



**Program Executive Office
Command, Control, Communications,
Computers and Intelligence (PEO C4I)**

**Program Executive Office
Space Systems (PEO SS)**

AFCEA West 2016 How do we Make the Strategy Work?

**18 February 2016
RDML C. D. Becker
christian.becker@navy.mil**

Statement A: Approved for public release, distribution is unlimited (11 FEBRUARY 2016)

***Integrated Information
Warfare for the
21st Century***



Offset Strategies

50's – 70's

1st Offset Strategy

New Look – 1954

- Dwight D. Eisenhower
- Nuclear Superiority



70's – 00's

2nd Offset Strategy

Assault Breaker – 1975

- DARPA
- Long-Range Research Development Planning Program (LRRDPP)



Now

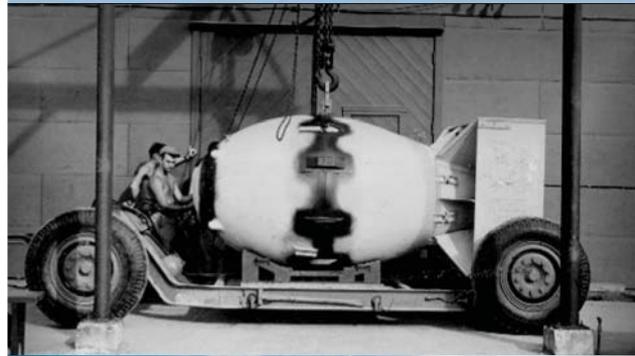
3rd Offset Strategy

DEPSECDEF – 2015

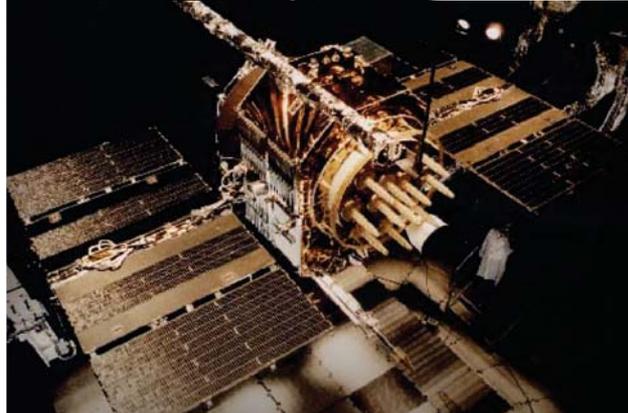
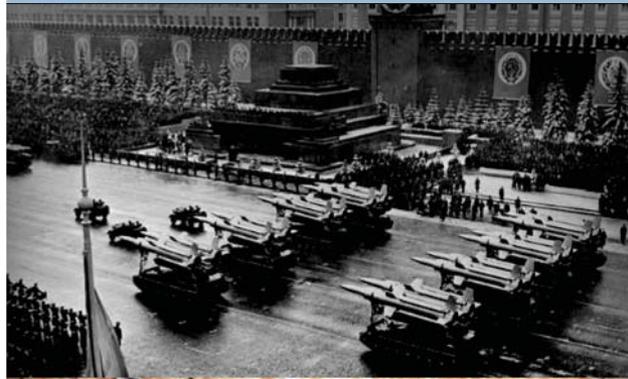
"The whole vision of the Third Offset Strategy is to make the human better, not to make the machines better"



1ST OFFSET BATTLEFIELD Nuclear



2ND OFFSET BATTLEFIELD Precision Strike



3RD OFFSET BATTLEFIELD EW / Cyber



3RD OFFSET STRATEGY

Promising technologies for FYDP

- Agile strategy
- Modernization, automation to help decision-making
- Plant seeds for long-range advances to field in the '20s, which will give us an advantage for the '30s

