DoN STUAS/Tier II Program Initiative

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Tier II/STUAS Program

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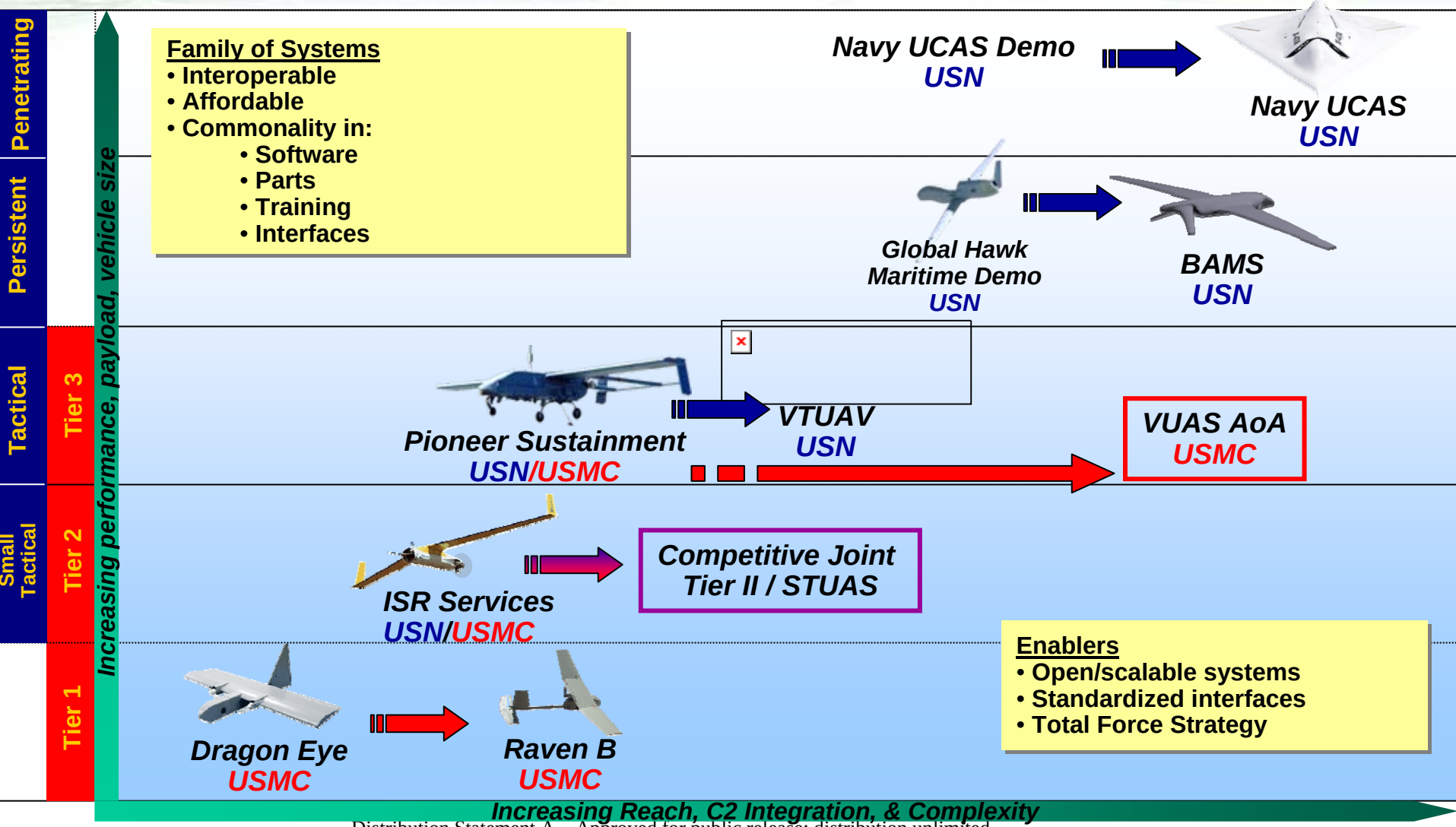
Naval UAS Family of Systems



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System Description

- Small, organic, high duration UAS that operates runway independent for ground and maritime ISR missions. (10 hours+)
- 1 system = 1 ground control station, 3 airframes, 3 payloads and ground support equipment.
- Current payload set = EO/IR, comm relay, selected INT payloads.
- Ground control station integrated with Navy and USMC C2 systems in later spirals.
- Remote terminal included for “disadvantaged user”. Interoperable w/ ROVER III/OSRVT and others in later spirals.

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Requirements Overview

- Proposed IOC FY 10
- Draft Joint ICD in work – USMC led
  - USAF and SOCOM participating with USMC and USN.
  - ICD submitted for JROC decision (Dec 2006).
- AoA underway; estimated completion Aug 2007. USMC will maintain lead, PEO(W) & NAVAIR 4.10 will participate.
- CDD will establish capability requirements, including any needed incremental/spiral approach.
  - Potential need for min development, OTS/NDI acquisition strategy to meet initial IOC requirement.
  - CDD planned completion Jul 2007.
- Requirements concerns:
  - Increment 0: Heavy Fuel engine for shipboard use. Industry may not have a COTS solution for FY10 IOC, may move to following increment.
  - Increment 1: USMC requires common ground station interoperability for Family of Systems (Army 1 compatible).

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Acquisition Approach

- Combined single acquisition program for USN and USMC requirement
- N86: USN resource sponsor, Command Element: USMC resource sponsor
- ACAT III Program
  - PEO(W) is the MDA.
- PMA 263 – Program Lead
  - MarCorSysCom personnel assisting with MAGTF C2 integration.
- Full and Open competition for Baseline System for minimum development OTS/NDI system. Grow capability at planned increments after initial fielding.
- MS B targeted for FY 08
- IOC – FY 10
  - Desire to phase out current USMC and USN ISR services contracts.
- Follow on system capabilities to be defined per spiral/incremental acquisition approach. Definition of follow-on spirals
  - Increment 0 – off-the-shelf.
  - Increment 1 – C2 integration, comm relay, heavy fuel engine.
  - Increment 2 – payload enhancement.

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