

Unit Operations Center (UOC)

Description

UOC is comprised of two distinct Operational Requirements Documents (ORD): Combat Operations Center (COC) ORD and the Command Center ORD. Currently, COC is the only funded portion of the UOC requirement.



The COC provides a centralized facility to host C2 functionality for CE, GCE, ACE and CSSE. The COC provides shelter/tent, power, cabling, LAN, and processing systems and will host mission application software. The COC will support C2 information during OMFTS, SOA and OEO and enables the interaction and flow of information between staff members. The COC is scalable to support command echelons BN and above.

Operational Impact

The COC will be deployed as a modular, reconfigurable C2 system. The COC will be able to receive and transmit data and voice communications and will provide the Commander with a Common Tactical Picture (CTP) to support staff planning and analytical and intuitive decision making. The direction and control of unit operations will be exercised primarily through this center.

Program Status

The UOC Program is currently pre-Milestone B. The Combat Operations Center (COC) provides for a mobile and flexible command and control facility on the battlefield and the Command Center (CC) addresses a fixed command and control facility in garrison. The COC requirement is funded in PresBud03. The CCs are currently not funded and are not a candidate for a POM-04 initiative.

In FY 2000, Program Management Operations Center (PMOC) entered into an agreement with the Naval Research Laboratory (NRL) for several prototypes based on the NRL version of the Army Airborne Command and Control (A2C2S) system. In January 2001, NRL completed the first prototype, a COC installed on a HMMWV, and delivered it to PMOC. Subsequently, COCs were also installed in a Large SICPS Shelter (LSS), on two IFAVs and on a second HMMWV. From January 2001 to June 2001 these modules were introduced to the MARFOR at Camp Pendleton for several Battalion, Regiment and Division exercises. These exercises put the COC prototypes through the rigors of field operations while simultaneously permitting UOC engineers and specification writers to collect data. The data collected was used to refine the system/subsystem specifications (SSS) in collaboration with industry and to

produce the Request for Proposal (RFP) to industry to design and mass produce this system for the Marine Corps. The anticipated fielding of the COC will begin with Low Rate Initial Production (LRIP) in FY 2003.

Procurement Profile	FY02	FY03
Quantity:	0	32

Developer/Manufacturer	Developer: Naval Research Lab (NRL) Manufacturer: TBD
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