Multiple strategies for multiple potential adversaries

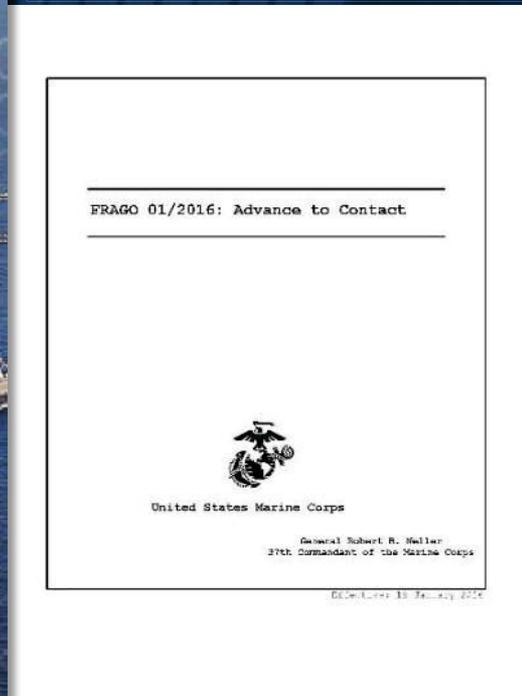
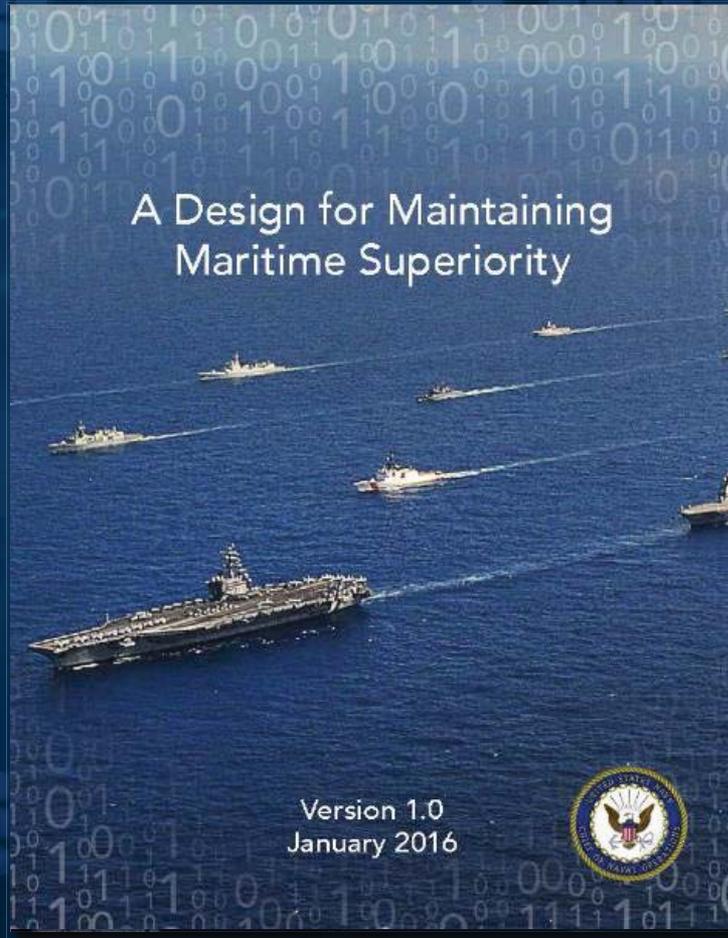
- Small regional states
- Large advanced states
- Non-state adversaries and actors with advanced capabilities

Joint coordination with allies and capture the commercial sector

- War-gaming
- Operational concept development
- Discussions with allies and commercial partners



