



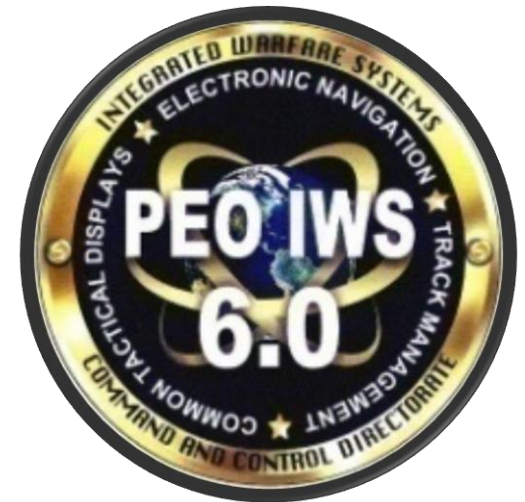
2011 Integrated Warfare Systems Conference

Command & Control (IWS 6.0) *CAPT Red Hoover*



PEO IWS 6.0 Mission

Develop and Deliver Sensor Netting & Track Management, Navigation and Display & Processing products, systems and capabilities to the Fleet that support and enhance warfighting capability at a reduced cost while meeting evolving DoD requirements.



Deliver Advanced C2 Capability to the Warfighter



PEO IWS 6.0 Program Portfolio

ACAT ID

Cooperative Engagement Capability (P&D)

Abbreviated Acq Program

AN/WSN-7B RLG (P&D)

Non-ACAT

CDS (E&MD)-Seeking ACAT designation
CPS (E&MD) - Seeking ACAT designation
CNI (O&S)
AN/UYQ-21 (O&S)
AN/WSN-9 DHYSL (P&D)
AN/BSN-2 DDD (P&D)
AN/WSN-8/8A DEML (P&D)
ECDIS-N (P&D)

ACAT III

Maritime IAMD Planning System (E&MD)
(ACAT III Designation Received with Final Approval
Following MS B)

Inactive-ACAT

SACC-A (O&S)
AN/WSN-7/7A RLGN (O&S)
AN/WQN-2 DSVL (O&S)
AN/WSN-2/5 (O&S)
Legacy Navigation (O&S)
Legacy Navy Tactical Computer Resources
AN/UYK-20/43/44/7 (O&S)
AN/UYA-4 (O&S)
Legacy Peripherals
RD-358, USH-26, OJ-172, USQ-69 (O&S)
AN/UYH-16/3 (O&S)

Additional programs not currently reflected in official IWS 6.0 Portfolio

Joint Track Management Capability (TD)
Naval Integrated Fire Control Counter-Air (TD)



Command and Control Systems (IWS 6)

PEO IWS 6.0 MPM
CAPT Red Hoover, USN
1E2130

Executive Assistant
J. Kaplan
IWS6EA
1E2111

PEO IWS 6.0 Deputy MPM
W. Fakhoury
1E2110

Product Directors

Director Navigation Systems
R. LaFreniere, IWS6NAV, 1E2030

CDR L. Baird IWS6NAVDEP 1E2033	C. Feldmann IWS6NAV2 1E2061
T. Coker IWS6NAV3 1E2014	T. Thompson IWS6NAV4 1E2016

Director Sensor Netting/Track Management
D. Burrows, IWS6SN/TM, 1E2131

Brian Harris IWS6SN/TM2 (T&E / Interoperability) 1E2032	CDR C. Bowden IWS6SN/TMDEP 1E2020	S. Buckley IWS6SN/TM3 (CEC) 1E2135
Vacant (MIL) IWS6SN/TM4 (E2C / E2D) 1E2025	J. Bagnall IWS6SN/TM5 (Strategic Systems) 1E2091	

Director Display Systems & Processors
CDR S. Shepard, IWS6DSP, 1E2050

M. Spurr (Acting) IWS6DSPDEP 1E2032	Vacant IWS6DSP3 (NAAP) (Processing Sys) 1E2097
G. Glanert IWS6DSP2 (Display Sys) 1E2117	

Centers of Excellence

Logistics
D. Jones, IWS6LOG, 1E2090

E. Wilkerson IWS6LOG1 1E2035	S. Mruk IWS6LOG2 1E2034	M. Hope IWS6LOG3 1E2037
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Business Operations
D. Jefferies, IWS6BO, 1E2080

