



UNITED STATES COAST GUARD
PROGRAM EXECUTIVE OFFICER
INTEGRATED DEEPWATER SYSTEM
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WASHINGTON, DC 20593

UNITED STATES MARINE CORPS
COMMANDING GENERAL
MARINE CORPS SYSTEM COMMAND
2200 LESTER STREET
QUANTICO, VA 22134-6050



**MEMORANDUM OF AGREEMENT
BETWEEN
THE UNITED STATES COAST GUARD
AND
THE UNITED STATES MARINE CORPS**

**USCG (G-D)
5400**

**CG MARCORSYSCOM
5400**

**Subj: ESTABLISHMENT OF AN AGREEMENT BETWEEN MARINE CORPS
SYSTEM COMMAND AND COAST GUARD INTEGRATED DEEPWATER SYSTEM
FOR PHASE I LIAISON**

1. **PURPOSE:** This Memorandum of Agreement (MOA) will establish a formal agreement between the Program Executive Officer, Integrated Deepwater System (PEO IDS) and the Commanding General, U.S. Marine Corps Systems Command (CG MARCORSYSCOM) for a Vertical Takeoff and Landing Unmanned Aerial Vehicle (VUAV) Liaison office. The final MOA will support 3 phases with Phase I establishing a Liaison office, Phase II establishing a Joint Integrated Product Team, and Phase III establishing a Joint Executive Agency, or other like agency or organization. This MOA describes the responsibilities, procedures and relationships between Program Executive Office, Integrated Deepwater System and CG MARCORSYSCOM for Phase I. This agreement is designed to facilitate coordination, support, and information sharing between the services. Phase II and Phase III roles, responsibilities, procedures, resources, relationships, etc will be determined and provided in an appendix to this MOA.
2. **BACKGROUND:** The United States Marine Corps (USMC) has expressed interest in the Coast Guard Deepwater Aviation VUAV Acquisition Program. The Marine Corps currently operates the RQ-2 Pioneer UAV system, a legacy system originally fielded in 1986. The Pioneer system has a large logistics footprint, is experiencing subsystem obsolescence issues, and has insufficient range, airspeed, and endurance capabilities to support Expeditionary Maneuver Warfare (EMW) doctrine. The Deputy Commandant for Marine Aviation recently developed a UAV vision that includes a Pioneer "Sunset Plan", and an acquisition approach to develop and field a VUAV to replace the Pioneer system. That vision was approved and codified by the Marine Requirements Oversight Council (MROC) Decision Memorandum 46-2003, and by the MROC Decision Memorandum 44-2004.

3. **OBJECTIVE AND SCOPE:** This MOA will address Phase I which establishes an Acquisition Liaison Office within both agencies. Initial staffing will consist of four positions, 2 Coast Guard and 2 MARCORSYSCOM personnel. Additional personnel may be added as Phase I moves closer to Phase II. The Liaison office will exchange information to identify areas of mutual interest for dialogue, collaboration and support. Identified interest areas include emerging technology; innovative application of existing technology; processes such as systems engineering and acquisition; coordination of respective acquisitions and programs; policy; interoperability between joint forces and platforms; modelling and simulation tools, applications and results; and other topics that might arise. In addition the Liaison office will provide mutual support to both services. Support can originate from either party. It includes professional presentations, attendance at meetings by Subject Matter Experts (SMEs), short duration paper-reviews, lengthy or sustained analytical activity, and independent expert reviews of issues and milestone events.

4. **ANTICIPATED RESULTS:** The anticipated intent of Phase I is to establish, implement and coordinate a liaison between our two offices leading to Phase II and Phase III. The results include data sharing such as joint technical information, financial, program definition and development, detailed logistics, and interoperability. The data sharing is two-way (between IDS and MARCORSYSCOM). Once the liaison is fully established and the IDS acquisition phases proceed, the next step is to plan to move into Phase II. Initially, Phase II establishes a Joint Integrated Product Team where a Plan of Action and Milestones will be produced to determine a joint integrated set of requirements and production schedules. Details of Phase II will be determined at a later time. Phase III establishes a Joint Executive Agency, or like organization, with Multi-Service involvement, and DOD level proponents. Service involvement will include providing SMEs, determining funding streams, and sharing acquisition strategies. The Lead Service, Organization, and MOA establishing these roles and responsibilities will be determined at a later time.

5. **SPECIFIC RESPONSIBILITIES/AUTHORITY:**
 - a. PEO Integrated Deepwater System and CG MARCORSYSCOM
 - As technologies and concepts mature, both organizations will mutually share information to best direct efforts in support of operational forces.
 - When Technology Development and Acquisition Programs are undertaken, both organizations will prepare program specific appendices that describe specific responsibilities for Phases II and III when applicable and appropriate.
 - Hold formal Program Manager reviews as required but not less than quarterly. These meetings will focus on joint efforts and provide a forum for discussions, coordination of activities, and exchange of information on mutual areas of interest.