Aligning the Strategy



A Design for Maintaining Maritime Superiority

FOUR LINES OF EFFORT

INTEGRITY |

ACCOUNTABILITY |

INITIATIVE |

TOUGHNESS

STRENGTHEN NAVAL POWER AT AND FROM SEA

CORE ATTRIBUTES

ACHIEVE HIGH VELOCITY LEARNING AT EVERY LEVEL

STRENGTHEN OUR NAVY TEAM FOR THE FUTURE

EXPAND AND STRENGTHEN OUR NETWORK OF PARTNERS

94 Programs / Projects

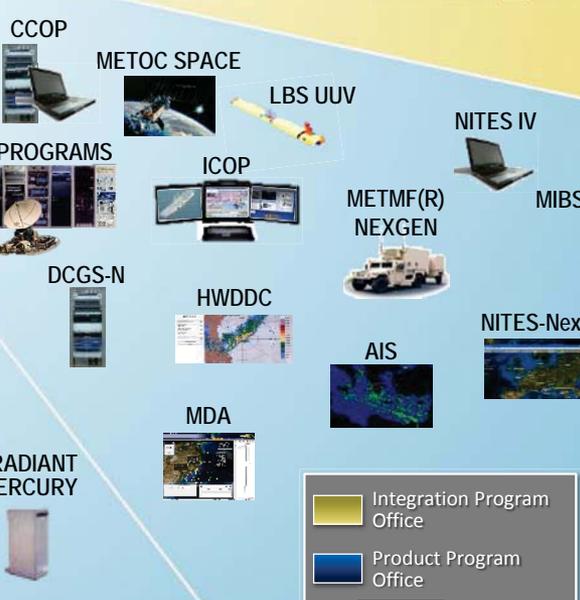
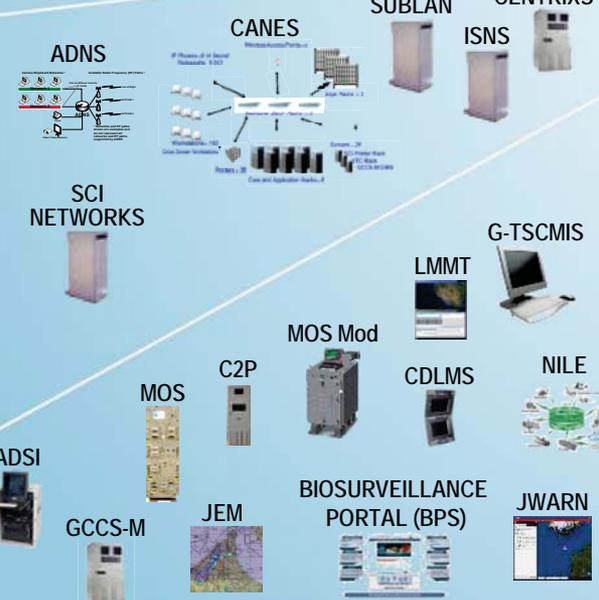
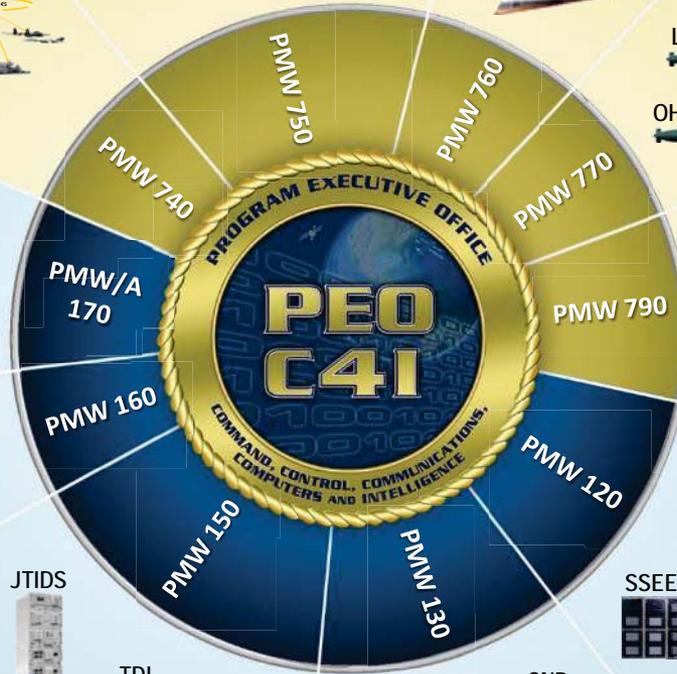
7 ACAT I

