**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?

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

Statement A: Approved for public release, distribution is unlimited (25 November 2015)

*Integrated Information
Warfare for the
21st Century*

Offset Strategies

| 50's – 70's | 70's – 00's | Now |

1st Offset Strategy
2nd Offset Strategy
3rd Offset Strategy

New Look – 1954
- Dwight D. Eisenhower
- Nuclear Superiority

Assault Breaker – 1975
- DARPA
- Long-Range Research Development Planning Program (LRRDPP)

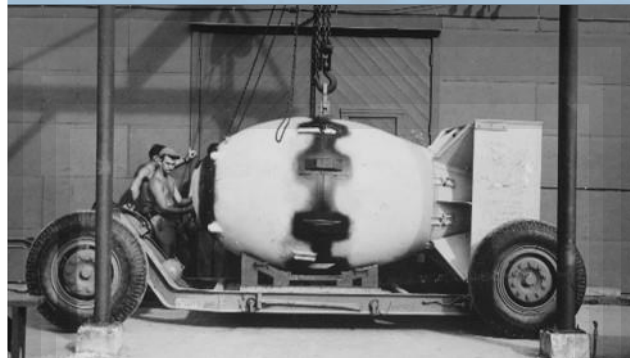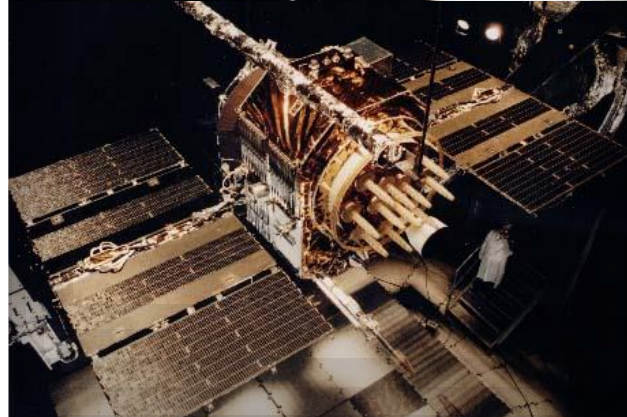**DEPSECDEF – 2015**
"The whole vision of the Third Offset Strategy is to make the human better, not to make the machines better"

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

A Design for Maintaining Maritime Superiority

Version 1.0
January 2016

FRAGO 01/2016: Advance to Contact

United States Marine Corps

General Robert B. Neller
37th Commandant of the Marine Corps
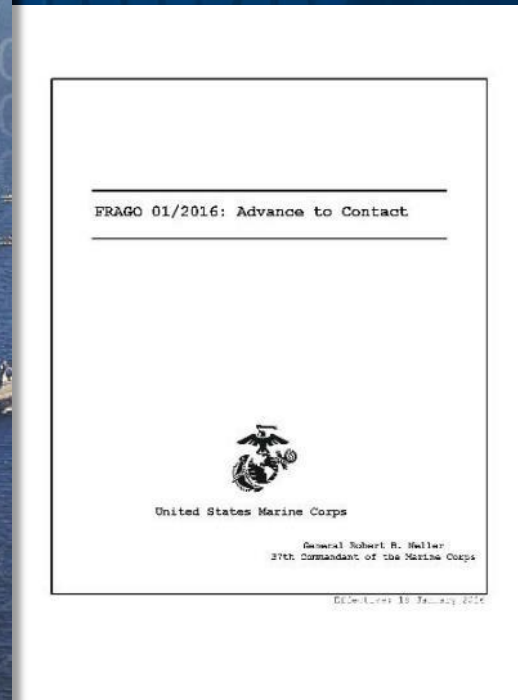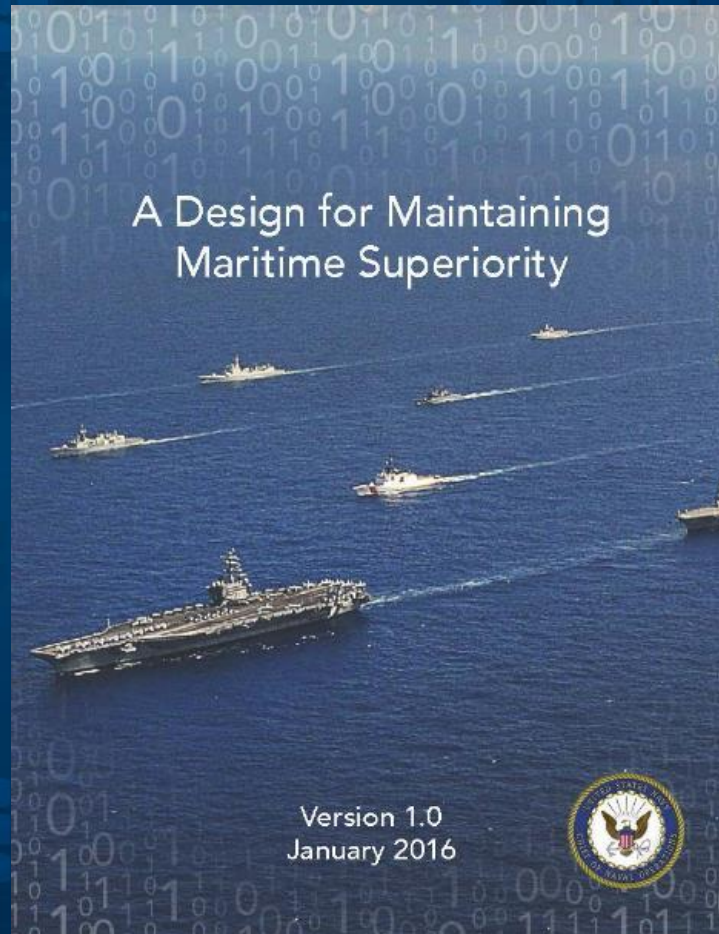
A Design for Maintaining Maritime Superiority

