encl: (1) List of Attendees
(2) Follow-up/Action Items

1. The Non-Lethal Weapons Joint Acquisition Group (NLW JAG) Voting Principals met at Headquarters, Marine Corps Systems Command (MARCORSYSCOM), Quantico, Virginia, on 9 April 1998. MajGen Williams, Commander MARCORSYSCOM, served as the JAG Chairman. A list of attendees is at Enclosure (1).

2. The meeting was called to review the status of efforts since the last JAG meeting and to gain the JAG Principal's concurrence with the assignment of Acquisition Lead Services for the twelve Joint Programs. This meeting was a prelude to the Joint NLW Integrated Product Team (IPT) meeting that will be held on 5 May 1998.

3. In a general introduction, Col Mazzara highlighted various efforts that are being worked throughout the Joint NLW community. These included the work to help shape NATO's NLW policies and the draft Presidential Decision Directive (PDD) for NLW. In addition, he mentioned the interest in the Tactics, Techniques, and Procedures (TTP) experiments conducted by the Army, the Army's Maneuver Support Battlelab and their work in Anti-personnel Landmine Alternatives, the Air Force's Force Protection Battlelab (FPBL), and the plan to focus more resources on the collection of weapons performance and effects data for use in simulation models.

4. Col Mazzara reported that all action items from previous JAG meetings have been completed with the exception of finalizing the plan for the remaining FY98 Technology Investment Program (TIP) funding. He explained that the majority of these funds would be incorporated into the FY99 TIP effort. He also presented an update on a meeting with the UAV JPO (JAG tasking from the 14 November 1997 meeting). He reported that the UAV JPO was receptive to supporting the JNLW program and that the Pioneer would probably be in service until 2003-2005. Capt McGrath stated that the Navy POM does not have any O&M funding for the Pioneer UAV Squadron and that he is reluctant to support additional NLW UAV work focused on the Pioneer. Col Mazzara noted that the Army and the Marine Corps have now expressed interest in vertical take off systems. He stated that additional discussions are needed before any decision is made.

5. Col Mazzara presented his assessment of the current Joint NLW R&D programs (based on his Midyear Program Reviews conducted during February and March 1998).

a. **General comments.** Col Mazzara presented the following general comments:

1) Some program milestones are not being met. Some of these programs have slipped as much as one to two years.

2) The transition of programs from technology offices into acquisition offices has not been as smooth or timely as desired.

3) The process of selecting payloads for individual NLW systems was not as smooth as desired and has, in some cases, delayed the approval of ORDs and the transition of programs into acquisition offices.

4) The Vortex Ring Gun (VRG) and the Under-barrel Tactical Payload System (UTPS) programs have lost "Joint Interest" status and will not be funded under the Joint NLW program unless the Army continues the efforts through their experimentation funding line.

b. **Plan to formalize programs.** Col Mazzara complimented the requirements community for their efforts in completing the ORDs in time to support the Service's POMs. He explained that the focus now shifts to the acquisition community to establish these efforts as formal acquisition programs and that we need to present the programs to Milestone Decision Authorities (MDAs) within the next six months. In order to facilitate the process of assigning MDAs, Col Mazzara explained that the JAG needed to approve the assignment of Service acquisition leads and that, once approved, he would send a letter to the Service Acquisition Executives (SAEs) requesting that they accept the Service lead for their programs and designate appropriate MDAs and Program Managers.

c. **Acquisition Phase.** Col Mazzara identified four programs that the JNLWD and the current Service project leader have agreed are ready to proceed into Engineering & Manufacturing Development (EMD). Those programs are the 40mm Non-Lethal Crowd Dispersal Round (NCDR), the Modular Crowd Control Munition (MCCM), the 66mm Non-Lethal Munition (NLM), and the Portable Vehicle Immobilization System (PVIS). He then identified the Bounding Non-Lethal Munition (BNLM), Rigid Foam, Canister-Launched Area Denial System (CLADS), and the UAV Non-Lethal Dispensing Systems as candidates ready for a MSI decision (Product Definition/Risk Reduction (PD/RR)). The Maritime Vessel Stopper and the Ground Vehicle Stopper programs were assessed as ready for a MSO decision (Concept Exploration). The JAG Voting Principals concurred with the plan to proceed to formal milestones on these programs. MajGen Williams explained that formal milestones with designated MDAs are key to having "focused schedules" and avoiding slips in the future.

