Broad Area Maritime Surveillance (BAMS)

Users: U.S. Navy
Manufacturer: TBD
Inventory: 0 Delivered/51 Planned (2006)
Background: The BAMS UAS is a Pre MDAP ACAT 1D program to develop a multiple-sensor, persistent maritime, ISR unmanned aircraft system that provides persistent ISR to supported commanders. BAMS UAS will be a force multiplier for the Joint Force and Fleet Commander, enhancing their situation awareness (SA) of the battlespace and shortening the sensor-to-shooter kill chain. BAMS UAS will operate both independently and cooperatively with other assets to provide a more effective and supportable persistent maritime surveillance capability than currently exists. BAMS UAS will be a Navy Fleet asset for operational and tactical users. Additionally, BAMS collected data will support a variety of intelligence activities and nodes. In a secondary role, it will also be used alone or in conjunction with other assets to respond to theater level, operational, or national strategic tasking. The BAMS UAS will serve as an adjunct to the MMA to leverage the unique attributes of each platform to optimize the family of systems (FoS) approach to contribute to dominant Maritime Domain Awareness. Collocation of BAMS UAS mission crews with MPRF will provide operator synergy; allowing close coordination of missions and leveraging common mission support infrastructure. BAMS UAS also complements the current national, theater, and other service collections systems by providing persistent ISR in the maritime and littoral areas, 24 hours a day. The BAMS UAS will provide Department of Defense (DoD) with a unique capability to persistently detect, classify, and identify maritime targets within a large volume of the maritime battlespace. The request for Proposals (RFP) for the System Development and Demonstration (SDD) was released on 15 Feb 2007 to support Milestone (MS) B in the 4th Qtr FY07. IOC is to be in FY14. *http://uav.navair.navy.mil*