

NDIA
Automatic Test Committee
Navy/Marine Corps (Air)
Liaison Reports

March 29, 2017

Tony Minei

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407 306-4338

Agenda

- PMA-260 Organization
- CASS Initiatives
- RTCASS Overview
- eCASS Status
- Questions

PMA260D Current Organization

- CAPT Brian Jacobs – Program Manager, Naval Aviation Support Equipment Program Office, NAVAIR PMA260
 - CAPT Jacobs will retire this summer to be replaced by CAPT (sel) Tom Dall
- Derwin “DEX” Hansard – Deputy Program Manager, overall responsibility for ATS acquisition and policy
- CDR Ramiro “Flo” Flores, ADPM, PMA260DX is the Deputy to PMA260D and performs the roles of CASS Officer and XO
- Team Leads:
 - Sean Demme, for eCASS, eCASS TPS Migration and CCTARS
 - LCDR Mangold for High Speed Subsystem Ancillary Kit (HSS-AK)
 - CDR Flores (acting), for CASS, RTCASS and RTCASS-D
 - Jeff Allen, for PEMA and TPS Offload
 - Jeff Llewellyn, Electro Optic Test Systems
 - Tony Conard, for Jacksonville Site Lead
 - Nancy McQuillan, for Lakehurst Site Lead
 - Elliott Lytle, for Cherry Point Site Lead

PMA260 Aviation Support Equipment Org Chart

Competency Roles

Acquisition
John Baker
(PMA260A1)

BFM
Michelle Fore
(AIR-7.8)

Engineering
Robert McCaffery
(AIR-4.0)

Cost Estimating
Bob Preedy
(AIR-4.2)

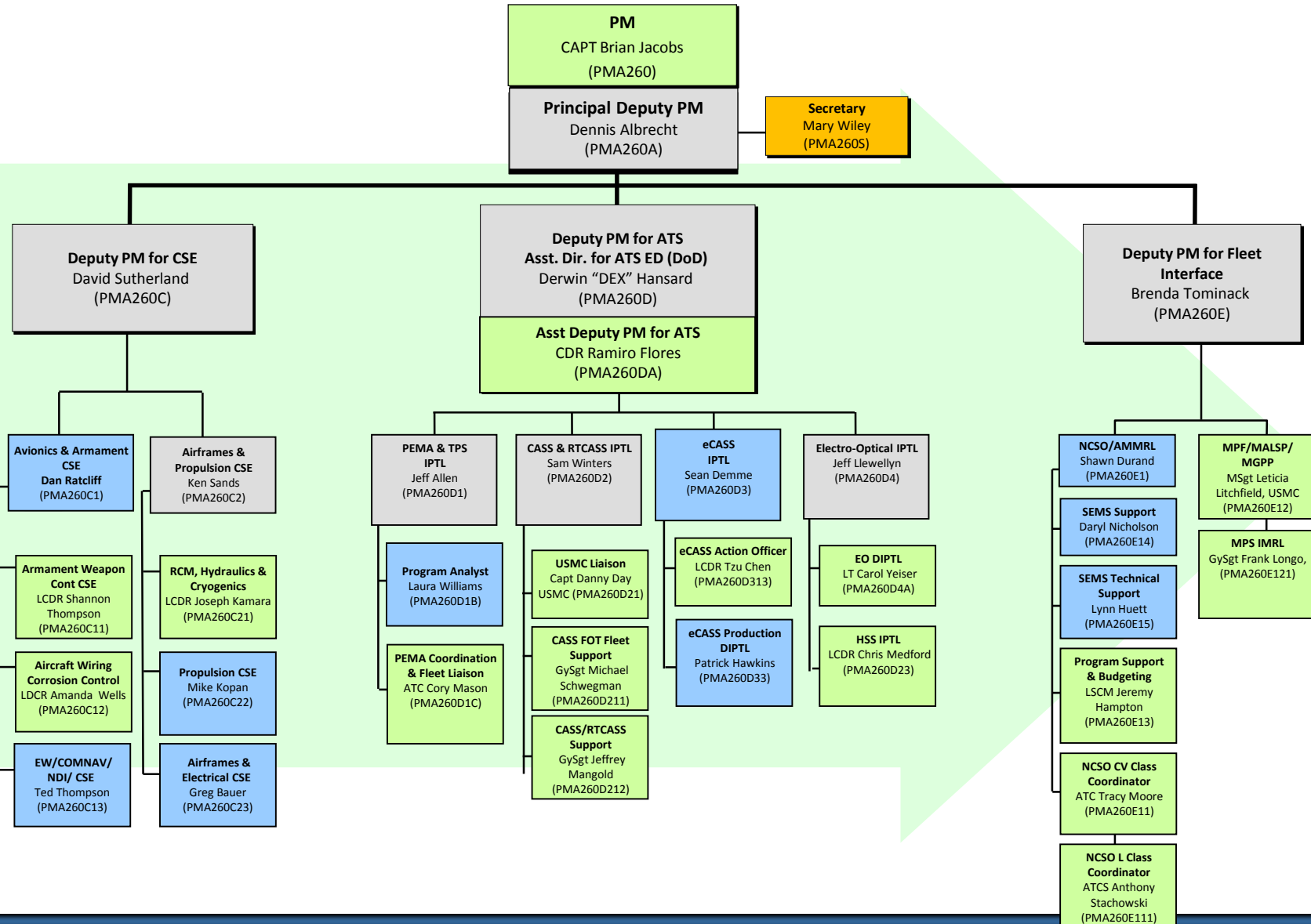
APM T&E
Marcus Lemke
(AIR-5.1.1)