Contracts	Acquisition	Finance
R. Chandler IWS6B1 1E2095	M. Milligan IWS6AS 1E2098	P. Gilliam IWS6F1 1E2012
P. Hester IWS6B3 1E2099	J. Mette IWS6B4 1E2094	L. Harrison IWS6F2 1E2013
E. Howard IWS6B5 1E2097	M. Evans IWS6B6 1E2038	T. Nguyen IWS6F3 1E2015
		C. Shuford IWS6F4 1E2011
		K. Jackson IWS6F5 1E2018
		J. Fultz IWS6F6 1E2017
		B. Bergen NAIP 1E2012B

Engineering
J. Moschopoulos, IWS6ENG, (Tech Director) 1E2060

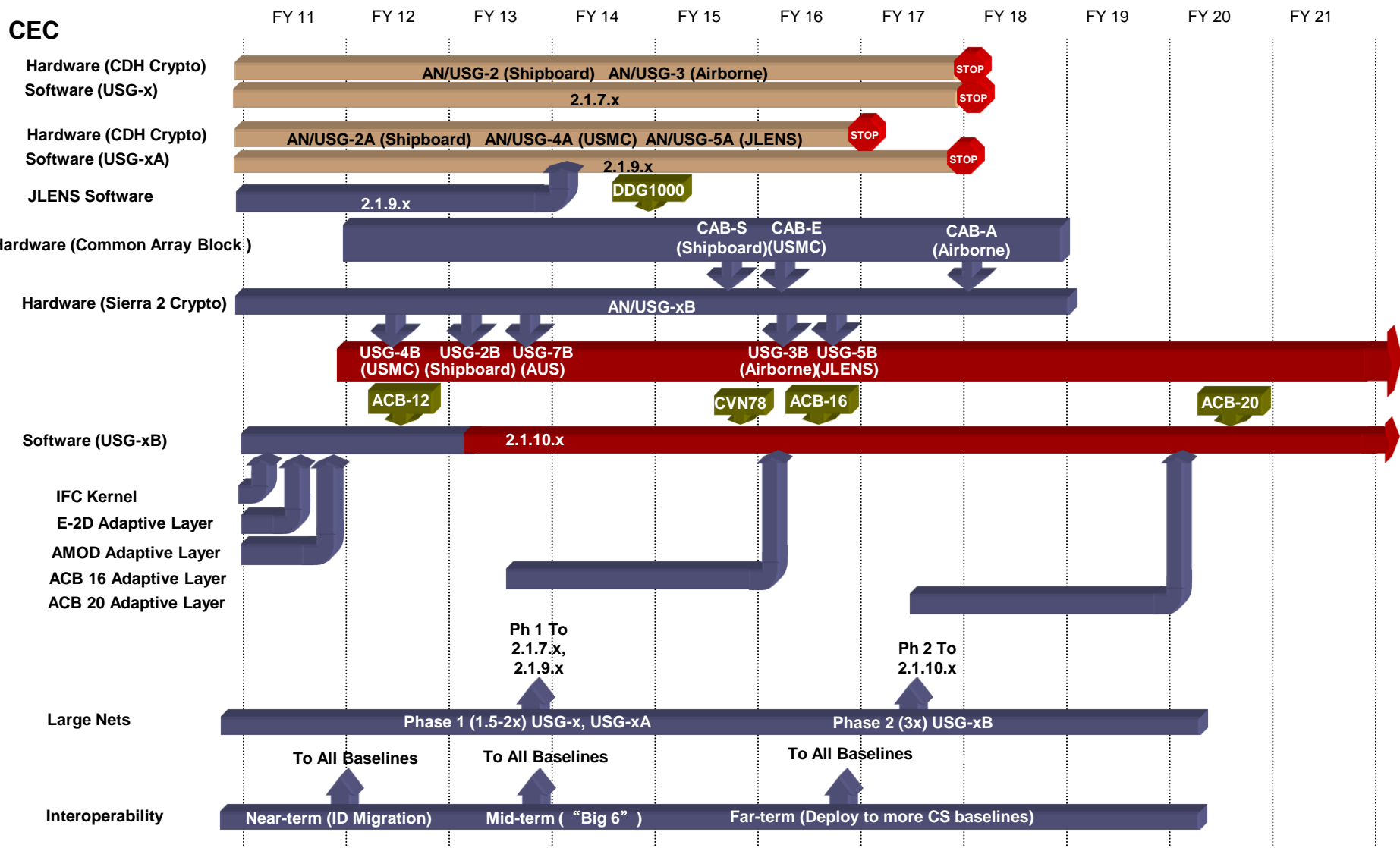
NAV/DSP	SN/TM
M. Spurr IWS6ENG1 1E2032	M. Roberts IWS6ENG2 1E2031
P. Tolbert IWS6ENG3 1E2113	D. Kenney IWS6ENG5 1E2066
F. Vogel IWS6ENG11 1E2064	S. Rathmanner IWS6ENG4 1E2114
	E. McCabe IWS6ENG9 1E2137
	B. Gault IWS6ENG12 1E2092
	E. VanNortwick IWS6ENG8 1E2065
	B. Burdsall IWS6ENG10 1E2063

