



# Initial BAMS UAV Industry Day

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PMA-263

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Welcome to Navy Unmanned Aerial Vehicles PMA263 - NAVY MARINE CORPS INTRANET

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## NAVAL Unmanned Aerial Vehicles

**Pioneer**  **Fire Scout Demo System** 

**Global Hawk Maritime Demo System**  **BAMS UAV** 

**Payload ATRB** 

**TCS**  **Small UAV** 

**UCAV-N** 

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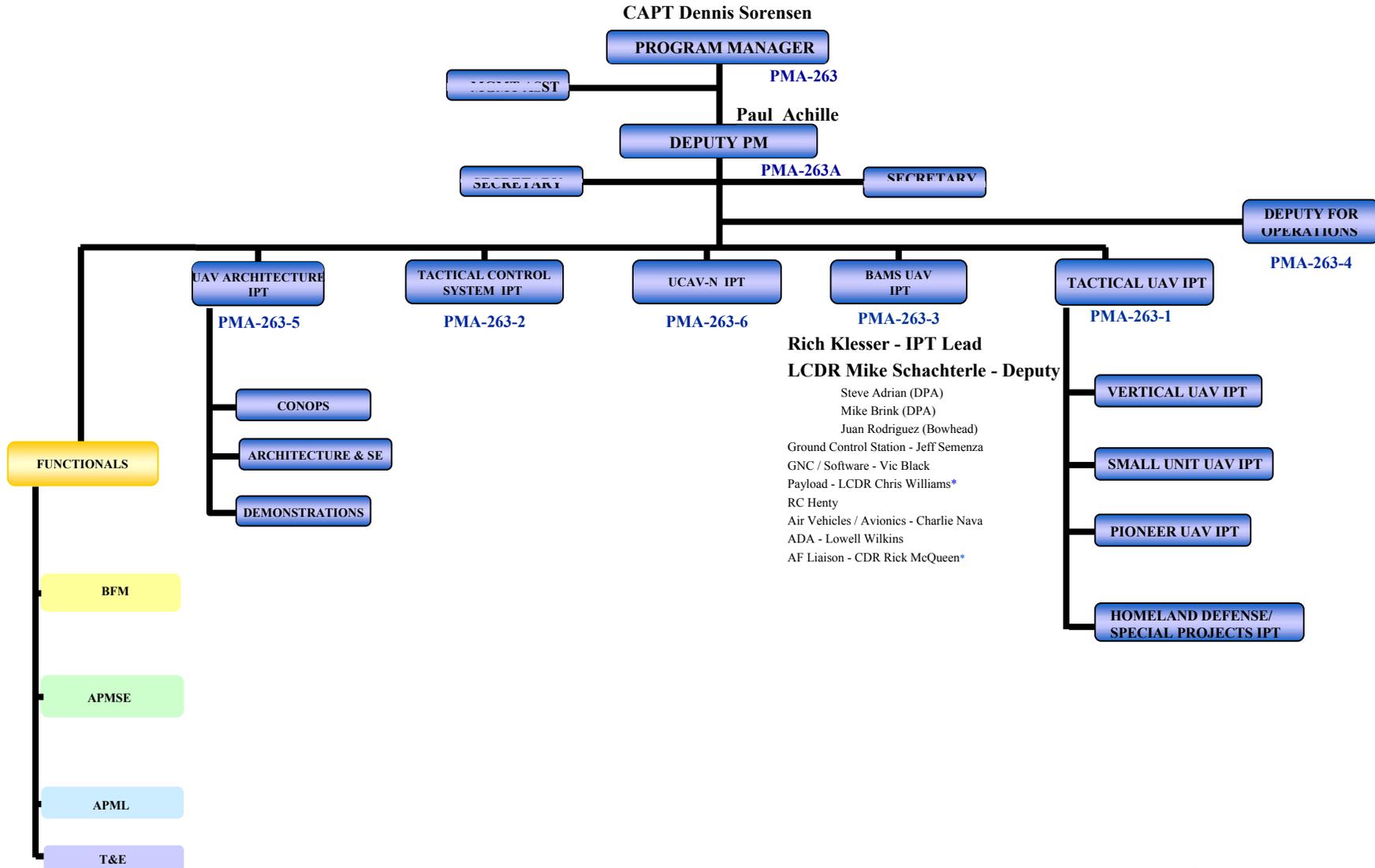
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# PMA-263 Organization





# Why We're Here



- Familiarize Industry with Navy's Requirements and Plans
- Develop **TEAMING** Relationships
- **PARTICIPATE** in Development of our Documentation
- Take Advantage of our Ability to Communicate Openly
- We need your **HELP**



# BAMS UAV Background



- BAMS UAV Began As an Adjunct to the Multi-mission Aircraft (MMA) Program
- Initial Study
  - Determined Long Dwell Times Were Critical in Covering Large Areas of Open-ocean and Littoral Area
  - Identified Basic CONOP Valid for Maritime Applications
  - Identified Potential Cost Effective Opportunity to Field a Maritime Unmanned System