Logistics
Mark Dobson
(AIR-6.0)

Contracts
Jack Murtagh
(AIR-2.5)

Legal
Karin Wiechmann
(AIR-11.7.2)

ISSM
Chris Dosch
(AIR-7.2.6)





PMA260C IPT Structure

1 November 2016



NAWCAD LKE Management
Jim Deffler, 131 DSN 624-1202
David Inferrera, 13181 DSN 624-1601
Janet Dipasquale, 13182 DSN 624-2107

PMA260 Chief Engineer
Bo McCaffery DSN 757-6911
PMA260C Lead APMSE
Jennifer Archer DSN 757-6855

PMA260C
Deputy PM CSE
David Sutherland
DSN 757-6912

PMA260 Product Support Manager
Mark Dobson DSN 757-7944
CSE Deputy
Al Wolf DSN 757-6846

PMA260 Assistant PM, Test & Evaluation
Marcus Lemke
DSN 757-6872

PMA260C1
Armament/Weapons Control/Vibration/Avionics
Dan Ratcliff
DSN 757-0947

PMA260C2
Platforms/Electrical/Propulsion/AECTS/Air Conditioners
Kenneth Sands
DSN 757-6842

PMA260C11
Armament/
Weapons Control CSE
LCDR Shannon Thompson
DSN 757-6867

NAWCAD LKE 13182
Armament Handling
Irene Bilyk
DSN 624-5391

NAWCAD LKE 13182
Weapons Control
Boresight Equip
Peter Vardaxis
DSN 624-7378

CSS
Karen Branch
DSN 757-6876

Commercial
NAVAIR PMA260: 301-757-XXXX
NAWCAD Lakehurst: 732-323-XXXX

PMA260C12
Corrosion Control/
Vibration/Wiring CSE
LCDR Amanda Wells
DSN 757-6874

NAWCAD LKE 13182
Aircraft Wiring
John Garrett
DSN 624-4146

NAWCAD LKE 13182
Corrosion Control
Chris Mahendra
DSN 624-7131

NAWCAD LKE 13182
Vibration Analysis
Kevin Silverstein
DSN 624-2151

PMA260C13
EW/CNI/Instrumentation/
Software Loading/NDI CSE
Ted Thompson
DSN 757-6863

