PEO(U&W) LRAF Industry Day

13 November 2014

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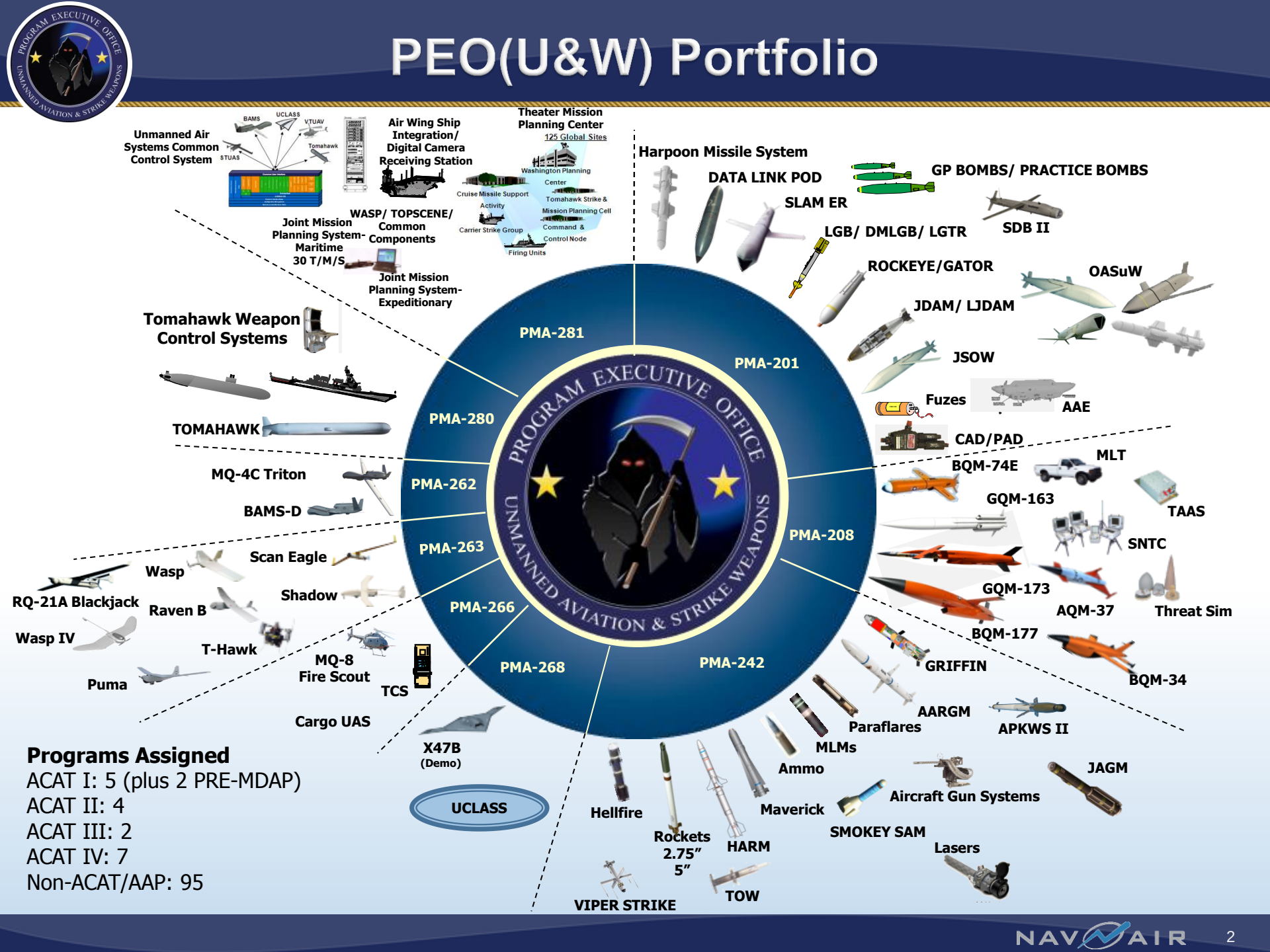
Deputy PEO(U&W) for Unmanned Aviation

