



Special Operations Forces (SOF)/Air Education Training Command (AETC) Simulators

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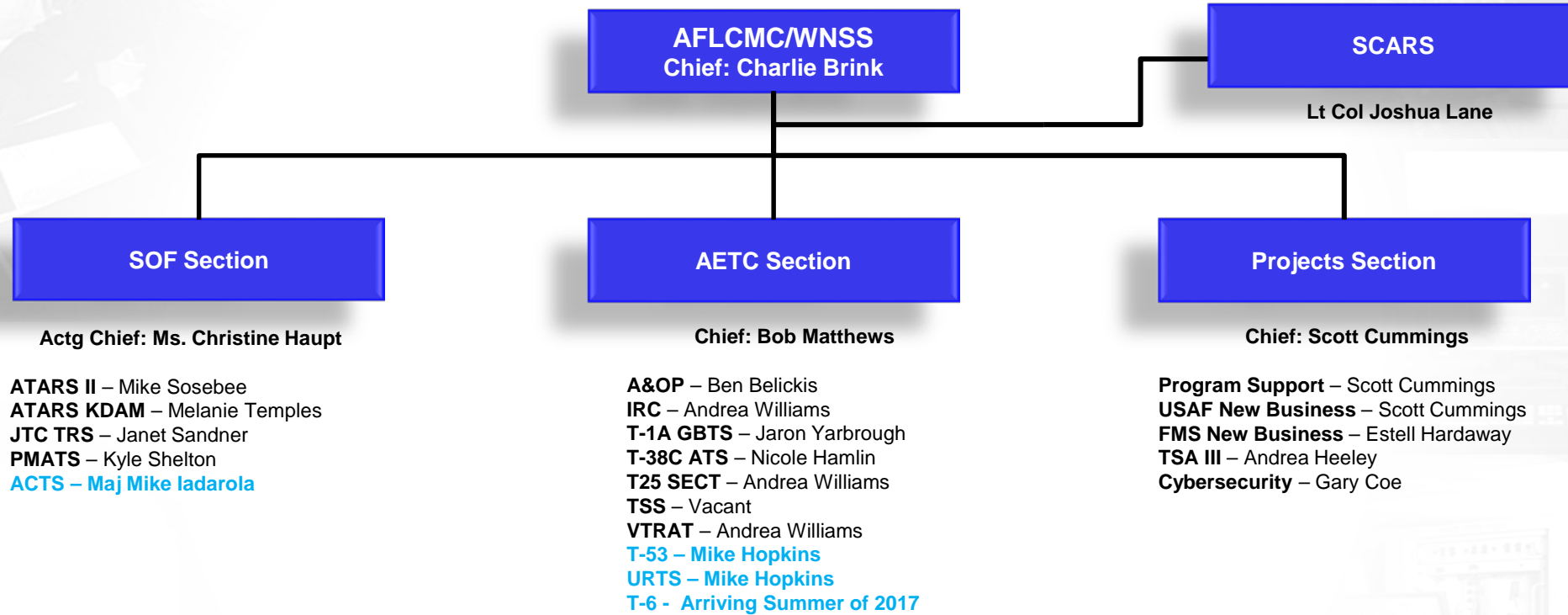
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9 May 2017

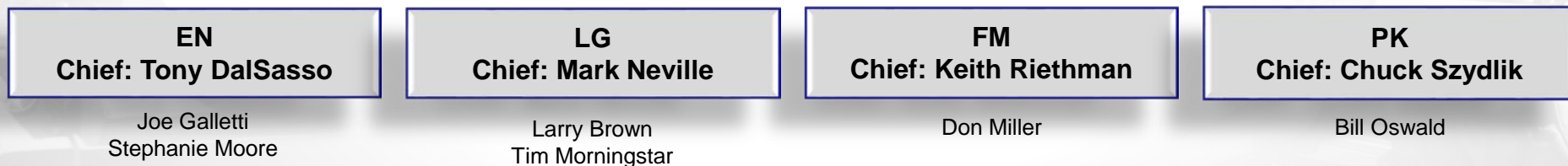
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Special Operations Forces & Air Education Training Command (AETC) Simulators