d. Progress and Funding

1) Col Mazzara explained that he and his staff have assigned "red-yellow-green" ratings to each program for "progress towards meeting objectives" and for "funding execution performance". No programs were assessed as "red" during this review. The following "yellow" assessments were made for the reasons explained:

a) MCCM-yellow for progress due to lack of a plan for the mounting brackets.

b) BNLM-yellow for progress due to additional effort needed to finalize the specific payload before proceeding into EMD.

c) CLADS-yellow for progress due to additional effort required to finalize the specific payload before proceeding into EMD. Mr. Desmond commented that the contractor failed in a proof of principle demonstration in 4thQtr97 which has contributed significantly to the project difficulties.

d) UAV NL Dispensing System-yellow for progress due to additional effort required to finalize the specific payload before proceeding into EMD, lack of program progress, and the need to develop a specific program plan. Col Mazzara commented that these issues were beginning to be resolved.

e) MVS-yellow for progress due to lack of a defined program. Capt McGrath complimented the JNLWD (Mr. Stull) on his "excellent" paper on Ground Vehicle Stopper technology and pointed out that the Navy's effort to narrow the target set has benefited their program. He suggested that the GVS program would benefit from a similar effort. Col Owen concurred with broadening the current study of technologies. Mr. Desmond commented that the Army has already conducted sufficient studies and that "electromagnetics is all that is out there".

e. General Comments

1) Col Mazzara concluded his remarks on the Midyear Reviews stressing the need to have MDAs assigned and for the Program Managers involvement early in the acquisition process.

2) Col Mazzara commented that the decision on conducting an Analysis of Alternatives for the Acoustics and Active Denial Technology Programs will not be made until the Service reaches a MS 0 decision. Capt McGrath pointed out that these Science and Technology programs need approved program plans as well and offered the Navy's Non-Acquisition Program Definition Document (NAPDD) as a model.

3) Col Mazzara explained that the Army is determining if they will continue to work on the UTPS and the VRG through their Experimentation Program now that the two programs have lost joint interest.

6. Technology Investment Program (TIP). Col Mazzara briefly explained that the Spider Fiber program has been down-scoped and that the NL Electromagnetic Pulse program highlighted the need for a better process of selecting programs. Col Mazzara stated that the JAG Working Group was briefed on the Army ACT II process and that the JNLWD will restructure the TIP selection process along those lines in FY99.

7. **Modeling and Simulation**. Col Mazzara stated that the JNLWD is redirecting the M&S effort towards collecting performance and effects data and explained that the JNLWD will work through the Joint Warfighting Center vice trying to manage an independent NLW M&S program. He explained that JCATS Version 1.1 will have models for crowd behavior when fielded and that he is exploring the use of the Marine Corps' Small Unit Leader's NL Trainer (SULNT) for analytical applications.

8. **Realignment of Funding**. Col Mazzara explained that he has about \$400K to realign yet this fiscal year and that if programs do not look like they will be meeting the Navy Comptroller's obligation/expenditure goals by the end of May, he will realign funding into programs that can meet the comptroller's goals. He explained that his first priority is to compress schedules, second to reduce risk, and third to fund new concepts and applications.

9. **Assignment of Service Lead Organizations**. Mr. Swenson provided the JAG Principals with a list of programs and recommended Service Leads. He also discussed the need to identify the participating Service's acquisition commands involved in fielding the NL items and the need for the lead Service to work with the participating Services to ensure Service procurement funds will be available at the time of the MSIII approval.

a. Col Owen stated that the Marine Corps would like to assume the program lead for the Foams Program. He explained that the Marine Corps would continue to use ERDEC as the technical laboratory while assuming acquisition responsibilities (MDA, acquisition/ program management oversight) within the Marine Corps. Mr. Desmond stated he wants to go back to the "developer" before he agrees. Col Bald stated that, on balance, this seems to be a fair request and that he would provide an Army position as soon as possible. MajGen Williams stated that he thinks that it's healthy to have all Services involved in the management of programs. In his words: "you have buy-in when you have responsibility".

b. Col O'Connor stated that Air Force Material Command will not be involved in the acquisition of these systems. He stated that the FPBL would provide O&M money to buy these assets and that he would provide additional information on how the Air Force would be involved in the milestone decision process, acquisition strategy, and plans for fielding this equipment.

c. The JAG Voting Principals concurred with the Army having the Service lead for all programs except the MVS, ADT, UAV NL Dispensing System and Foams. The Navy will have the lead for the MVS and the UAV NL Dispensing System (the organization within the Navy will be determined at a later date). The Air Force will have the lead on the ADT. The final decision on the Foams Program will be determined after the Army provides a position. Mr. Swenson asked the Services to provide any changes to the Service Acquisition Lead matrixes and to fill in where "TBD" is listed.

