



**PMA-  
266**

## Leveraging Uncrewed Systems Across The Evolving Battlespace

### PRESENTED BY:

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United States Of America



# NAVAIR Snapshot

## Full Life-Cycle Management

Requests,  
Risks from Fleet,  
OPNAV

Materiel  
Solution  
Analysis

Technology  
Maturation &  
Risk Reduction

Engineering &  
Manufacturing  
Development

Production &  
Deployment

Operations &  
Support

**Whidbey Island**  
Fleet Readiness Center  
Northwest

**Lemoore**  
Fleet Readiness Center  
West

**China Lake**  
NAWCWD

**Point Mugu**  
NAWCWD

**Atsugi, Japan**  
Fleet Readiness Center  
WestPac

**North Island**  
Fleet Readiness Center  
Southwest

**Lakehurst**  
NAWCAD

**Patuxent River**  
NAVAIR HQ, PEOs, NAWCAD

**Cherry Point**  
Fleet Readiness Center East

**Jacksonville**  
Fleet Readiness Center Southeast

**Orlando**  
NAWCAD

**NAWCAD**  
East Coast Hub



**NAWCWD**  
West Coast Hub



**COMFRC**  
Fleet Readiness Centers



**\$50B Annual Budget**

**43,500**  
FY23 Workforce

**29,700**  
Civilians

**1,600**  
Military

**12,200**  
Contractors

## Products



Tactical Aircraft



Air ASW, Assault & Special Mission



Unmanned Aircraft & Strike Weapons



Joint Strike Fighter Program

## PEOs







# UAS Portfolio



**PEO U&W manages Group 1 to 5 UAS with a total obligating authority of more than \$17B**



# PORTFOLIO CHART

## Increment I

IOC June 2024



MQ-9A Block 5



Block 30  
Ground Control Station (GCS)



Sky Tower I Pod

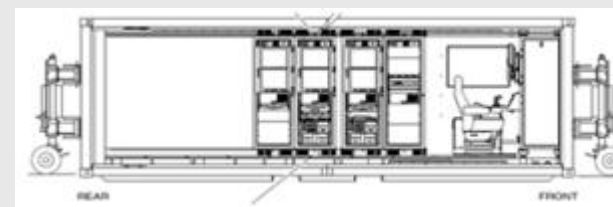


COP/CIP

## Increment II



MQ-9A Block -5 -25



Secure MCE



Sky Tower II Pod

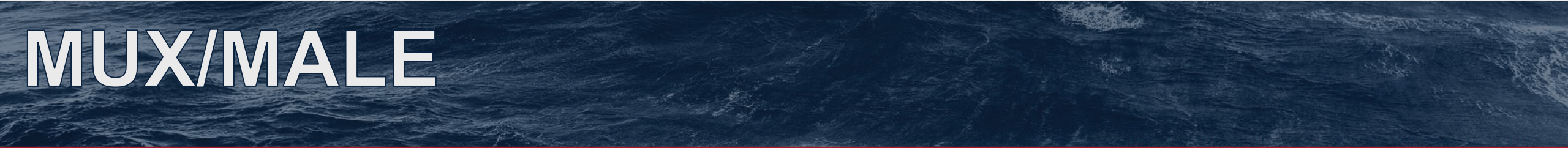


Electronic Warfare Pod



Detect And Avoid System  
(DAAS)





# MUX/MALE



" "

NAVAIR Public Release SPR-2024-0907. Distribution Statement A - "Approved for public release; distribution is unlimited".