FOUR LINES OF EFFORT

STRENGTHEN NAVAL POWER AT AND FROM SEA

CORE ATTRIBUTES

ACHIEVE HIGH VELOCITY LEARNING AT EVERY LEVEL

INTEGRITY | ACCOUNTABILITY | INITIATIVE | TOUGHNESS

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

CEC LINK 16

GPS/GPNTS
NSLC-A
PRP
ESRP
DMR
BFTN
NESP
CWSP (WSC-8)
ATIP
NTCDL
CBSP
GBS
NMT
SUBLAN
CENTRIXS
ISNS
ADNS
SCI NETWORKS
CANES
JTIDS
G-TSCMIS
LMMT
TDL
JADOCS
NTCSS
MOS Mod
CDLMS
NILE
MFOM
CRYPTO
CND
SKL
PKI
C2P
MOS
JEM
BIOSURVEILLANCE PORTAL (BPS)
JWARN
TBMCS
LINK-16
VACM
TKL
EKMS
RADIANT MERCURY
KIV-7M
ADSI
GCCS-M

JEOD VSAT

PMW 750
PMW 760
PMW 740
PMW 770
PMW/A 170
PMW 790
PMW 160
PMW 120
PMW 150
PMW 130

PROGRAM EXECUTIVE OFFICE
PEO C4I
COMMAND, CONTROL, COMMUNICATIONS, COMPUTERS AND INTELLIGENCE

CVN
LCC
CG
DDG
FSBS/NC3
Undersea Constellation
LPD
LSD
LHA
SSGN
OE-538
CSRR
TacMobile
LCS
VA
SubHDR
LHD
DDG 1000
Seawolf
ASW Advanced Dev.
LA
OHIO
TELEPORTS
NECC/DJC2
NCTAMS/NCTS
TSw
NOC
C2OIX
MOC
CCOP
METOC SPACE
LBS UUV
NITES IV
SSEE PROGRAMS
ICOP
METMF(R) NEXGEN
MIBS
DCGS-N
HWDDC
NITES-Next
AIS
MDA

Integration Program Office
Product Program Office

PEO C4I Portfolio

	Material Solution Analysis	Technology Maturation & Risk Reduction	Engineering & Manufacturing Development	Production & Deployment		Operations & Support (Sustainment)
Milestones	◆ AoA	Preliminary Design Review ◆	◆ Critical Design Review	LRIP Decision Review ◆ IOT&E ◆	**IOC**	**FOC**
ACAT I		• DCGS-N Inc 2			• CANES • DCGS-N Inc 1 • NMT	•DJC2 •GCCS-M Inc 1/2 •NTCSS
ACAT II				• LINK-16 Inc 2	• ADNS Inc 3 • CSRR • SSEE Inc F	•ADNS Inc 1/2 •C2P Inc 2 •ISNS •Link-16 Inc 1
ACAT III		• GPNTS • G-TSCMIS R3 • LMMT R2 • NITES-Next FCR-2		• BFTN • LMMT R1 • OE-538 Inc 2 • SSEE Mods	• CBSP • DMR • G-TSCMIS R1 & R2 • ICOP • NAVWAR Sea Inc 2 • GBS • NITES-Next FCR-1 • SSEE Inc E • TacMobile 2.0/2.1	•CWSP •OE-538 Inc 1 •CENTRIXS-M •SCI Networks •NAVWAR •SubHDR Sea Inc 1 •SubLAN •TacMobile 1.0
ACAT IV				• LBUCS	• AIS • CND Inc 2 • LBS-UUV • METMF(R) – NEXGEN • TSw Inc 2	•CND Inc 1 •SMQ-11 •JMINI •TSw Inc 1 •NITES/2000
Special Interest						