NAVSEA 05H SIM
T. Scaramozzi
IWS6ENGSIM

NAVSEA 05C Cost Analyst
P. Patel
IWS6SEA05C



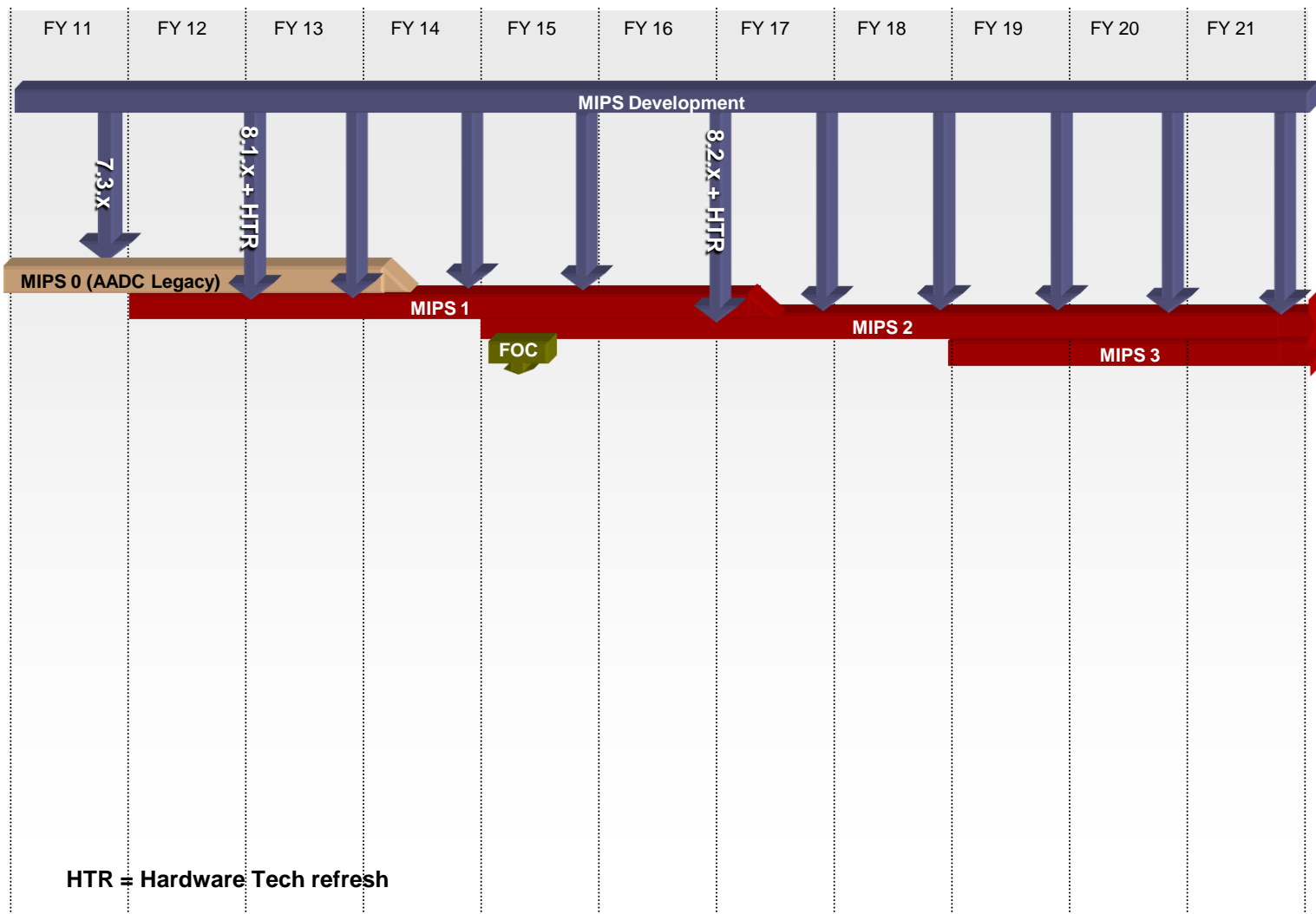
Track Management & Sensor Netting Product Line Roadmap