NAWCAD LKE 13182
CNI/ Electronic
Warfare (EW)
Rich McKenna
DSN 624-5391

NAWCAD LKE 13182
Software Loading
Kevin Silverstein
DSN 624-2151

NAWCAD LKE 13182
Instrumentation
Cheryl Butler
DSN 624-1298

NAWCAD LKE 13182
Non-Destructive
Inspection (NDI)
Marc Donohue
DSN 624-4702

PMA260C21
Cryogenics & Hydraulics
CSE/ RCM
LCDR Joe Kamara
DSN 757-6845

NAWCAD LKE 13181
Cryogenics
Dave Schmidt
DSN 624-4720

NAWCAD LKE 13181
Hydraulics
Bill Smykowski
DSN 624-4258

NAWCAD LKE 6712
Reliability Centered
Maintenance
Mike Savarese
DSN 624-1412

NAWCAD LKE 13181
Aircraft Generator
Testing
Michelle Bower
DSN 624-7873

PMA260C22
Shipboard Fire Truck/
Propulsion CSE/LMEPP
Mike Kopan
DSN 757-6844

NAWCAD LKE 13181
TPTI/SET/AETS/
ETI Cyber Security
Shaun Brown
DSN 624-2132

NAWCAD LKH 13182
Air Start/EHATE
Chris Mahendra
DSN 624-7131

NAWCAD LKE 13181
JETI/T-26 APU
Michelle Bower
DSN 624-7873

NAWCAD LKE 13182
Fire Trucks
Marc Donohue
DSN 624-4702

NAWCAD LKE 13182
Land Based Mobile Electric
Power Plants (LMEPP)
Rich McKenna
DSN 624-4234

PMA260C23
Platforms/Electrical/
Air Conditioning CSE
Greg Bauer
DSN 757-6843

NAWCAD LKE 13181
Aircraft Handling/
SMEPP/Air Conditioners
Paul Durso
DSN 624-1923

