

Operational Advisory Group 18-21 May 1998



PMA-233

**CAPT Ted Spilman
Program Manager**



Why are We Here?





Briefing Agenda

- Introduction of TAMPS Team
- Funding
- Past OAG Priorities
- Roadmap
- Mission Planning Product Overview
 - 6.1/6.1.1, 6.2, 6.2K, 6.2.1, PFPS, TSCM, ATACS, JMPS, Training
- Recent ESC Direction
- Summary



PMA-233's Corporate Vision

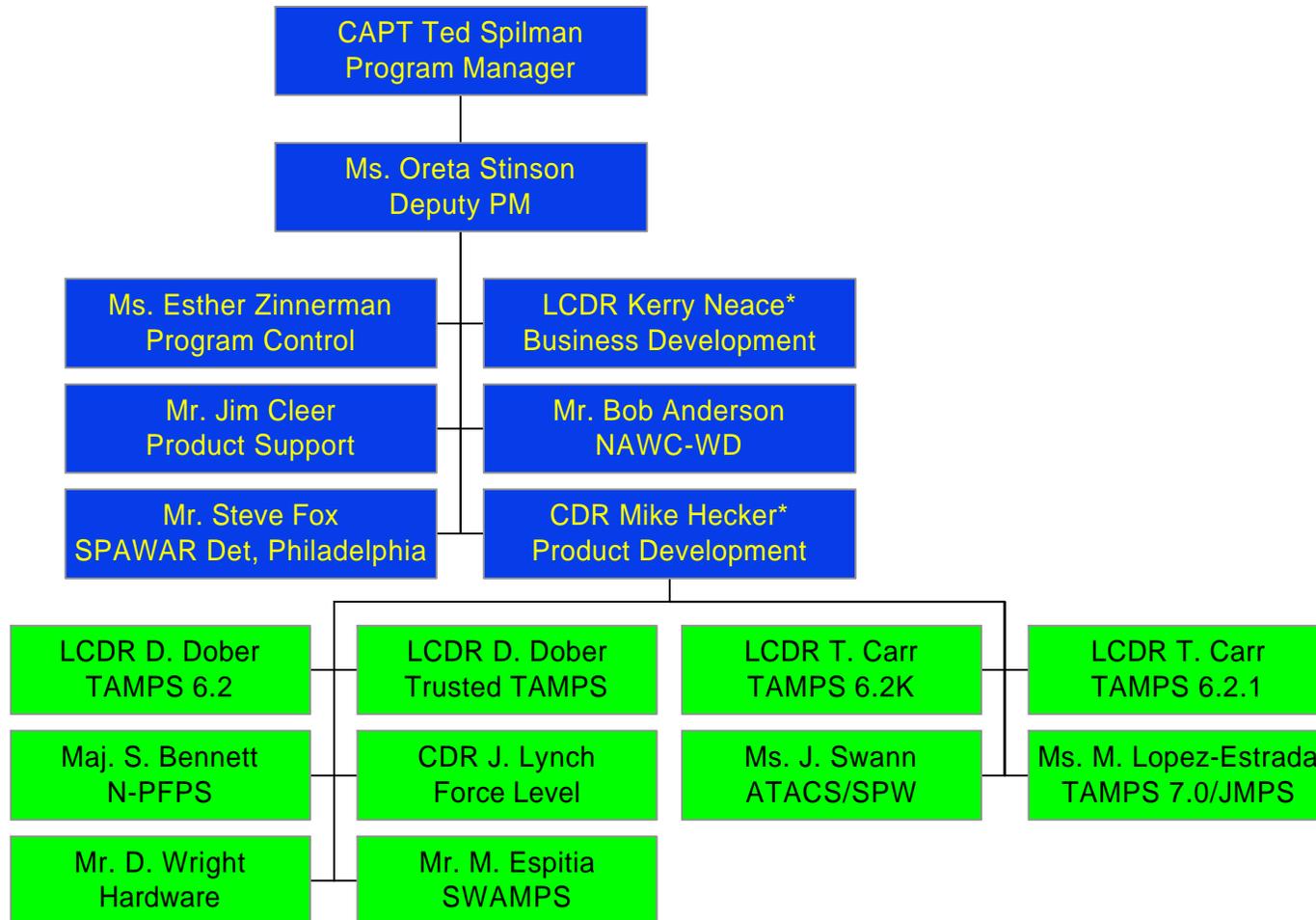
We are a Team of Motivated, Dedicated professionals committed to producing leading-edge automated mission planning environments which meet or exceed our customers' requirements and expectations.