NAVAIR

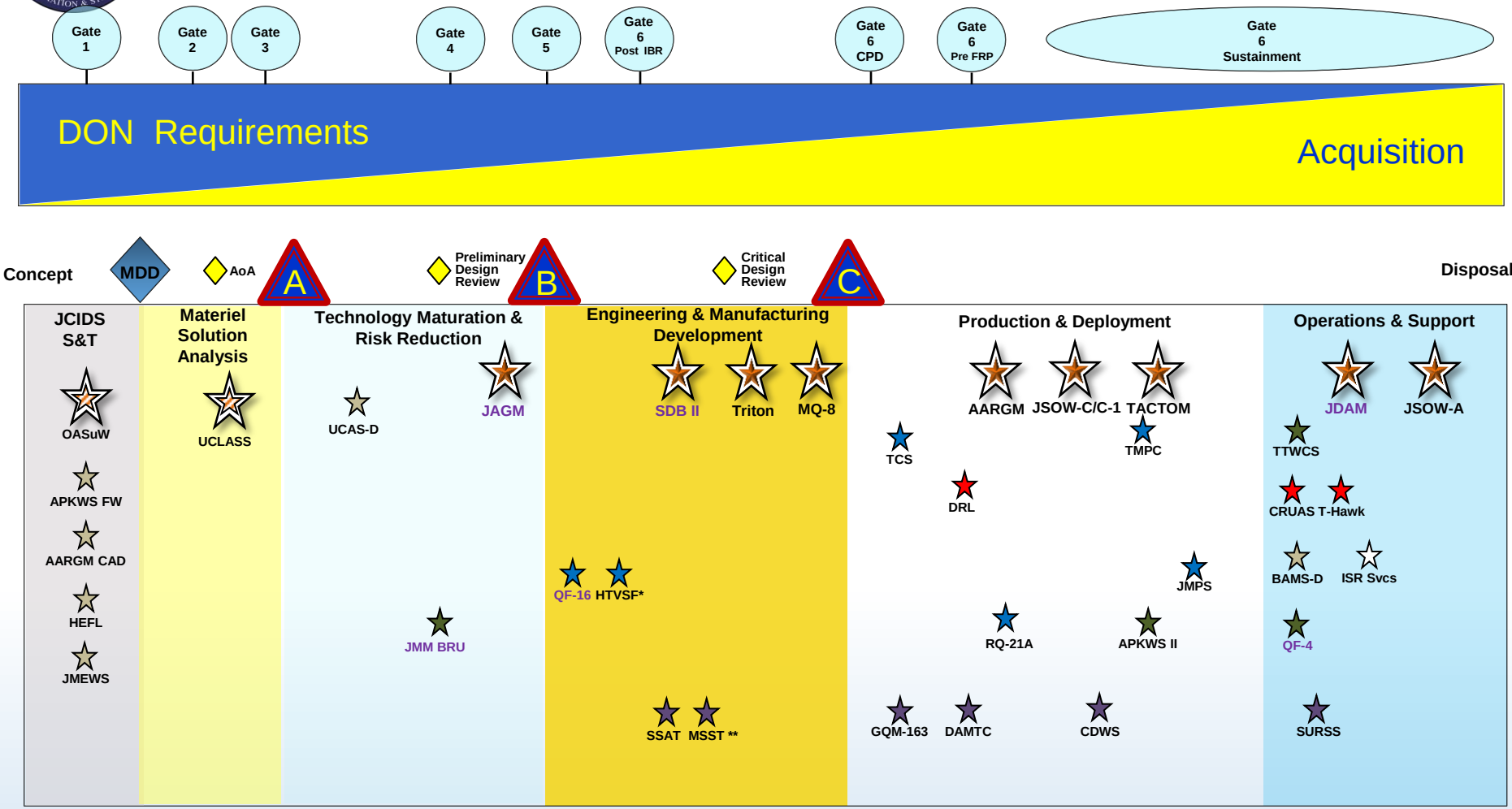
PEO(U&W) Portfolio



Programs Assigned

ACAT I: 5 (plus 2 PRE-MDAP)
ACAT II: 4
ACAT III: 2
ACAT IV: 7
Non-ACAT/AAP: 95

PEO(U&W) Programs in the Acquisition Lifecycle



ACAT I
Pre-MDAP
ACAT I MOD/INC
ACAT II
ACAT III
ACAT IV
RDC
JCTD/DEMO
FLEET SERVICES

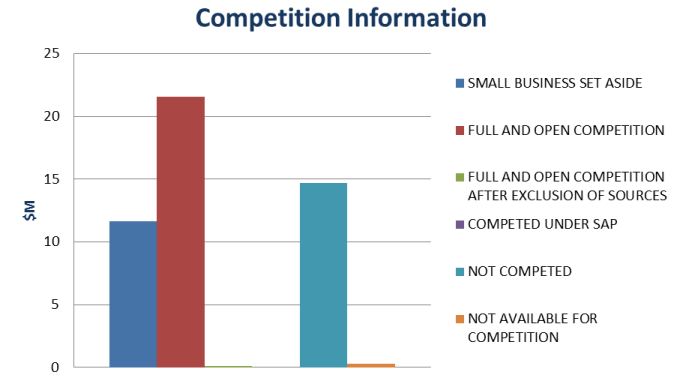
* = Not yet designated
** = Special Interest
Purple Text = Joint Program; Other Service Lead

PEO(U&W) Business Stats

	FY13	FY14
Total Obligations (Large and Small Businesses)*	**$1,804.16M**	**$1,579.9M**
Small Business Target*	**$38.9M**	**$40.3M**
Small Business Total*	**$44.09M (2.44%)**	**$48.28M (3.06%)**

*Inclusive of only NAVAIR contracts (excludes FMS Funding)

FY14 PEO (U&W)
Small Business Info



Continuing to Pursue Small Business Opportunities and Competitions

Future Efforts

- **LRAF Areas (FY15 – FY17)**
  - Lead System Integrator (LSI) Support
  - Sustainment Planning & Execution
  - System Architecture & Modeling

- **Other Future Areas**
  - System Modifications
  - Cyber Security
  - Science & Technology Opportunities

PEO(U&W) Technology Needs

Unmanned Aviation

- GPS independent navigation and geo-location in the maritime domain
- Landing systems for sea-based UAS (fixed-wing and rotary-wing)
- High bandwidth, low profile/drag, though-the-rotor Beyond Line Of Sight (BLOS) communications for rotary-wing aircraft
- Multi-vehicle, multi-sensor planning and control
- Reducing bandwidth and/or operator workload by converting sensor data into actionable information
- Small UAS sensors to detect non-cooperative airborne contacts

Weapons

- Day/night, all-weather, long-range, cluttered environment & ops in A2/AD environments
- Cooperative Attack – net enabled weapons and sensors
- Multi-mission capability
- Expanded engagement envelope
- Insensitive munitions improvements
- Technologies that advance laser weapon technology for use in tactical aircraft

Questions