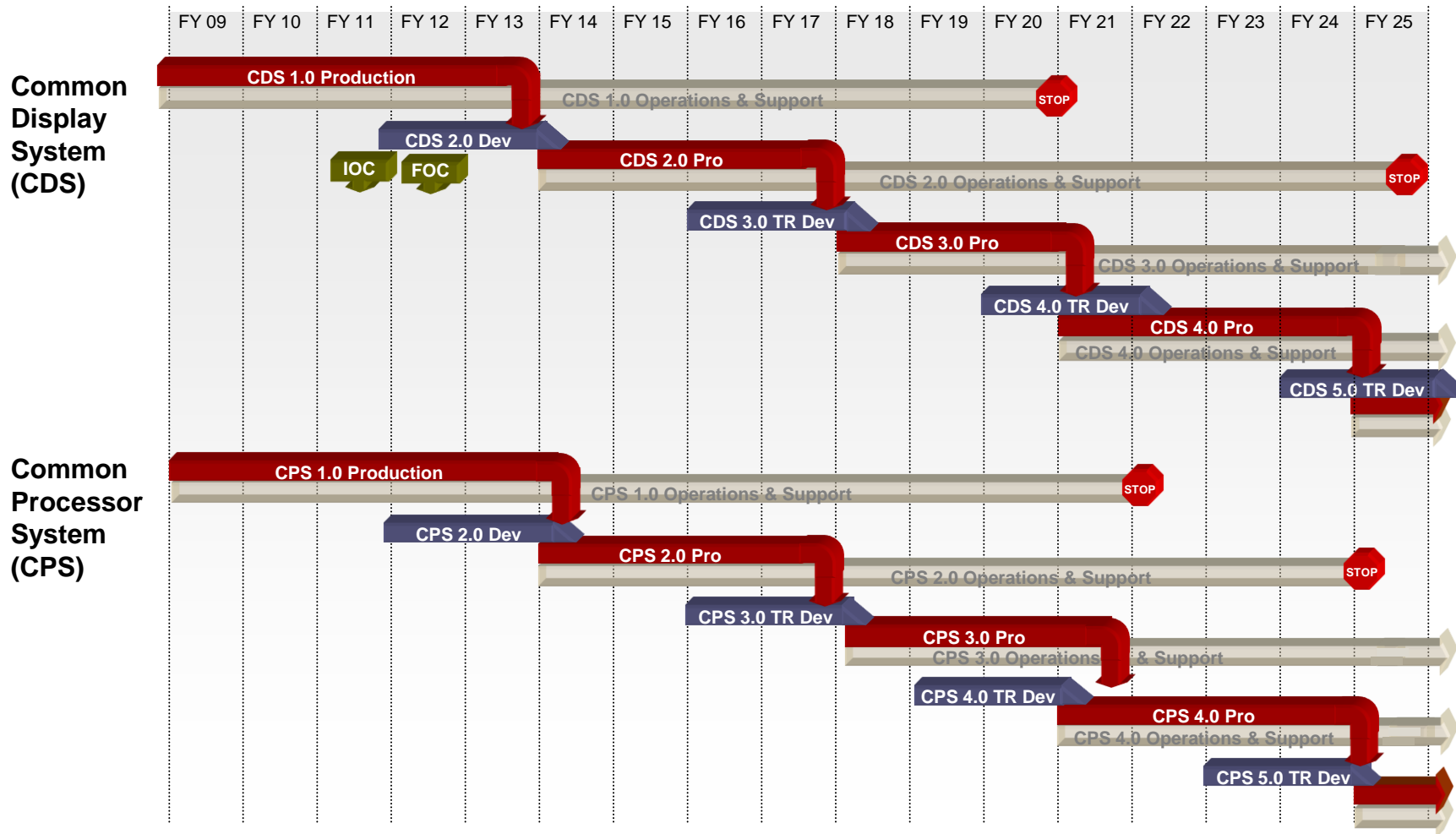
Maritime IAMD Planning System (MIPS) Product Line Roadmap