# BAMS UAV Requirements



- Mission Needs Statement
  - Broad Area Maritime Surveillance (BAMS) Armed ISR
  - Long Endurance Reconnaissance, Surveillance Targeting and Acquisition (RSTA)
  - Draft Naval Fires Network (NFN)
  - Draft Time Critical Targeting (TCT)
- Requirements Documentation
  - Completed: MNS, AoA (MMA, GH), MAA, MRE Study
  - On-going: CONOPS, C4ISP, CDD, BAMS AoA



# BAMS UAV Vision



- Develop Maritime Capable UAV Systems for Operational Deployment (Projected IOC FY 08/09).
- AoA, Capability Description Document, C4ISP Will Drive Objective System Configuration
- Compliment to Other Naval Platforms and Mission Areas (e.g. MMA, CV Strike, Land Attack Warfare, etc)



# BAMS UAV Vision



- Large Navy Investment in TCS Architecture
- UAV Platform/Systems Available at BAMS UAV Fielding
  - Pioneer
  - FireScout
  - Predator
  - Global Hawk Maritime Demonstration
- BAMS UAV Will Add to the Architecture
- Important to Consider Cost, Schedule, Performance Risk in BAMS UAV Acquisition
- BAMS UAV Acquisition Looking for Innovative Solutions to Integrate BAMS UAV into Existing TCS Architecture