Our Goals are:

- Lead in the joint arena
- Focus on customer requirements
- Know our core business
- Support and empower our people
- Strive for continuous improvement
- Operate with integrity



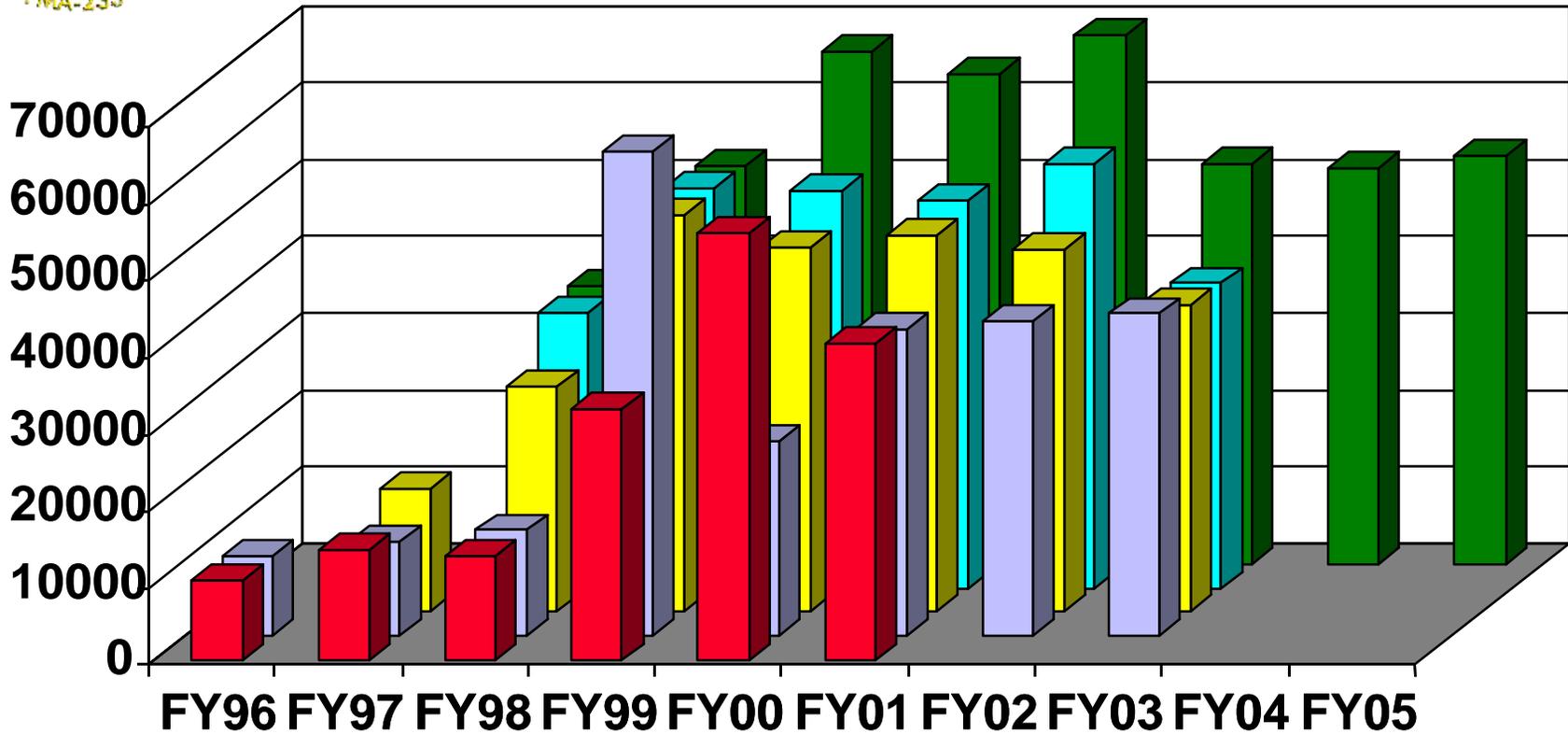
Organization





PMA-233

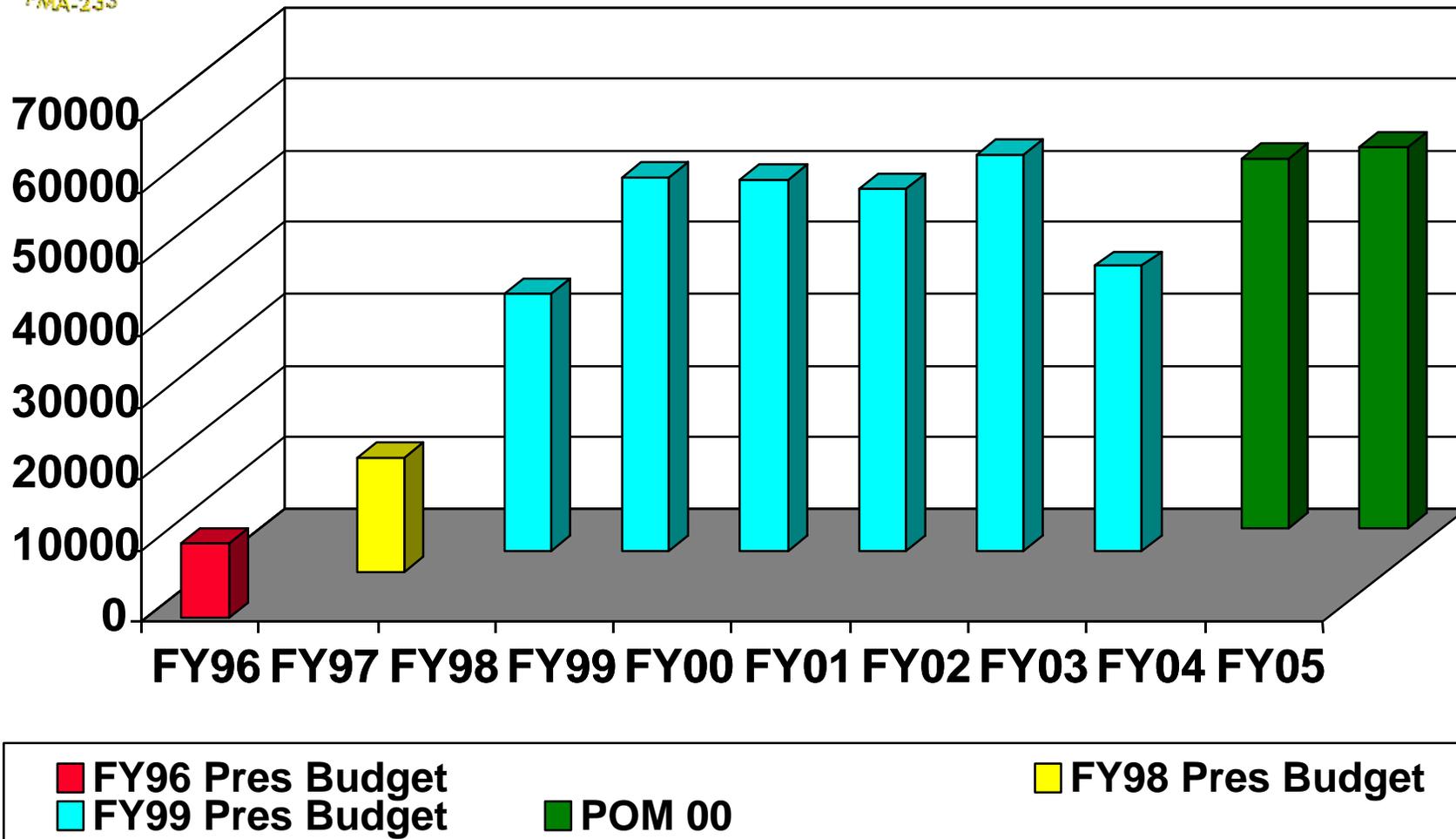
Progress in Funding



Does not include SCN or Trusted



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OAG Priorities - December 1995

- Increased Reliability and Performance
- Aircraft Performance Polynomials
- SPWM
- Common Helo MP Requirements
- Number of TAMPS Workstations
- Ability to make Realistic Training Scenarios
- Map Scanning Capabilities
- Moving Map Requirements