**PMA-266** / Multi-Mission UAS

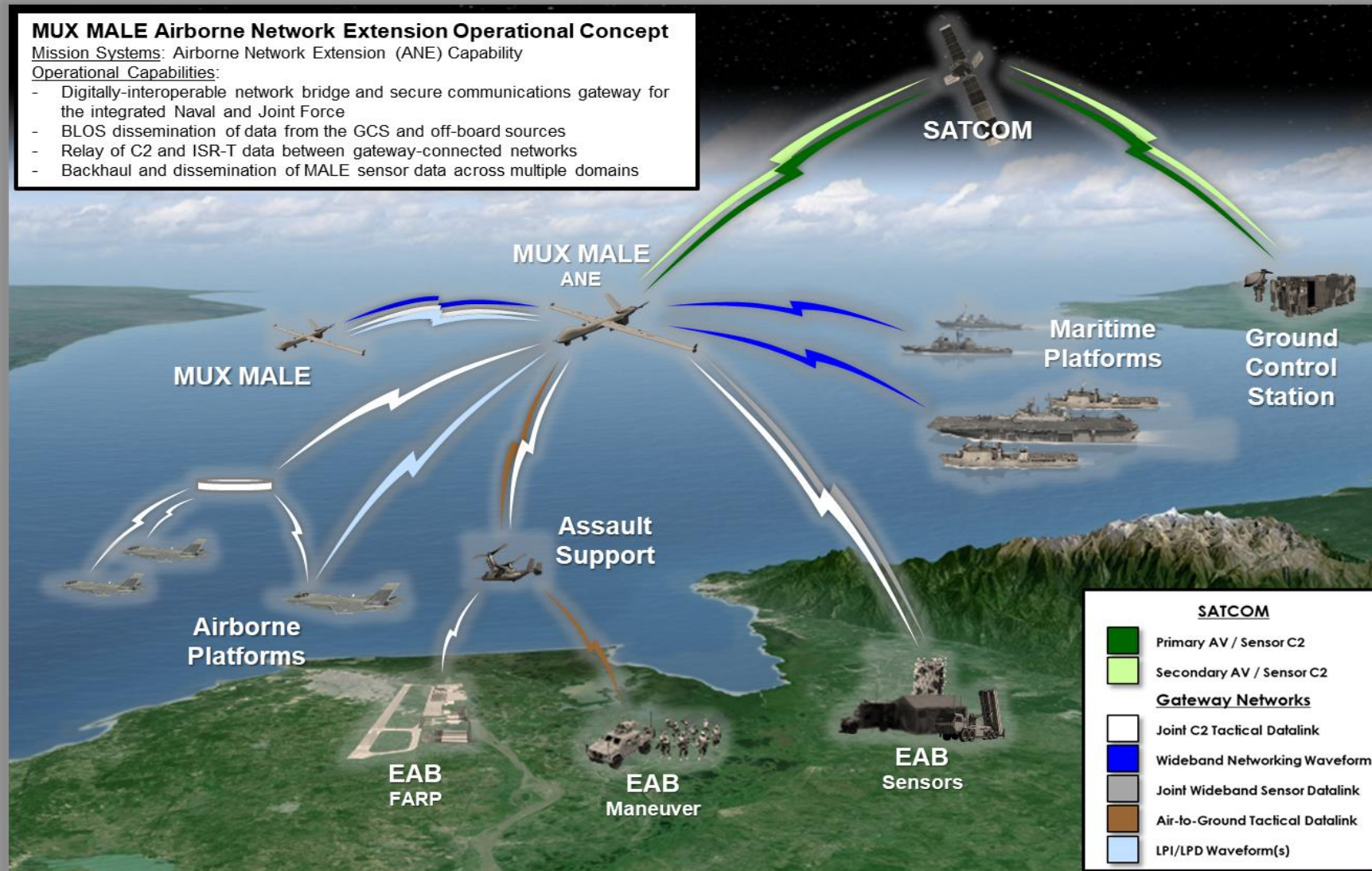
# MUX/MALE UAS OV-1

## MUX MALE Airborne Network Extension Operational Concept

Mission Systems: Airborne Network Extension (ANE) Capability

### Operational Capabilities:

- Digitally-interoperable network bridge and secure communications gateway for the integrated Naval and Joint Force
- BLOS dissemination of data from the GCS and off-board sources
- Relay of C2 and ISR-T data between gateway-connected networks
- Backhaul and dissemination of MALE sensor data across multiple domains





# What's Next

- Capability

- Spiral development
- MOSA / SOSA
- Next generation
- Technology Insertion
- Autonomy Insertion

- Business

- Agile workflows
- AI based workflows
- Agile contracting
- Keeping pace with innovative tool sets
- Work with non-traditional vendors

# STAY CONNECTED



**Dennis Monagle**  
Program Manager for  
Autonomous & Flying Roboti...



## STAY CONNECTED WITH US





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## Summary and Questions