MIPS
Annual
Incremental S/W
Releases



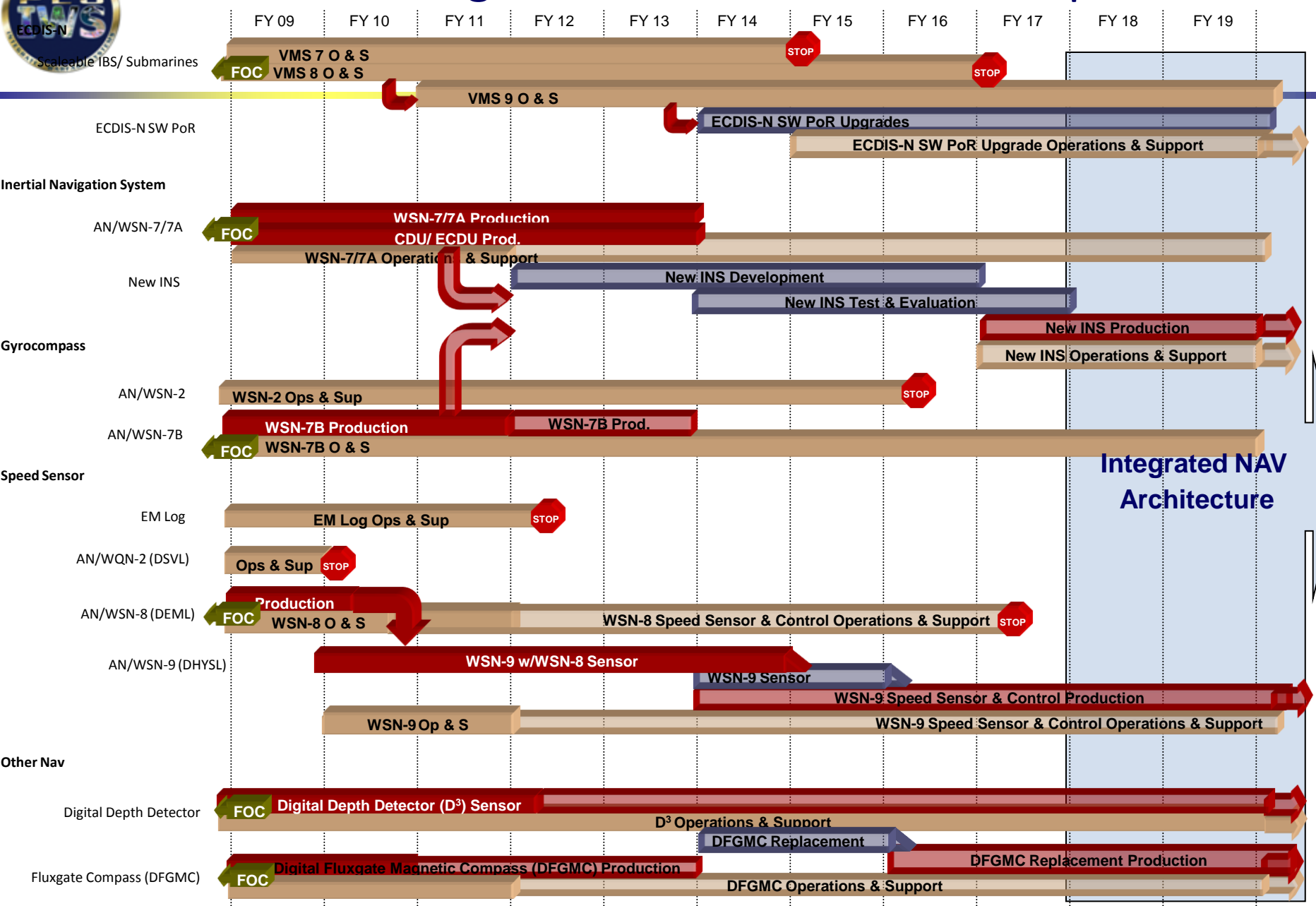


Common Display & Processor Systems Product Line Roadmap





Navigation Product Line Roadmap



Integrated NAV Architecture



Priorities of Capability to the Fleet

- Interoperability
- Information Assurance (IA)
- CDS/CPS
 - Obsolescence and Life Cycle Support
- Navigation
 - Next Generation Inertial Navigation
 - Next Generation Digital Speed Log
 - Common / Certified Electronic Charting



DoD “Better Buying Power” Guidance Roadmap

To address current DoD fiscal realities, IWS 6.0 is applying mandated DoD Better Buying Power and identifying total ownership reduction opportunities

Sensor Netting/Track Management

- **Promote real competition**
 - Latest direction promotes competition for CEC system and components
- **Improve tradecraft in services acquisition**
 - Next SDP production contract will be small business set aside
- **Reduce Cost**
 - Common Antenna Technology

Maritime IAMD Planning System (MIPS)

- **Competitive Procurement**



DoD “Better Buying Power” Guidance Roadmap (Cont’d)

Displays and Processors (DSP)

- **Target affordability and control cost growth (\$TY)**
 - Conducted Tech Insertion /Tech Refresh (TI/TR) to enable early detection of parts obsolescence and verify replacement components
 - Common Displays / Common Processors
- **Promote Real Competition**
 - Latest direction promotes competition for Displays & Processors

Navigation

- **Target affordability and control cost growth (\$TY)**
 - ECDIS-N Software Program of Record (GFE vs. CFE)
- **Promote Real Competition**
 - Latest direction promotes competition for Navigation systems



Driving Affordability

- Moving towards common hardware components
 - Reduces spares and life cycle costs
 - Reduces integration costs