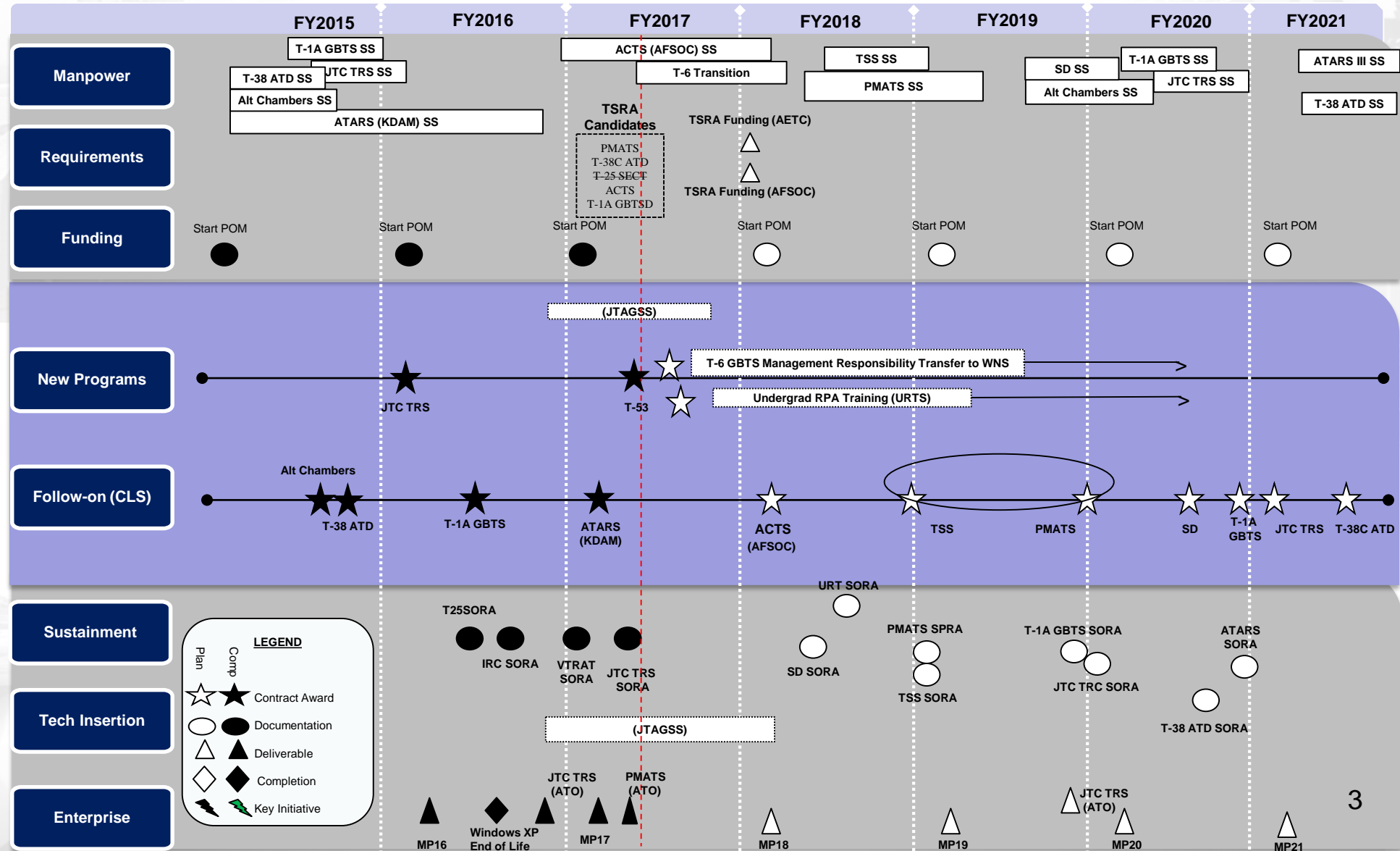


Functional Support





SOF/AETC Simulators Roadmap



SOF/AETC Branch Overview

Simulators Division Source Selections		Today											
		CY 2016				CY 2017				CY 2018			
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
AFSOC ACTS	Current												
	Source Sel Follow-on												
Towers	Current												
	Source Sel Follow-on												
PMATS	Current												
	Source Sel Follow-on												

Legend	
Contract PoP	
Contract Extension	
SS Pre-RFP Planning	
RFP to Award	

Towers Training System (TSS)