Programs Assigned : 94			
ACAT IC/D	1	ACAT III	20
ACAT IAM	1	ACAT IVM	2
ACAT IAC	5	ACAT IVT	7
ACAT II	6	NON ACAT/AAPs	52
Includes "Other Services" programs			

Not included on the slide above: Non-ACAT Programs and Programs managed by other services . Updated 1/14/16

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

STRATEGIC PLAN
2015 – 2021

PEO C4I
PROGRAM EXECUTIVE OFFICE
COMMAND, CONTROL, COMMUNICATIONS, COMPUTERS AND INTELLIGENCE

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

STRATEGIC
PLAN
2015 – 2021

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
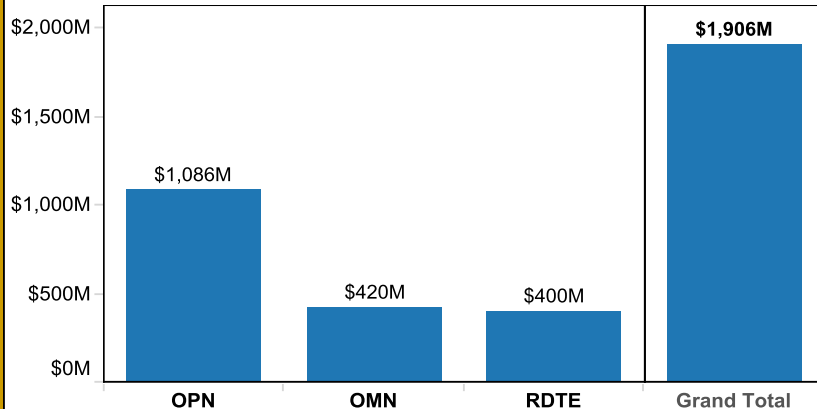Identify and execute rapid introduction of space-based capabilities for our Navy
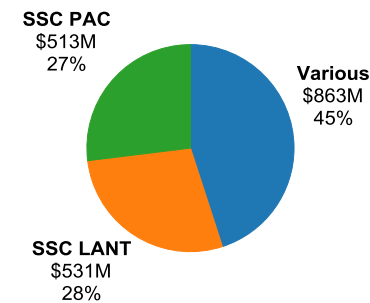
MUOS-4 Launch on September 2, 2015
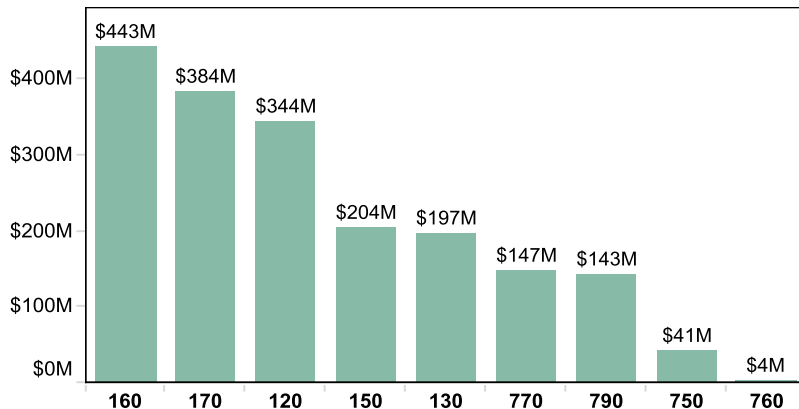
Funding Profile

PEOC4I Total Obligation Authority
(PB 16)

PEOC4I PB16 TOA by APPN

APPN	TOA
OPN	$1,086M
OMN	$420M
RDTE	$400M
Grand Total	$1,906M

PEOC4I PB16 TOA by Vendor

- Various $863M 45%
- SSC PAC $513M 27%
- SSC LANT $531M 28%

PEOC4I PB16 TOA by Program Office

Office	TOA
160	$443M
170	$384M
120	$344M
150	$204M
130	$197M
770	$147M
790	$143M
750	$41M
760	$4M

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

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

THANK YOU

www.afcea.org