10. **Status of procurement funding in Service POMs**. Col Mazzara asked for a discussion on the status of Service procurement funding lines in their respective POMs.

MajGen Williams stated that we are going to lose congressional support if the Services do not POM for NLW procurements. He related that (historically) if we do not fund procurements for Joint programs, we run the risk of having the program taken away from us to form a Joint Program Office, and that JPO's, as a whole, are notorious for little progress.

a. Col Owen stated that the Marine Corps has been successful in getting procurement funding in FY04-05, but has not yet put any funding in FY00-03. Ms. Baldwin stated that the Army was successful in getting a procurement funding line started in FY00, but that specific funding lines for individual programs were not identified in their POM. Col Owen expressed concern over the commitment of the Army to specific fielding dates and explained that the Marine Corps' POM was built on schedules provided by the current program managers and asked if the current schedules for reaching Initial Operating Capability (IOC) will be met. Mr. Desmond assured him that they would. Col Owen's explained how breaches in the schedule (milestone slips) would impact on Service procurement funds and would require adjustments to budgets. Ms. Baldwin explained that the Army would commit to specific IOC dates during their POM-to-Budget conversion. Capt McGrath stated that the Navy does not have any NLW funding in their POM and will not put any in it for POM00.

b. Col Owen also pointed out that MS 0's were needed, not because of the maturity of particular technologies, but to support funding in the POM. MajGen Williams supported Col Owen by explaining that he did not want to see the Joint NL program be viewed as a "hobby shop" effort. He explained that the benefit of obtaining a MS 0 is in the support for funding that it brings with it. Col O'Connor concurred.

11. **FY99 JNLW Program Plan.** Mr. Wright explained that significant modifications to the FY99 funding plan would be needed and provided examples of the changes in the programs that made the original FY99 plan invalid. He explained that the JNLWD will develop a new plan and present it at the next JAG meeting for approval. Col Owen expressed interest in submitting a separate funding request for the Marine Corps without having to go through the other Service's program offices. Col Mazzara explained that the participating Service's requests would have to be broken out into individual programs so the lead Service's PM and the JNLWD could track funding by programs. The specific process for combining individual Service requirements for funding into a single program line will be worked out by the JNLWD.

12. **Concluding Comments**

a. Col Mazzara asked the JAG Voting Principals to begin thinking about establishing a "Joint Operational Support Stock (JOSS)" as a method to conserve procurement funding. He explained that this concept has been implemented within the Special Operations Command with success and that the JNLWD would continue to explore this concept and present it at the next JAG meeting.

b. Col Mazzara also mentioned that the Air Force has several directed energy programs that overlap with Joint NLW efforts. He explained that he has observed a reluctance to share information among the Air Force, Army and Navy laboratories and asked the JAG Principals to address this issue within their Services.

c. Col Bald concluded with a strong endorsement of the Joint NLW effort citing that NLWs are key elements of the Army's top five MOEs. He specifically mentioned the reduction of civilian casualties and collateral damage.

d. A list of Follow-up/Action Items is at Enclosure (2).

e. Col Mazzara informed the JAG Principals that the next meeting will be in late August or early September 1998.

Signed

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

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Follow-up/Action Item List
JAG
9 April 1998

Program	Suspense	Task	Action Officer
Joint NLW Program	29 April 98	Letter to Service Acquisition Executives (SAEs) requesting acceptance of Service Lead acquisition responsibilities and assignment of MDAs and Program Managers.	JNLWD
Foam Systems	29 April 98	Position on assigning acquisition lead for the Foams Program to the Marine Corps.	Col Bald Col Owen Col O'Connor
Joint NLW Programs	29 April 98	Provide an explanation of how the Air Force will participate in the JNLW program through the Air Force FPBL. Include points of contact for both the requirements and acquisition efforts and various working groups.	Col O'Connor
UAV and MVS	29 April 98	Fill in TBD's on UAV's NL & MVS	Capt McGrath
Joint NLW Program	29 April 98	Submit any changes to the program phase, Service ORD endorsements, MDA or PM assignments shown on the briefing slides. Include the identification of acquisition organizations for each participating Service.	All
FY99 Joint NLW Program	7 August 98	Brief FY99 Spending Plan at the next JAG meeting	JNLWD
FY99 Joint NLW Program	30 June 98	Provide input to the JNLWD letter on the FY99 RDOEPP and Unfunded Requirements List	All