Towers Training System (TSS)



- Description: Air Traffic Control simulator
- Missions:
 - Provide realistic training environment to USAF and FAA Controllers
 - Current tool set found in tower environment needed to achieve and maintain proficiency in the skills necessary to effectively control the airspace in a military and Federal Aviation Agency air traffic environment
 - Initial Qualification Training: certify new Air Traffic Controller trainee's
 - Train operational Controllers in multiple positions, with aircraft and additional controller interaction and coordination
 - Expose operational Controllers to:
 - Local mission changes
 - New aircraft/unique flight characteristics
- Location: 90+ USAF & FAA sites





Towers Training System (TSS)



The Home of Concurrent, Affordable Training

Current Contractor:

Company: Adacel Systems, Inc.

Contract Number: FA8621-14-C-6321

Period of Performance: 01 Dec 13 – 30 Nov 18

Original Code Developer:

Company: Adacel

Proposed Acquisition Strategy for Follow-On Effort

- Market Research will be performed to determine whether Small Business Set-Aside
- Firm Fixed Price and Cost Reimbursable CLINs
- Single award
- Period of performance: 5 years (1 base, 4 options)
 - 90-Day Transition
- Estimated Contract Value: \$19M to \$25M

Points of Contact

Program Manager: Mr. Mike Hopkins, AFLCMC/WNSS

Contracting Officer: Ms. Kerisha Wordlaw, AFLCMC/WNSK

User: Mr. Jim Roberts, AFFSA/XR



Towers Training System (TSS)



- Acquisition Planning Start: Jun 17
 - First Industry Day: TBD
 - RFP Release: TBD
 - Estimated Award Date: 31 Dec 18
-
- Industry will obtain updates from the program office via TSA III or FedBizOps

Predator/Reaper Mission Aircrew Training Systems (PMATS)



MQ-9 Reaper RPA



MQ-1 Predator RPA

PMATS is:

- High fidelity simulation system modeling the MQ-1 and MQ-9 Remotely Piloted Aircraft (RPA) systems, Sensors and Weapons.
- Replicates Weapon System Ground Control Station.
- Training capabilities include:
 - Aircrew, Aircraft Familiarization, Emergency/Abnormal Procedures, Mission Rehearsal, Sensor and Weapons training.

PMATS Systems / Platform Configs



PMATS
*Fully Immersive Solution –
Highest-Fidelity Dedicated Simulator*



Interim GCS (PMATS Lite)
*Compact Solution – Lower Cost
High-Fidelity Dedicated Training Solution*