NAWCAD LKE 13182
Load Banks/
Frequency Converters
Chris Mahendra
DSN 624-7131

NAWCAD LKE 13182
Deicer Trucks/
Heaters
Kevin Silverstein
DSN 624-2151

Automatic Test Systems (ATS) Organization Chart

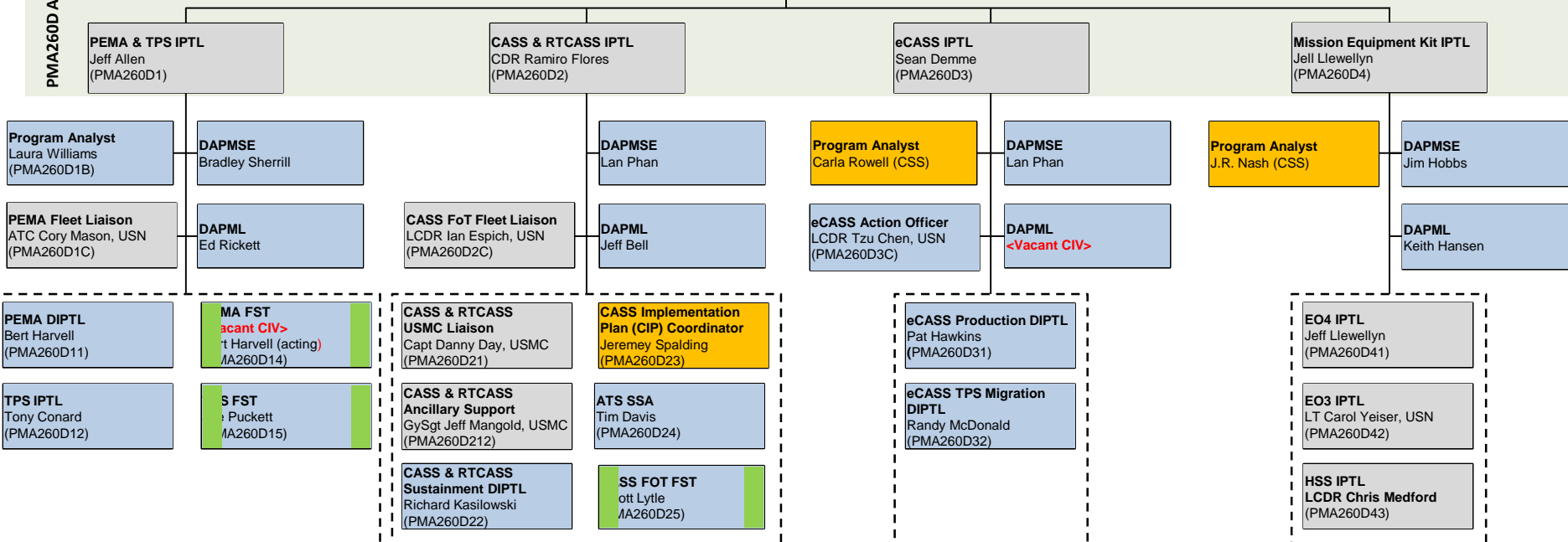
PMA260D ATSELT Members

PMA260 Functional Leads (Shared)	
PMA260 Acquisition	John Baker
PMA260 Configuration Mgmt	Craig Davie
PMA260 Cyber Security	Chris Dosch
PMA260 Legal	Karen Wiechmann
PMA260 Test & Evaluation	Marcus Lemke

ATS Functional Leads	
ATS APML	Brian Cervenak
ATS APMSE	Andrea Roderick
ATS BFM	Matt Bowes
ATS Config Mgmt, Deputy	GySgt Michael Schwegman, USMC
ATS Contracts	Evan Schlisserman
ATS Cost/Schedule	Bob Preedy
ATS FMS & PM Support	William Ross (CSS)

Deputy PM for ATS Asst. Dir. for ATS ED (DoD) Derwin "DEX" Hansard (PMA260D)
Asst. Deputy PM for ATS CDR Ramiro Flores, USN (PMA260DA)

ATS Site Leads		
FRCE (Cherry Point)	Elliott Lytle	(PMA260DC)
FRCSE (Jacksonville)	Tony Conard	(PMA260DJ)
FRCSS (North Island)	Jimmy Pham	(PMA260DN)
NAWCAD (Lakehurst)	Jim Deffler	(PMA260DL)



Notes:

- 1) D2 – CDR Flores will be IPTL while Sam Winters is on 6 month rotation, Mar-Aug-2017.
- 2) D2C – LCDR Espich (departure Apr-2017), no MIL replacement date (see note 4).
- 3) D21 – Capt Day (departure end-Feb-2017) handing off HSS program to LCDR Medford. Capt Day replacement will be CASS & RTCASS USMC Liaison (late-4Q FY17).
- 4) D3C – LCDR Chen continues as eCASS Action Officer (departure Apr-2017), LCDR Chen replacement will fill D2C billet (May-2017) (see note 2).
- 5) PEMA FST – Hiring Board re-review prior to opening position after hiring freeze.
- 6) eCASS DAPML – Ready to extend offer after hiring freeze.
- 7) ATS Product Innovation is now a series of Technical Teams associated with ATS APMSE.



Mainframe CASS Initiatives

- CASS EO Improvements:
 - Replacing the obsolete multi wavelength LASER and other components for reliability improvement – **USN fielding nearly complete – FMS fielding underway**
 - Extending the life of the existing camera and planning a camera replacement
 - Planning a future EO Module replacement program (2020+)
- Replacement of Internal Magneto-Optical (MO) Drive, Internal Hard Drive, and Enhanced External Hard Drive (EEHD) Ancillary Set with DVD media and solid state hard drives underway
 - **Will replace about 150 MO TPS media at a typical CASS site with a single DVD TPS media**