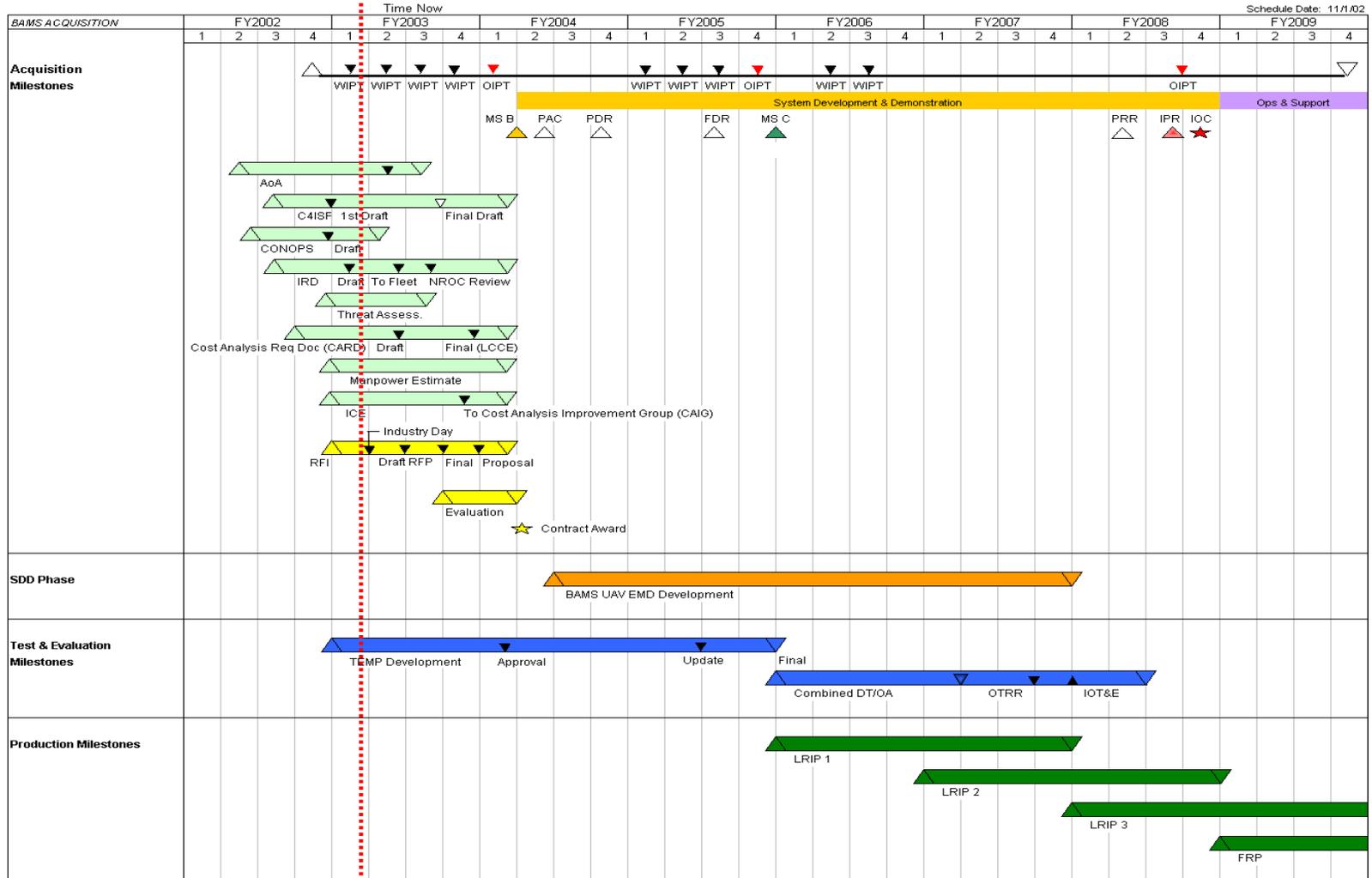
# BAMS UAV Acquisition



- Planned ACAT-ID Program
  - Spiral Development
  - OIPT, WIPT, IIPT
- Traditional Acquisition Program IAW DoD Instructions and Guidance
- The BAMS UAV Acquisition will Focus on:
  - Affordability
  - Autonomy
  - Connectivity
  - Minimal Impact on C4I Infrastructure
  - Minimize Manpower Requirements
  - Earliest Possible IOC



# BAMS UAV Schedule

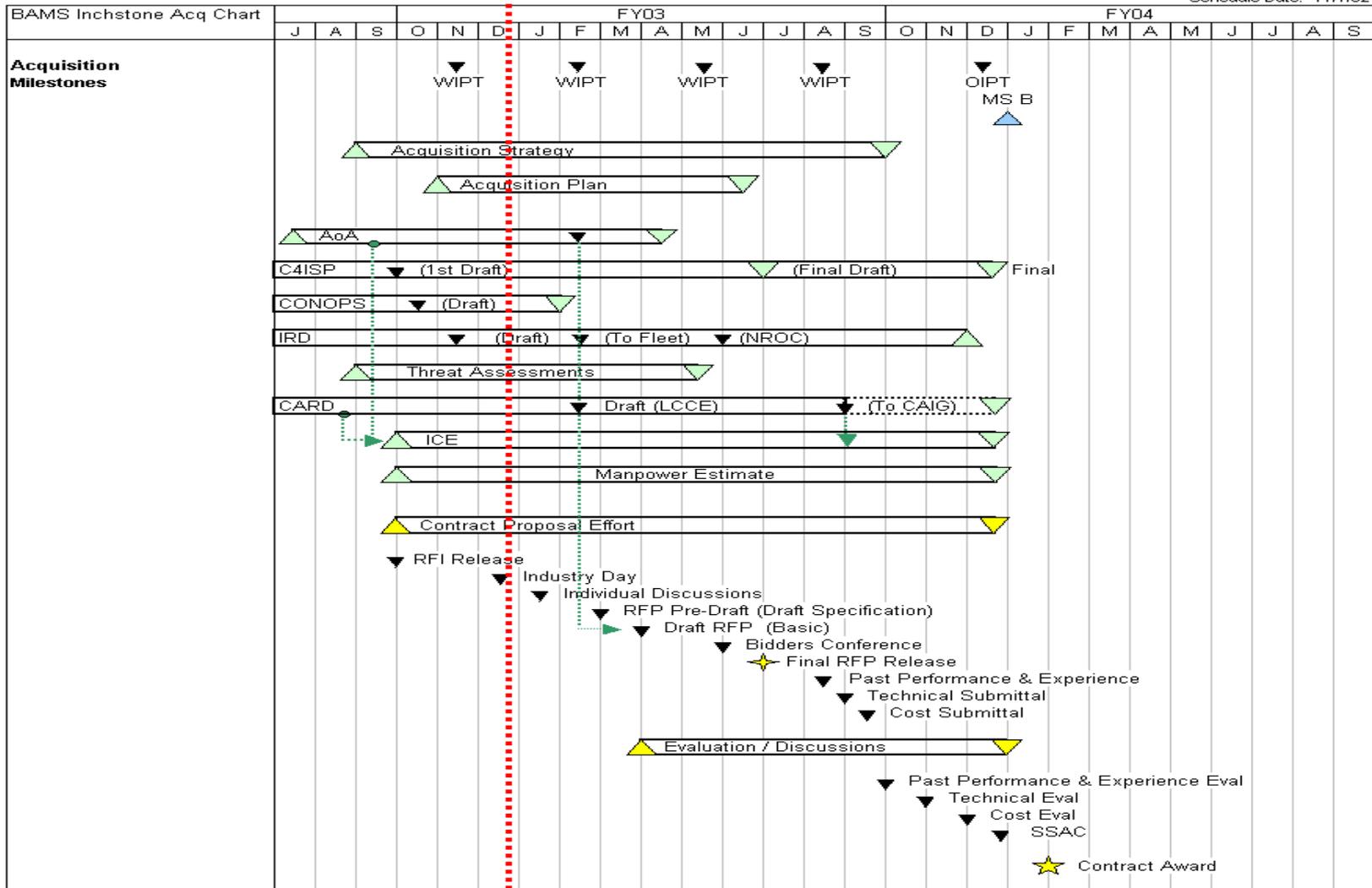




# BAMS UAV Acquisition Documentation Schedule



Schedule Date: 11/1/02





# Summary



- This Is **YOUR** Day to Get Smart on Navy BAMS UAV Program
- Focus Is to Open Communication/dialog
- Teaming
  - We Need Your **HELP**