 - b. PEO Integrated Deepwater System
 - Provide and identify the appropriate personnel and provide administrative support to assigned personnel.
 - Provide at least one workstation to include phone, fax capabilities, and other office equipment.
 - Provide appropriate IT equipment or connections to include Email address, access to applicable websites, and IPD access.

- Assigned Coast Guard personnel will be members of the MARCORSYSCOM VUAV team.
- Provide funding for assigned Coast Guard personnel for salary and travel orders (both local and long distance).
- Provide the necessary Officer Evaluation Reports or other performance evaluation reports for assigned Coast Guard personnel

c. CG MARCORSYSCOM

- Serve as the operational chain of command for USMC personnel.
- Provide and identify the appropriate personnel and provide administrative support to assigned personnel.
- Provide at least one workstation to include phone, fax capabilities, and other office equipment.
- Provide appropriate IT equipment or connections to include Email address, access to applicable websites, and TIGER access.
- Assigned MARCORSYSCOM personnel will ensure all communication with ICGS VUAV Tier 2 and associated subcontractors is conducted via the USCG Deepwater Program Manager, Contracting Officer, or Contracting Officer's Representative.
- MARCORSYSCOM personnel will be members of the Coast Guard VUAV Integrated Product Team, and will be allowed to attend and participate in VUAV IPT functions and meetings held with ICGS, Lockheed-Martin, and Bell Helicopter Textron, Inc as defined in the VUAV IPT Charter.
- Provide funding for assigned Marine Corps personnel for salary, and travel orders (both local and long distance).
- Provide the necessary Fitness Reports, or other evaluation reports for assigned Marine Corps personnel

6. **INFORMATION EXCHANGE:** Information and data that is relevant to the understanding and support of the VUAV, and of interest to each service will be shared by each service. The care and safeguarding of classified materials, program sensitive, competition sensitive, and proprietary information shall follow established procedures. Non-disclosure Agreements required for handling and viewing of program or competition sensitive materials shall be signed where necessary and be obtained prior to release of information to the interested party. Information maintained/stored, if necessary, at IDS or MARCORSYSCOM will be at the SECRET or lower level.

7. **SECURITY COOPERATION AND INTERNATIONAL PROGRAMS:**

Security cooperation and management of international programs including Foreign Military Sales (FMS) and hybrid FMS / direct commercial sales programs for the Coast Guard VUAV

system will be under the cognizance of the USCG Deepwater International Programs Office (G-D). This includes the hardware articles and mission systems, technical services, training, and other related services developed for the Coast Guard and FMS variant VUAV systems.

Security cooperation covering any USMC unique equipment and mission systems, the provision of Marine Corps training and education, the deployment of USMC training and education assistance teams, and the provision of USMC combat development support aspects will be under the cognizance of the USMC.

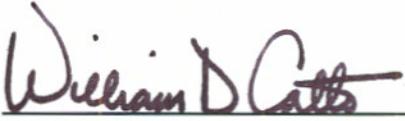
8. **ARBITRATION OF DISPUTES:** Arbitration of disputes will be conducted at the lowest level possible, i.e., Project Officer, IPT lead, supervisor, Program Manager, Product Group Director, PEO or GO/FO level. If the dispute cannot be resolved at the lowest level, then the next level will resolve the issue.
9. **EXECUTION, SCHEDULE AND MILESTONES:** Phase I execution will be fluid with members of the liaison office attending meetings or working in either IDE or MARCORSYSCOM spaces as the mission dictates. Designated key personnel will coordinate Day to day attendance. Travel will be mission dependent and will be coordinated by key personnel. Schedules and milestones will be developed as needed.
10. **TERMS OF THE UNDERSTANDING/AGREEMENT:** This agreement becomes effective upon the signature of both parties and will remain in effect until revised by mutual agreement, or as directed by higher authority. MOA may be cancelled at the request of either signatory upon 60 days notice.
11. **PROVISIONS FOR REVIEW AND CHANGE:** This MOA will be reviewed at the PM level every 6 months. Modifications of this MOA will require approval of both parties. MOA will be revised at the initiation of each phase.
12. **KEY PERSONNEL:** The Key Personnel from CG MARCORSYSCOM is Maj George Ehlers from Product Group Director Battlespace Management and Air Defense Systems (PGD BMADS), Program Manager for Air Defense Systems (PM ADWS), 703-432-4019, ehlersge@mcsc.usmc.mil. Key Personnel from Program Executive Office, Integrated Deepwater System is Mr Johannes Tan, (Deepwater Aviation VUAV), 571-218-3341, johannes.tan@dwicgs.com.

Approval



RADM. Patrick M. Stillman.
Rear Admiral U. S. Coast Guard
Integrated Deepwater System PEO

15 Nov 2004
Date



William D. Catto
Brigadier General, U.S. Marine Corps
Commanding Officer
Marine Corps Systems Command

2 Sept 2004
Date