Mainframe CASS Initiatives (Con't)

- High Speed Subsystem Ancillary Kit (HSSub-AK) Program of Record (PoR):
 - Support for emerging high speed buses and real time testing requirements
 - Ancillary Equipment – external on CASS/RTCASS; may be internal with eCASS
 - V-22, F-18E/F, E/A-18G, E-2D, H-53K, H-60, and P-8 all have TPS applications in process or expected
- CASS/RTCASS PBL Acquisition – Seven year contract awarded in March 2017
- CASS will begin to be replaced by eCASS in the field later this year

RTCASS Overview

- RTCASS and High Power Stations
 - 165 systems fielded
 - CASS TPSs support 740+ UUTS on RTCASS/RTCASS-HP
 - Computer upgrade installations are in progress by the USN in 2017
- RTCASS PBL Support
 - CASS/RTCASS PBL on contract May 2016
 - 5 years with 2 option years
- RTCASS Depot
 - Converted 10 RTCASS stations into RTCASS-D configurations located at Jacksonville, Crane, NORIS, and Cherry Point.
 - Upgraded analog and digital capabilities
 - Commercial cabinet and power system
 - Initial Operation Capability achieved 2 Apr '15



RTCASS



RTCASS High Power



RTCASS Depot

Still Making New CASS/RTCASS OTPSs

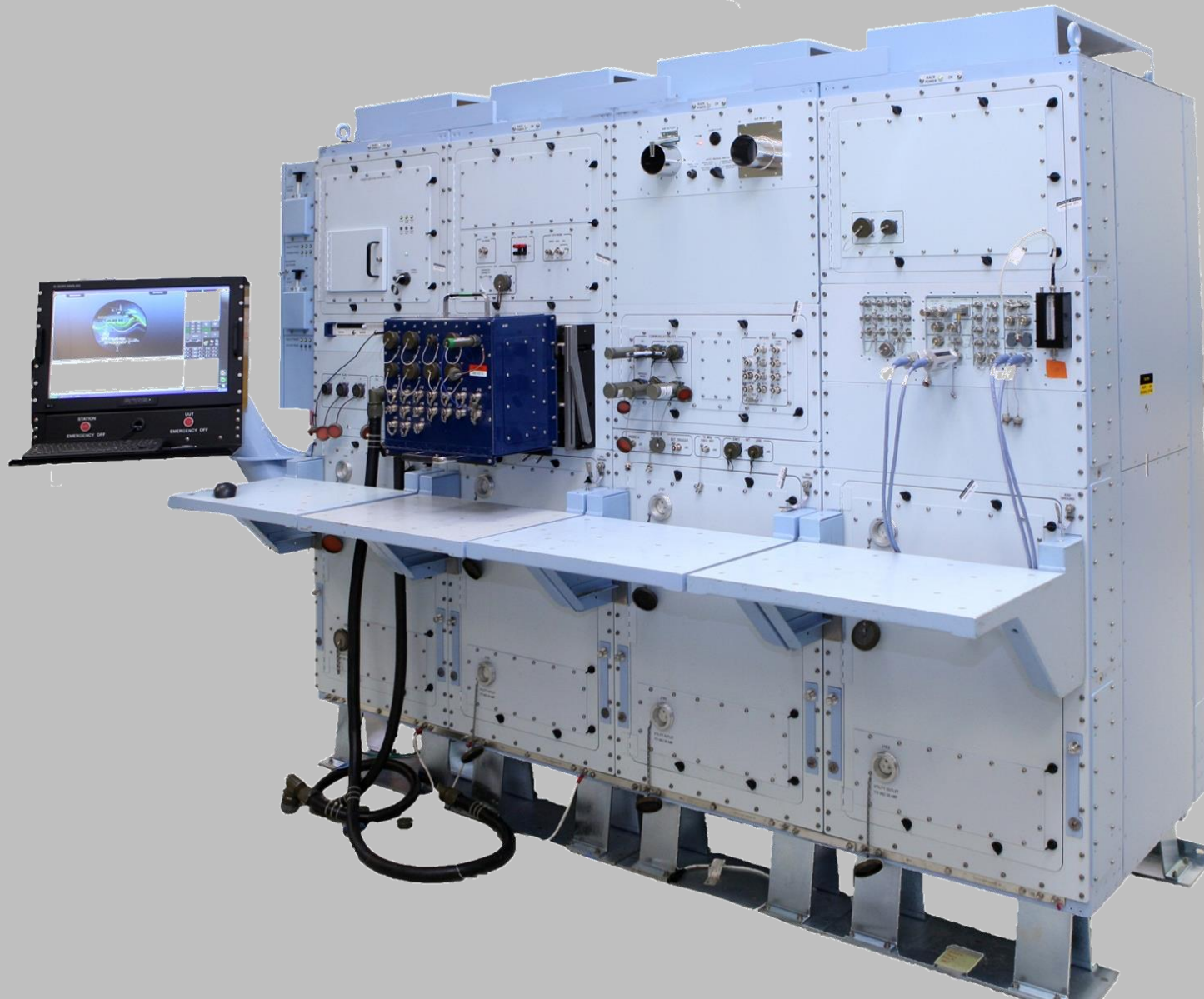
CASS

- ATS Lot 1 Offload to CASS Reliability Improvement Program
- ALR 67v2 SRAs Offload to CASS
- H-53 AFCS Offload to CASS
- F-18E/F DTS Direct to CASS
- EA-18G ALQ 218 Direct to CASS
- P-8 ALQ 240, and SMS Direct to CASS
- H-60 MMR Radar, AAS-44C (FLIR), and ALFS ST/R Direct to CASS
- V-22 ABIU, NIU, WIU, RMU, DDMS, APU, ECU, IAP, VSLED Direct to CASS
- H-/UH-1Y Mission Computer and HIAOC Direct to CASS
- T-45 EGI Direct to CASS
- MQ-4C Triton – In planning (may be Direct to eCASS)