- Treat and Target Updates Via LAN/WAN
- Distributed/Collaborative Planning



OAG Priorities - April 1997

- Increased Reliability, Stability & Performance
- HMI/Mission Planning Functionality
- Common Helo/Assault Support MP
- SPWM/ATACS
- HW Availability/Logistics Support
- Output Flexibility
- Training
- Certified A/C fuels and Performance
- Weather, Threat & Target updates via LAN/WAN
- Force level & Distributed/Collaborative MP
- Training Scenario Support
- GPS Integration
- DBA/SA Issues



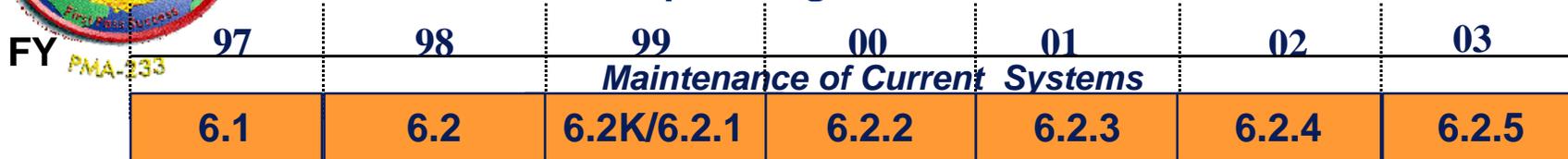
OAG Priorities - Nov 1997

- N-PFPS fielding (HW/SW) as soon as possible
- N-PFPS dataload capability
- TAMPS 6.X dataload capability
- N-PFPS flight performance modules
- Common Helo/Assault Support/KC-130 MP
- Store Planning and Weaponing (SPW)/ATACS
- Database administration/system administration
- System stability and performance
- HMI/MP functionality
- TAMPS H/W availability
- TAMPS H/W maintenance and repair
- Training
- JMPS



TAMPS 2000 Roadmap

- planning for a smooth transition -



F-18; F-14; JSOW; JDAM; SLAM; HARM; FAMP; AH-1; E-2



N-PFPS 3.0 N-PFPS 3.1 N-PFPS 4.0 N-PFPS 4.1

Performance Modules for F/A-18 and C-2 initially, additional aircraft as modules are developed.



UPC = Unique Planning Component - MPM

7.0	7.1	7.2
NEW V-22 C-130 T-45 HH-60/H CH-53 AH-1	C-2 H-46 JDAM SLAM HARM FAMP	CURRENT F/A-18 E-2 P-3 S-3 SH-60 EA-6B
		NEW AV-8B MH-53 EP-3 ES-3 E-6A