Block 15 Configuration

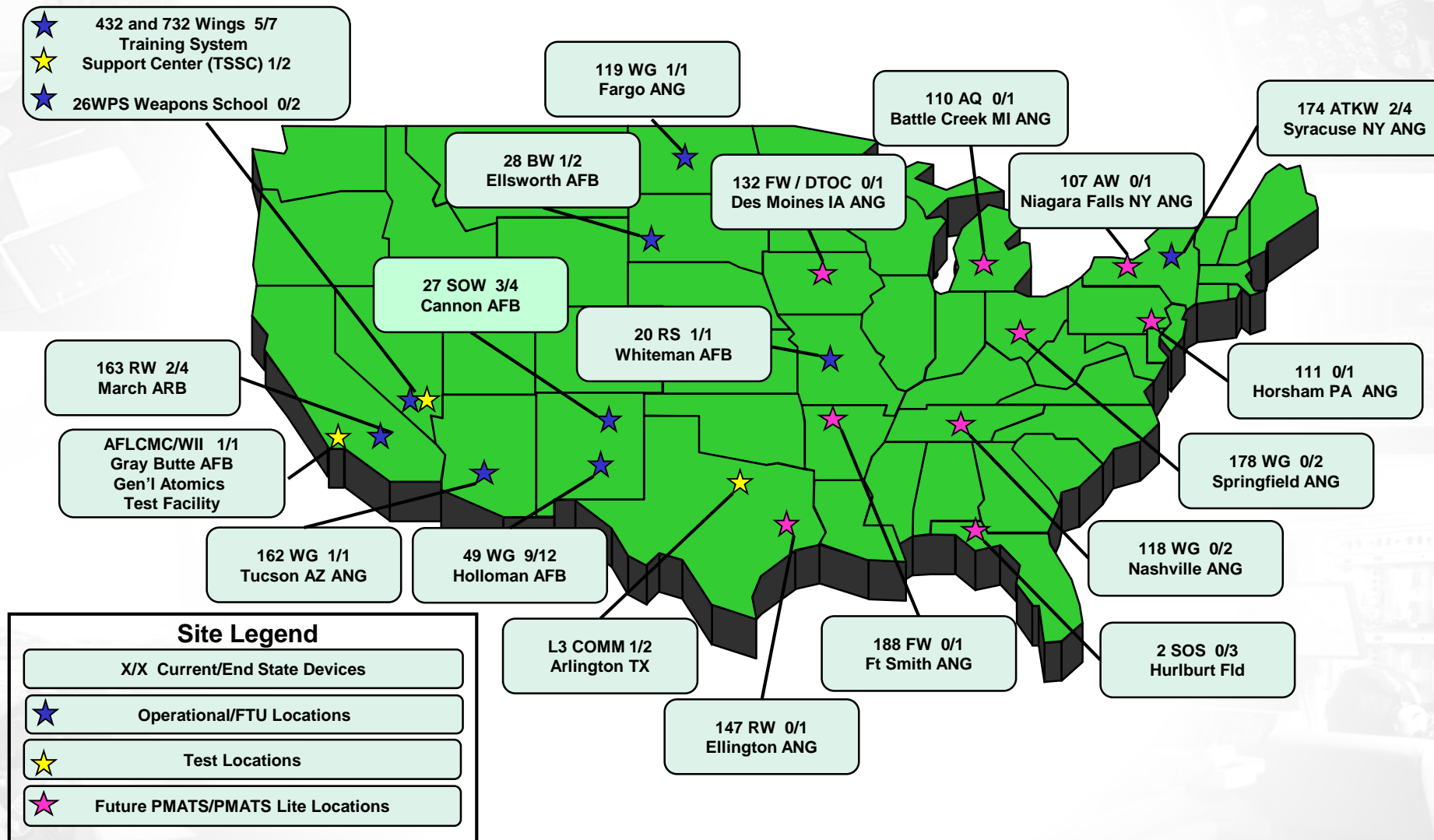


Block 30 Configuration

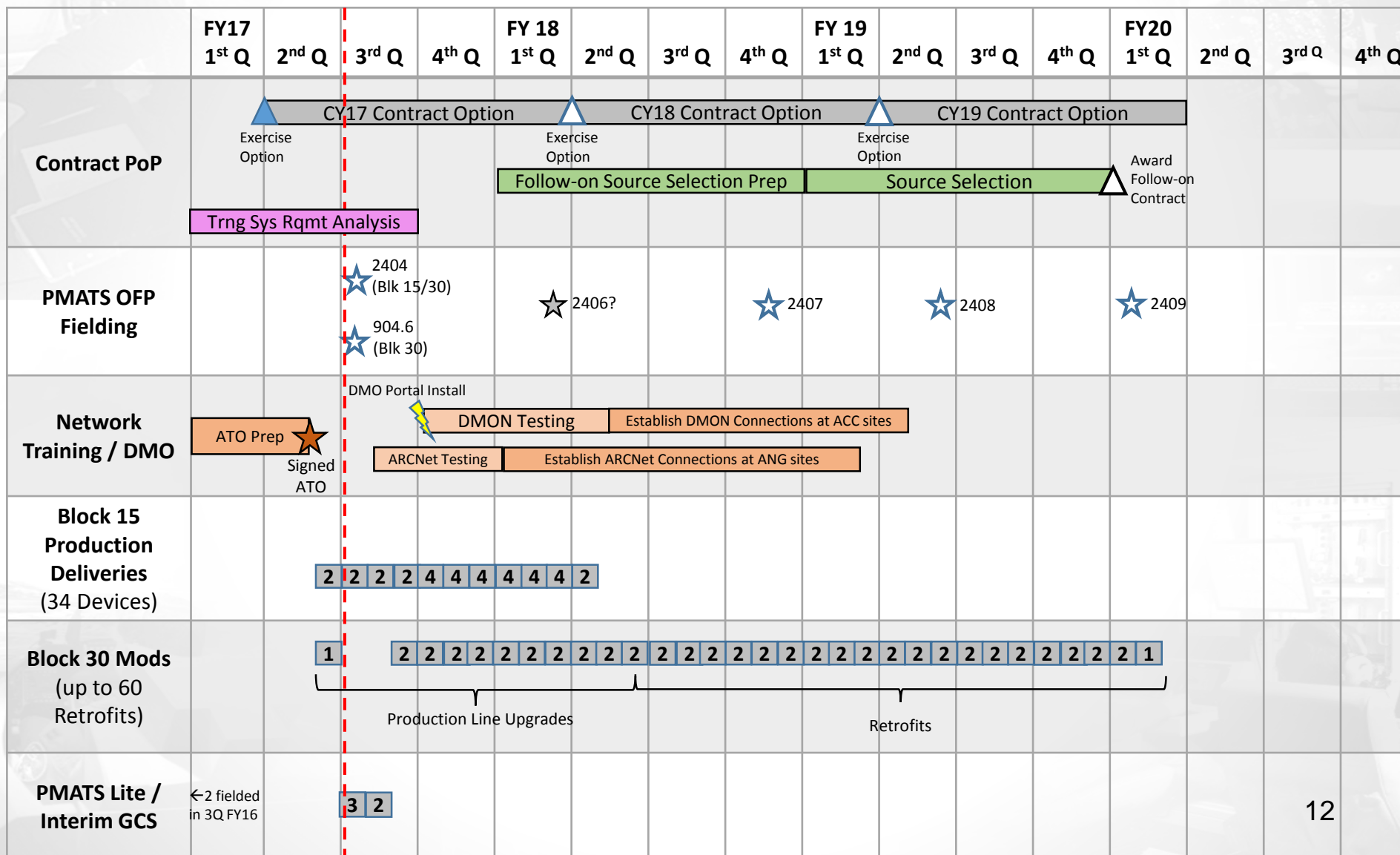


Block 50 Configuration

Current/Future PMATS Locations



Concurrency Roadmap





PMATS

Proposed Schedule for Follow-On Effort



- Acquisition planning begins: 1 Oct 17
- Estimated Award: 1 Sep 19
- Industry will obtain updates from the program office via TSA III or FedBizOps



SOF/AETC Branch Overall Requirements



Program	Hardware Buy	CLS	TSSC	Modifications	Courseware Development	Instruction
TSS	X	X	X	X	X	X
PMATS	X	X	X	X		



SOF/AETC Simulators

"On The Near-Term Horizon"



- T-6 Simulator management transition to WNS in Summer of 2017; transition plan complete
- Undergraduate Remotely Piloted Aircraft Training System (URTS) and T-53 Simulator transition from HQ AETC underway
- T-X Simulator support anticipated to start ramping up in the near future