- ALQ 67v3 – possible 2018 start (likely Direct to eCASS)

F-18 International Partners Contributing

- ATS Depot OTPS Offload
- F-18 USSR and RMM
- AYK 14 Computer Offload to CASS
- F-18 Radar Altimeter (planned)

eCASS RF Engineering Development Model



eCASS Status

- LRIP I, II & III Production Underway
 - 67 limited rate production units on order
 - All 18 LRIP I & 18 LRIP II stations sold-off, 35 delivered
 - 25 LRIP III stations sold-off, 6 stations underway
- Full Rate Production 1 awarded Feb 2017
 - 67 stations ordered consisting of 2 lots
 - Station deliveries planned for FY18 and FY19
 - 5 FMS station order to be added in April 2017
 - ICS #2 awarded, base plus 3 option years
- Full Rate Production 2 Planning Underway
 - RFI released February 16th with responses due March 2nd
 - RFP expected Q4FY2017
 - Last five lots planned for Q2FY18
 - Plan to produce 211 eCASS stations for USN & USMC through 2022

eCASS Status (Cont.)

- The CASS TPS “Migration” to eCASS Underway
 - About 550 CASS TPSs will be migrated to eCASS
 - 30 TPSs migrated during SDD program phase
- On target for 2017 EO/HP fielding to fleet
- Not originally planned, but F-35B (USMC) and F-35C (USN) will likely need I-level support using eCASS
 - 54 Line Replaceable Component (LRC) candidates identified
 - OPNAV desires some capability by 2020 first aircraft carrier deployment
 - LM-STAR depot level TPSs would be migrated to eCASS
 - eCASS capability and TPS Performance analysis project being considered
 - Demonstration LM-STAR to eCASS TPS migration for the Vehicle Management Computer (VMC) successfully completed in October 2015
- The E-2D Program is developing the first “direct to eCASS” TPS applications

QUESTIONS