6 ACAT II

81 ACAT III & below



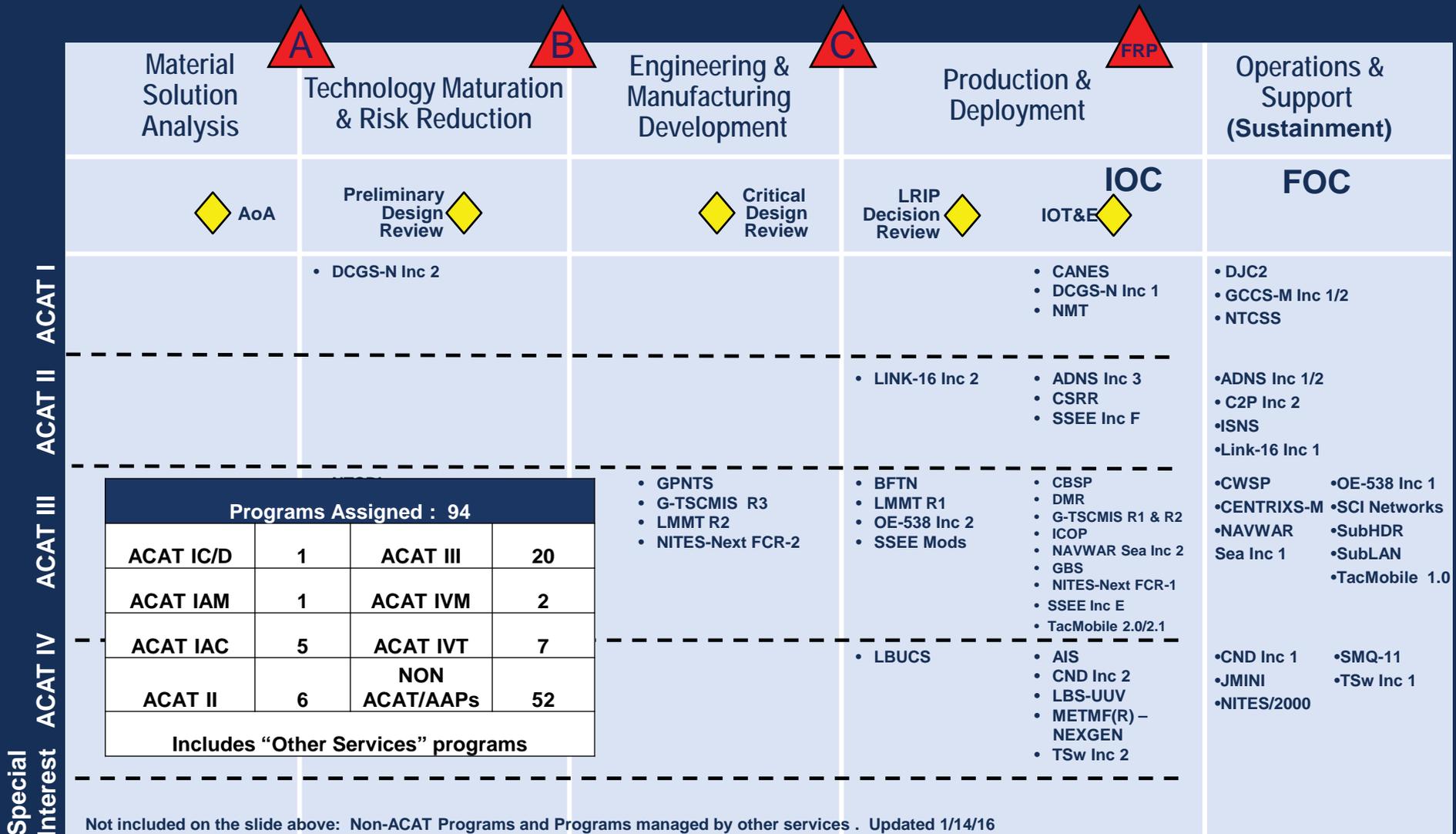
INTEGRATION



Integration Program Office (Yellow)

Product Program Office (Blue)