* Implementation sequence not finalized



1.0 Release Ldt Op Fielding Op Fielding



TSCM 2.1 TSCM 3.0 TSCM 4.0 TSCM 5.0

Hardware Procurement (Excluding Spares)	291	1016	1116	518	712	466
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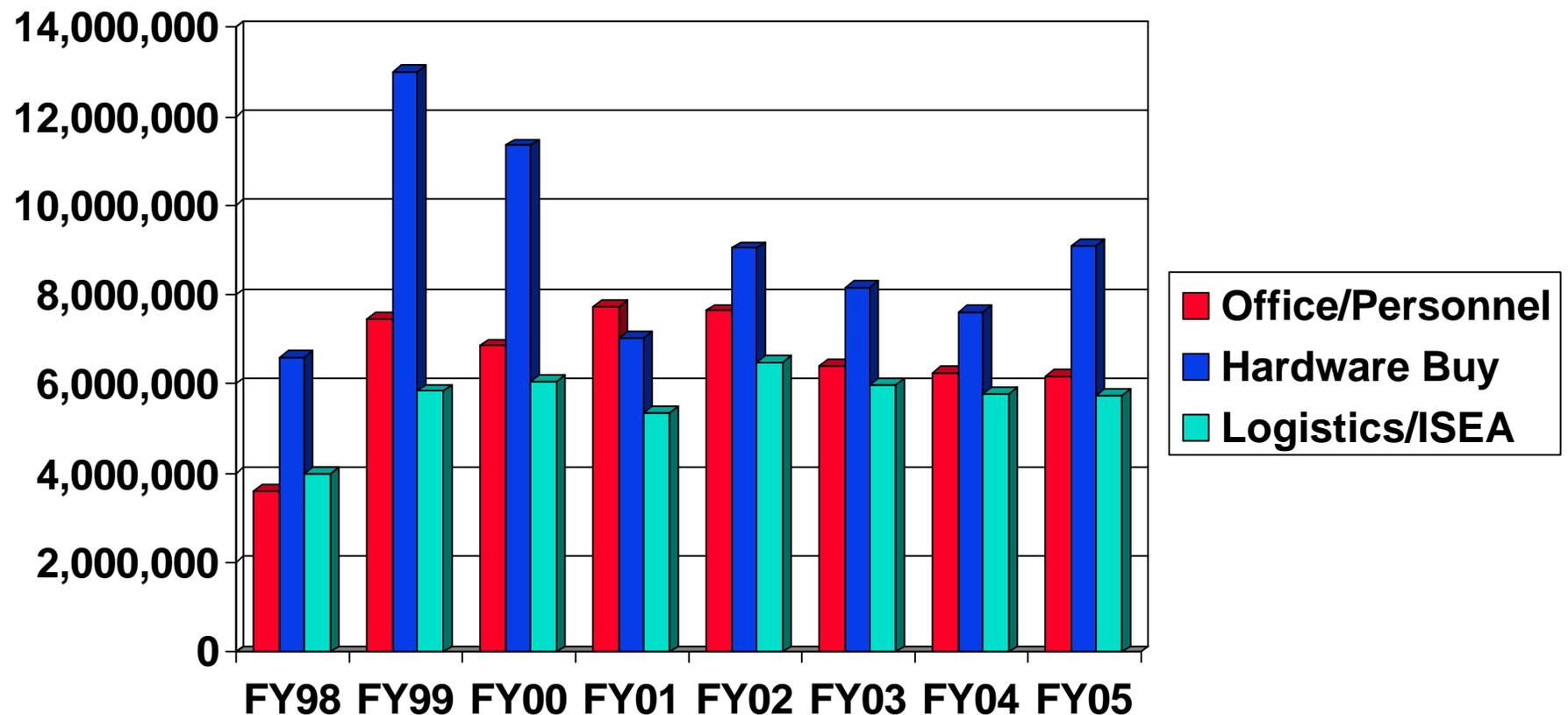


Products

- TAMPS 6.X
 - 6.1/6.1.1 - Stability Focus
 - 6.2 - Common Operational Environment Focus
 - 6.2K - Year 2000 Compliance
 - 6.2.1 - Beef-up PFPS/TAMPS connection; Accuracy
- N-PFPS - Increase in Flight Planning availability
- TSCM - Force Level Decision Aid
- ATACS - Weapons Loading & Delivery validation
- JMPS - Objective Automated Mission Planning System
- Training