Points of Contact



Program	PM	Contracts	End User
TSS	Mr. Mike Hopkins	Ms. Kerisha Wordlaw	Mr. Jack Celie
Office	AFLCMC/WNSS	AFLCMC/WNSK	AFFSA/XRR
Phone	937-656-8073	937-656-8153	405-734-5622
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PMATS	Kyle Shelton	Mr. Bill Oswald	Mr. Mark Winfield
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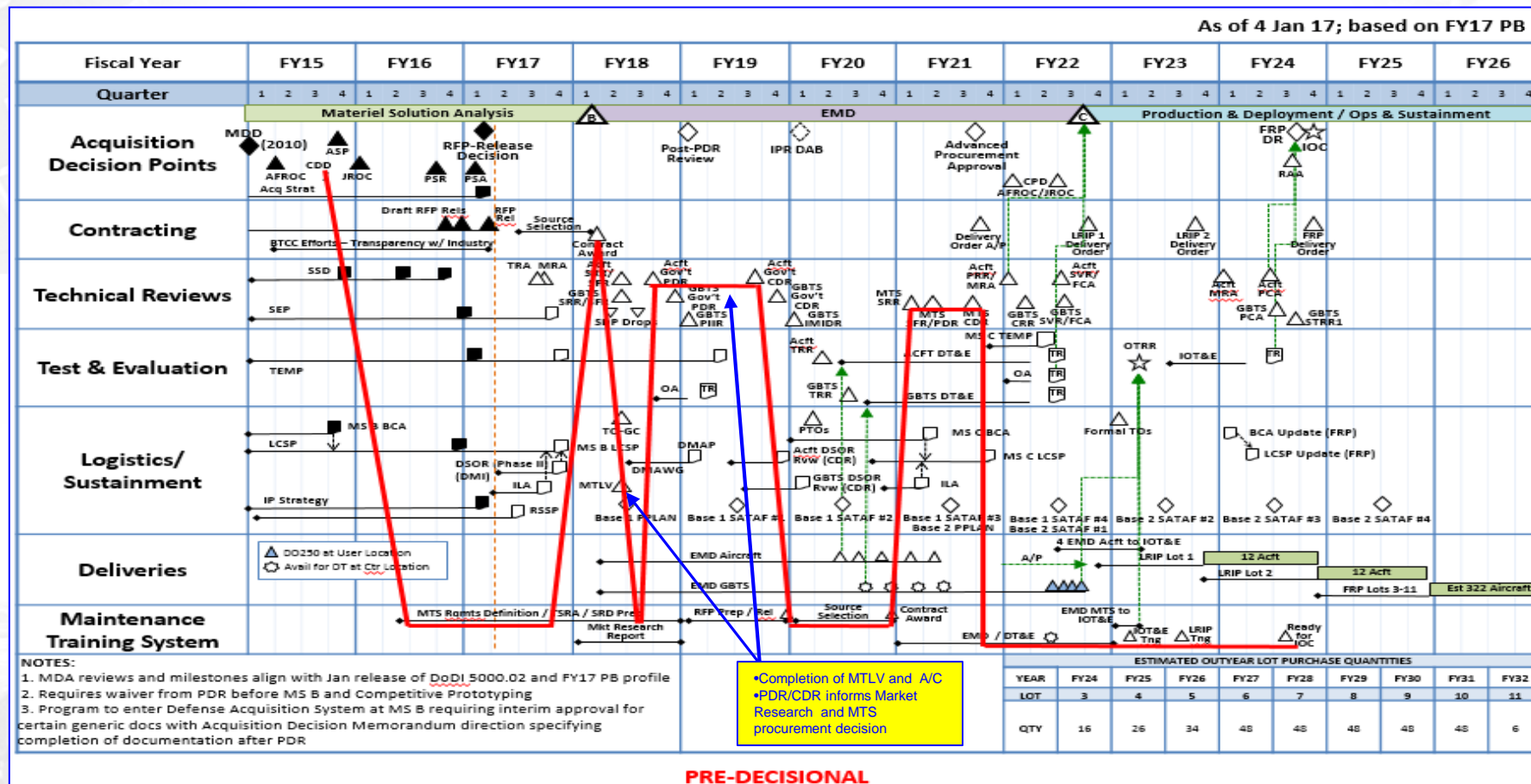
- **Maintenance**
- **Training System (MTS)**

- **9 May 2017**

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Advanced Pilot Training

“Notional” Schedule





MTS Status

- Aircraft and GBTS in Source Selection
 - Projected Contract award 1 Q 2018
- MTS Current Phase FY 17 : Requirements Determination and Market Research
 - MTS FBO site update (Apr 2017)
 - Created T-X SPO email site for MTS contractor engagement (Apr 2017)
- Status Briefs – On Track for acquisition
 - AETC A5/8/9 – 10 Mar 17
 - AETC/CC – 29 Mar 17, codified MTS as critical part of APT enterprise



MTS Status



- On Going Tasks
 - Integrate MTS into MS B Program Docs (July 2017)
 - Finish Representative TSRA (AETC) (July 2017)
 - MTS Conops formalization (Aug 2017)
 - Draft MTS System Requirement Document – awaiting updates informed by TSRA
 - Support the creation/coordination of the Training Planning Team Charter (Sept 2017)
 - Support drafting/coordination of the Systems Training Plan (Sept 2017)
 - Continue Engagement with Industry
- Future Work
 - Conduct Mx Task List Validation Post platform contract award
 - Release MTS RFP 2019
 - Award MTS contract 2020
- APT T-X MTS contact info
 - <https://www.fbo.gov> – “Advanced Pilot Training Maintenance Training Systems”
 - AFLCMC.WLZG.MTSCONTRACTS@US.AF.MIL



Questions?