PEO C4I Portfolio



Majority of PEO C4I efforts are in P&D and O&S

STRATEGIC PLAN 2015 – 2021



GOAL ONE

Increase warfighting readiness through the improved development, testing, deployment, sustainment of, and training of C4I capabilities

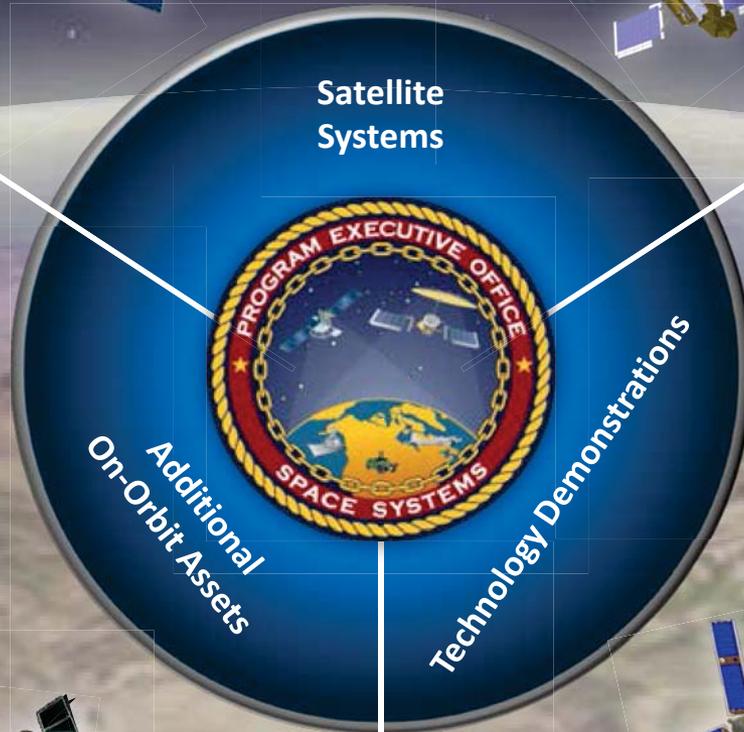
GOAL TWO

Improve our speed to capability by innovatively applying technology and processes

GOAL THREE

Optimize performance and create an organization that realizes the greatest impact on accomplishing our mission

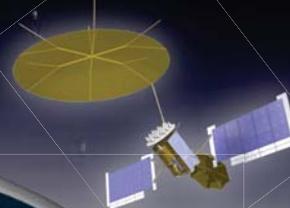
PEO Space Systems Portfolio



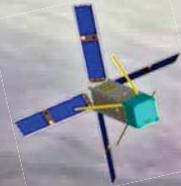
UFO



MUOS



Vector Joint Capability
Technology Demonstration



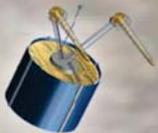
International
Partner Agreement



Integrated Communications
Extension Capability (ICE-Cap)



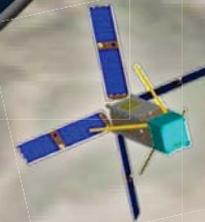
Leased
Satellites



FLTSATCOM



Naval Nanosat



STRATEGIC PLAN 2015 – 2021



NAVY

GOAL **ONE**

Deliver the warfighting capability of MUOS

GOAL **TWO**

Develop and execute a strategy to transition from MUOS to our next Narrowband SATCOM acquisition