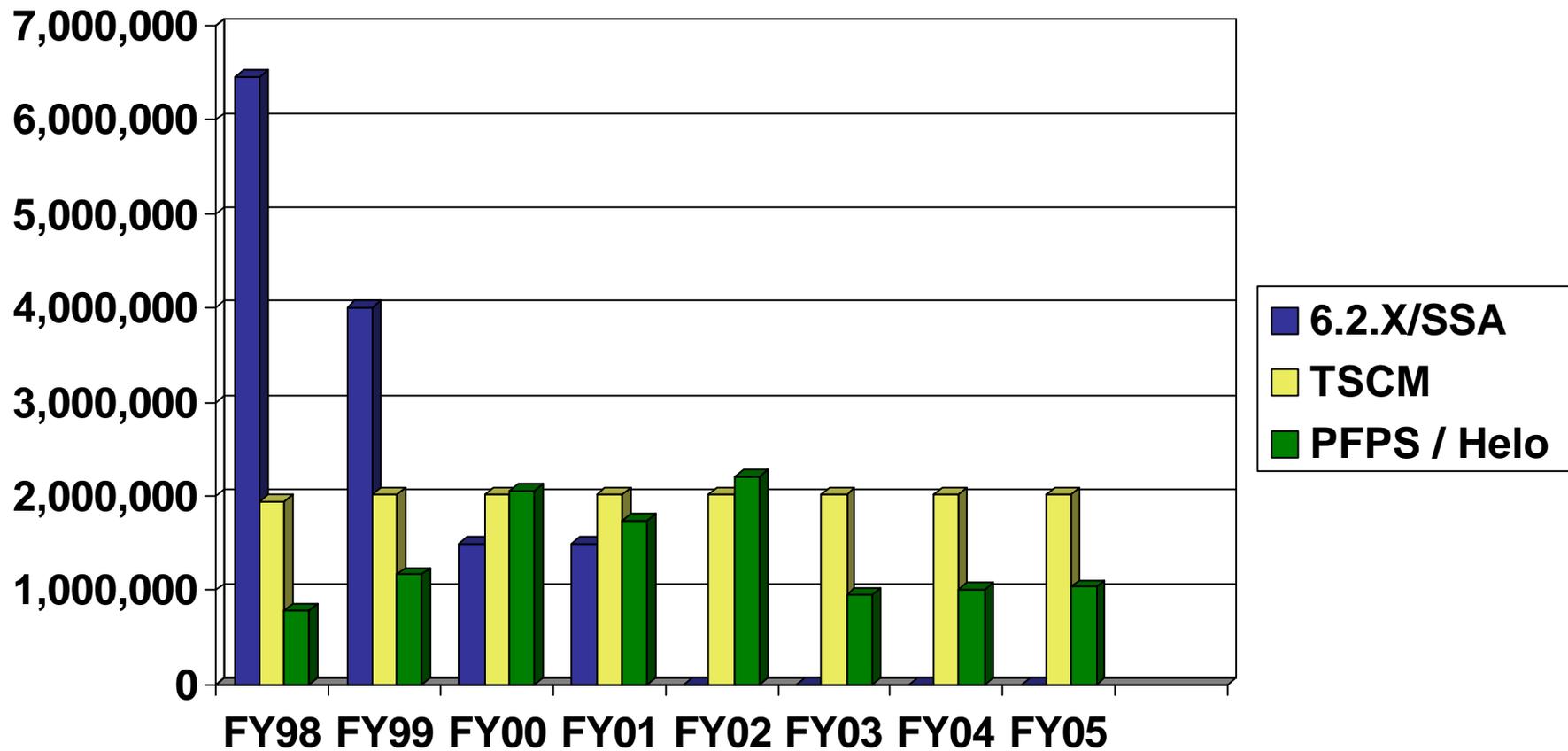


Product Support/Hardware



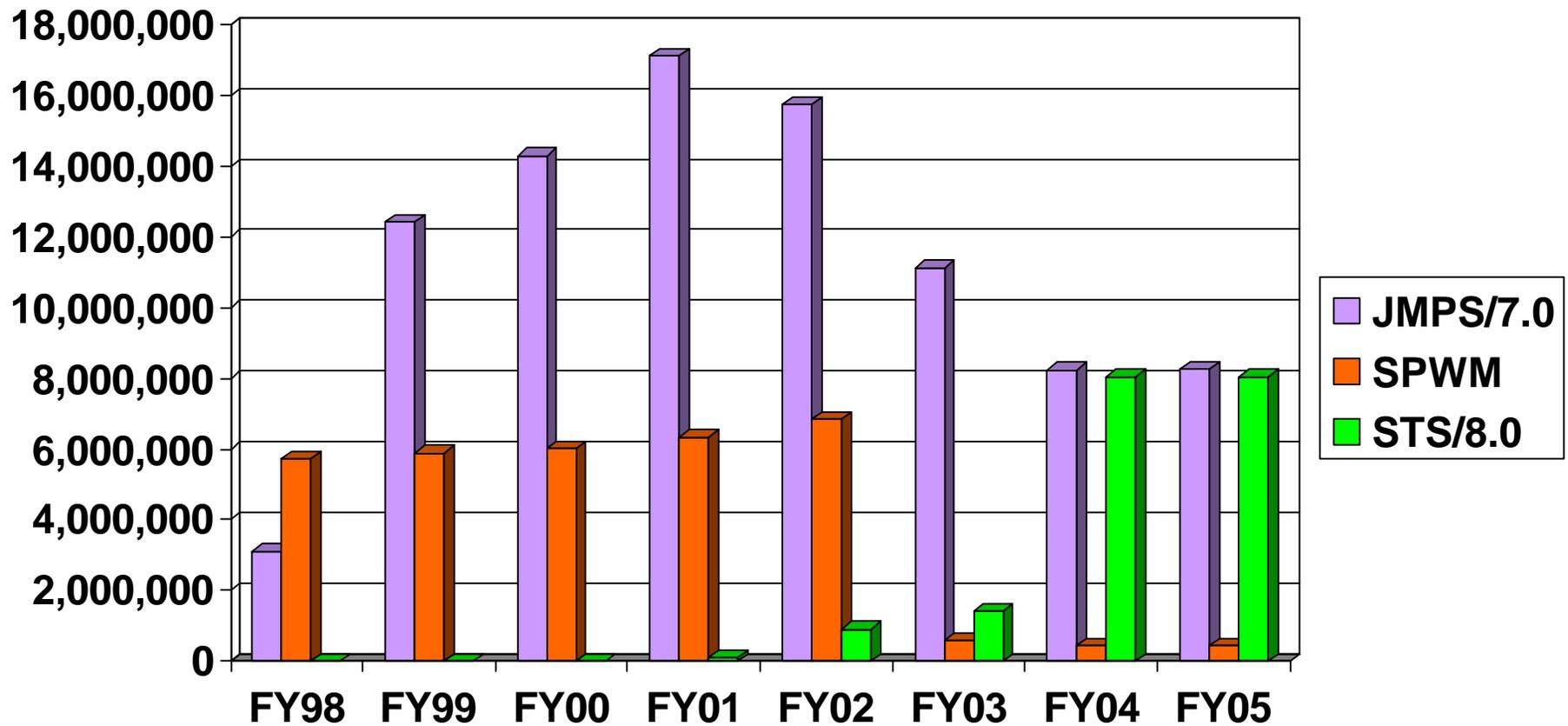


Current Products





Future Products





OAG Priorities Stoplight Chart

	6.1/6.1.1	6.2	6.2K	6.2.1	PFPS	PFPS	ATACS	JMPS	SPW	
OAG PRIORITIES	Jan-98	Sep-98	Dec-98	Oct-99	Mar-98	Mar-99	Mar-98	Jun-01	Jun-00	REMARKS
PFPS FIELDING AS SOON AS POSSIBLE										
SOFTWARE	NA	NA	NA	NA	GREEN	GREEN	NA	NA	NA	
HARDWARE	NA	NA	NA	NA	YELLOW	GREEN	NA	NA	NA	LAPTOP PROCUREMENT FUNDING
PFPS DATA LOAD CAPABILITY										
SOFTWARE	NA	NA	NA	NA	RED	GREEN	NA	NA	NA	
HARDWARE	NA	NA	NA	NA	RED	YELLOW	NA	NA	NA	MDLR PROCUREMENT FUNDING
6.X DATA LOAD CAPABILITY										
SOFTWARE	YELLOW	GREEN	GREEN	GREEN	NA	NA	NA	GREEN	NA	
HARDWARE	YELLOW	YELLOW	YELLOW	GREEN	NA	NA	NA	GREEN	NA	MDLU/DSUR PROCUREMENT FUNDING
PFPS FLIGHT PERFORMANCE MODULES	NA	NA	NA	NA	YELLOW	YELLOW	NA	GREEN	N/A	CANNOT ACCELERATE WITHIN AVAILABLE \$\$s
COMON HELO/ASSAULT SUPPORT/KC-130	NA	NA	NA	NA	YELLOW	YELLOW	NA	GREEN	N/A	