- Competing at the sub-system level
 - Enables more innovation by allowing more companies to focus on specialty areas
 - Enables price realism in both bid offer and source selection
 - Companies can bid in areas better aligned to their core expertise driving price down
- RTOC
 - Identifying TOC reductions where possible (IA/CAB)



PEO IWS Contract Plan

- CEC Industry Day, held December 2010, identified the following contracts for competition:
 - Signal Data Processor (SDP-S) Production
 - Common Array Block (CAB) Family of Antennas Design Agent
 - CEC AN/USG 2B/3B/4B/5B/6B/7B (Surface ships, Aircraft, USMC, Army, FMS) Production
 - CEC BOA
 - CEC Design Agent / Engineering Services
- MIPS
 - Maritime Integrate Air and Missile Defense Planning System (MIPS) Follow on Design and Production System
- Navigation
 - Competition for INS-R Development contract in FY12

See CEC update to FEDBIZOPS dated 27 October 2011



PEO IWS Contract Plan (Cont'd)

- CDS Industry Day, held June 2011, identified the following contracts for competition:
 - Common Display System (CDS) Variant “A” Production
 - Common Display System (CDS) Variant “A”, Variant “B” and Remote CEM Follow on Production
 - Common Display System (CDS) Variant “A”, Variant “B” and Remote CEM Future baseline Development and Production
- For CPS Milestones, the following contract is being competed or will be competed in the near future
 - Common Processing System (CPS) Future baseline Development and Production



What Can Industry Do For Us?

- Participate in IWS 6.0 competitive contracting opportunities through FEDBIZOPS announcements
- Identify Reduced Total Ownership Cost (RTOC) opportunities
- Introduce state-of-the-art technology while mitigating obsolescence and supportability risks
- Design to address DMSMS



Question & Answer Period

UNCLASSIFIED