GOAL **THREE**

Identify and execute rapid introduction of space-based capabilities for our Navy

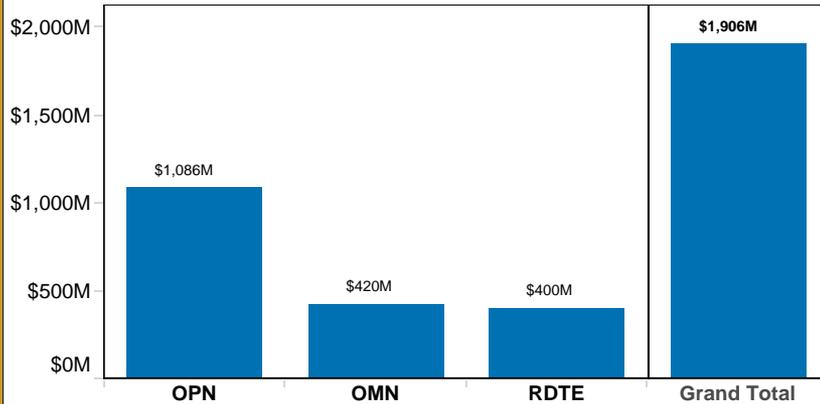
MUOS-4 Launch on September 2, 2015



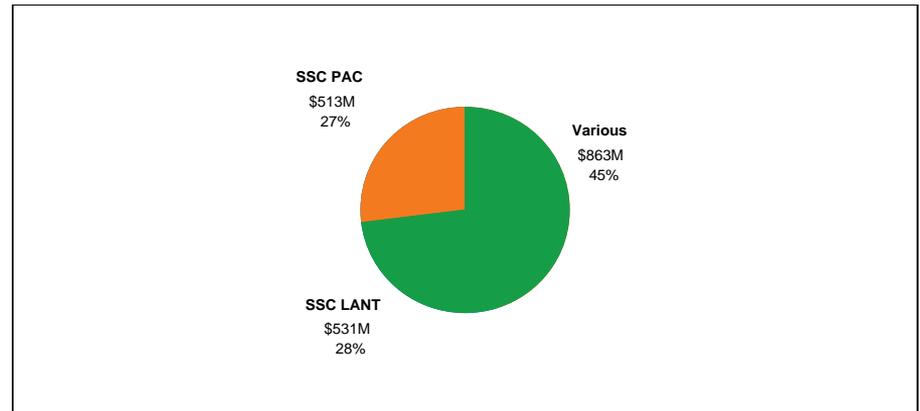
Funding Profile

PEOC4I Total Obligation Authority (PB 16)

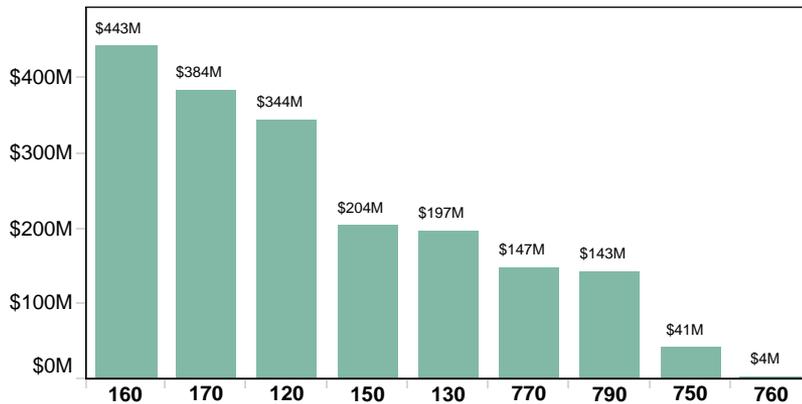
PEOC4I PB16 TOA by APPN



PEOC4I PB16 TOA by Vendor



PEOC4I PB16 TOA by Program Office



PEOC4I Top 5 EIPs by GWBS

	CANES	NMT	SSEE Inc F	Navy Crypto	CND	ADNS	Grand Total
Platform/Site Activation/ Installation	\$188M	\$51M	\$22M	\$24M	\$9M	\$19M	\$313M
Prime Mission Product (Prod)	\$98M	\$61M	\$63M	\$41M	\$27M	\$26M	\$315M
Prime Mission Product (Dev)	\$16M	\$26M	\$3M	\$4M	\$11M	\$2M	\$61M
In Service Engineering Activity (ISEA)	\$6M	\$8M	\$3M	\$3M	\$11M	\$4M	\$35M
Grand Total	\$308M	\$145M	\$91M	\$72M	\$58M	\$51M	\$725M

Where We Can Do Better...

- Automated test and loading
- Design for installation and operation
- Heterogeneous data amalgamation
- Analytics
- Cybersecurity

Where Can We Do Better?



THANK YOU



www.afcea.org