STORES PLANNING AND WEAPONERING	RED	RED	RED	RED	NA	NA	GREEN	GREEN	GREEN	SPW MOVED FROM LEGACY TO JMPS TSCM PER
DATA BASE ADMIN/SYSTEM ADMIN	RED	RED	RED	GREEN	UNK	UNK	GREEN	GREEN	GREEN	REMOTE ADMINISTRATION INITIATIVE UNFUNDED
SYSTEM STABILITY AND PERFORMANCE	YELLOW	YELLOW	GREEN							
HMI/MISSION PLANNING FUNCTIONALITY	YELLOW	YELLOW	YELLOW	GREEN	GREEN	GREEN	GREEN	GREEN	GREEN	
TAMPS HW AVAILABILITY	YELLOW	YELLOW	GREEN	GREEN	NA	NA	GREEN	GREEN	GREEN	LAPTOPS AND UNIX WORKSTATIONS
TAMPS HW Maintenance & Repair	RED	GREEN	GREEN	GREEN	NA	NA	NA	GREEN	NA	SUPPORT PLAN BEING DEVELOPED
TRAINING	RED	YELLOW	YELLOW	GREEN	NA	NA	NA	GREEN	NA	TRAINING PLAN BEING DEVELOPED
TAMPS 7.0/JMPS	NA	NA	NA	NA	NA	NA	NA	GREEN	NA	



ESC Direction - Sep 1997

- TAMPS 2000 Roadmap endorsed:
 - Maintain legacy systems in TAMPS 6.X until fielding of JMPS
 - Bridge flight planning deficiency with N-PFPS as an interim to JMPS
 - Pursue JMPS / TAMPS 7.0 IOC goal of FY-00 and threshold FY-01
 - FOC goal of FY-01 and threshold FY-02
- Continue working force level planning with TSCM 2.0 as initial baseline requirement
- Update all TAMPS documentation
- Execute H/W plan to merge with IT-21



ESC Direction - Feb 98

- Accelerate 6.2.K to ensure fielding in Dec '98
 - Rebaseline HW procurements to cover Y2K bill
- N62 to address IT21 PC fielding issues
- Migration directed toward PCMCIA cards as follow-on standard for data loaders
- Initiate bottom to top training for automated MP beginning in Training Command
- Investigate merging of MP & MR
- Continue JMPS efforts with IOC of FY'02; encourage USAF to support phase II
- Investigate PFPS in lieu of Legacy TAMPS



Summary

- During two years under new OAG format:
 - Established funding line which can do the job
 - Increased program manning to appropriate level
 - Built the business to support fleet needs
 - Increased Availability of Automated Planning
 - Expanded Product Line
- Many efforts still ongoing - soon to bear fruit
- Your TAMPS team feels we are moving in right direction to provide our customer needs
 - Your inputs remain critical
- We are poised to adjust for your needs