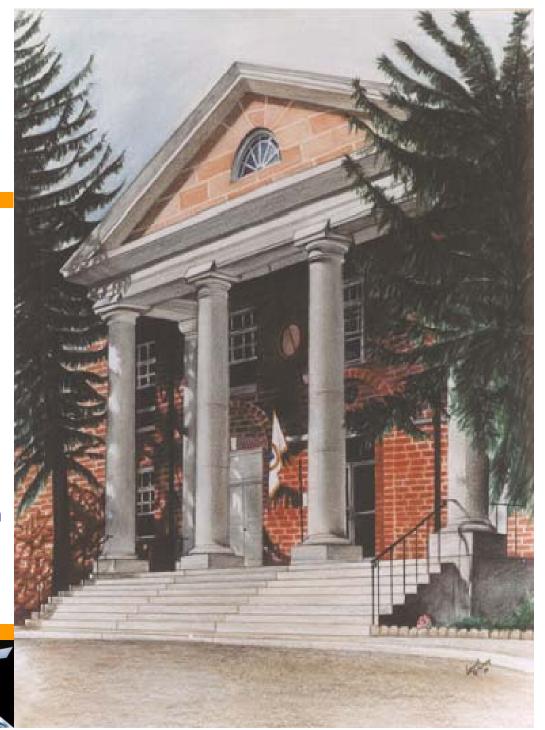


## Straight Talk: Major Program Manager Views of Defense Acquisition

Authors: Dr. Al Moseley & Dr. Roy Wood
DSMC School of Program Managers, Fort Belvoir, VA

8<sup>th</sup> Annual Acquisition Research Symposium Naval Postgraduate School 11-12 May 2011 Monterey, CA







## **Study Focus**



- Analyze results from six Program Manager (PM) Forums attended by 148 major PMs between November 2007 and November 2010
- Provide synthesis and presentation of current programmatic issues and trends





## **PM Forum History**



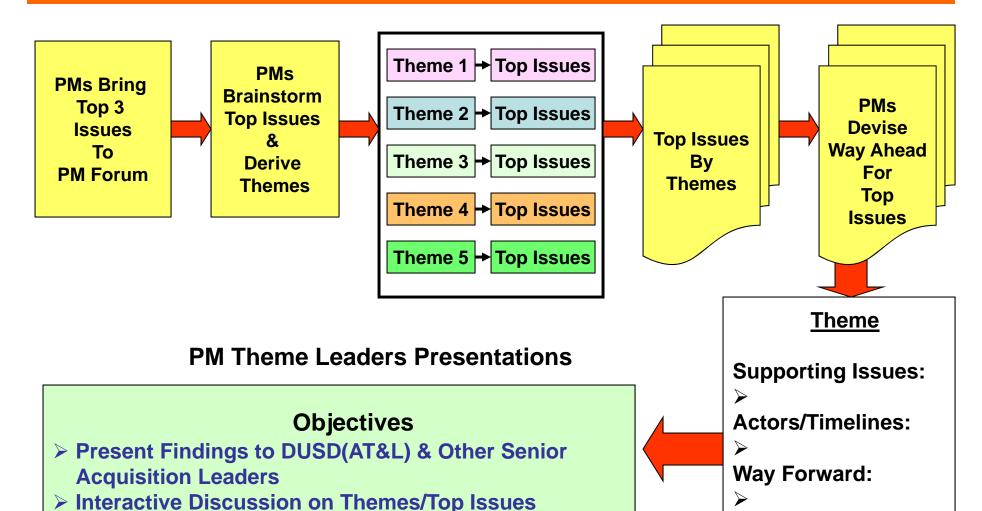
- Feb 2007 DUSD(A&T) initiated forum idea in collaboration with ACAT I PMs attending DAU executive PM course
- Central tenet -- "Straight Talk" directly from PMs
- Non-attribution environment, unvarnished opinions of what was going well & not so well in Defense acquisition
- Sep 2007 USD(AT&L) memo created first PM Forum held in conjunction with PEO/SYSCOM at Ft Belvoir, VA



## Methodology

#### **Data Collection**





**➤ Understand Perspectives of Themes/Issues** 

Commit to Action-Oriented Outcomes

Max 6 Slides (1 chart per theme)



## Methodology (Cont'd)

#### **Data Collection**



#### **Table 1 Number of PMs Attending Forum by Acquisition Defense Agency**

Acquisition Agencies	Nov	Apr	Nov	May	Nov	Nov
	2007	2008	2008	2009	2009	2010
BTA	1	2	0	2	0	0
DISA	3	4	3	3	1	2
DLA	0	0	2	0	0	0
MDA	2	3	2	2	1	0
NGA	1	1	0	1	1	1
NSA	0	1	0	0	2	1
USAF	8	6	3	5	4	3
USA	9	3	7	3	4	6
USN	5	4	5	4	5	6
USMC	1	1	1	1	1	2
USSOCOM	2	0	3	1	1	0
USTRANSCOM	0	0	2	0	0	0
Total	32	25	28	22	20	21

Source: Moseley, A. (2010). *PM Forum Outbriefs, November 2007 – November 2010*. Ft. Belvoir, VA: Defense Acquisition University.



## **Results**



#### **Table 2 Summary of Major Themes from the Six PM Forums**

8 Nov 07 35 PMs Attended	3 Apr 08 25 PMs Attended	6 Nov 08 26 PMs Attended	28 May 09 24 PMs Attended	5 Nov 09 20 PMs Attended	4 Nov 10 21 PMs Attended
OSD Policy & Staff	Funding Stability	Qualified/Experienced Acquisition Workforce	IT Acquisition & Implementation	Manpower Skills & Knowledge Shortage	Requirements/Testing
Requirements	People, Staffing & Skills	Funding & Contracting	Oversight & Excessive Documentation	Funding Instability & Minimal Reprogramming Authority (Reduces PM Flexibility & Management Control & Causes Frequent Program Restructures)	IT & Software- Intensive Systems
Program Management Resources	Speed of Acquisition	Controlling Requirements	Policy	Requirements Instability, Growth & Inadequate Definition Drive Cost & Schedule Execution Issues	Contracting: Process— Management— Procurement Timeline
Resources Personnel	Integration, Interoperability & Interdependency	Inconsistent Policy & Oversight	Staffing & Personnel	Policy Unclear, Inconsistent, & Burdensome	Funding Flexibility & Workforce Experience
Lack of End-to-End System of Systems Engineering Process	Industrial Base		Requirements & Funding	Focus of <b>OSD Staff</b> Misplaced	Leadership Intent: Disconnected Implementation
Testing	Oversight/ Governance			Issues with Contracting & Industrial Base	
Industry	Requirements				

Source: Moseley, A. (2010). PM Forum Outbriefs, November 2007 - November 2010. Ft. Belvoir, VA: Defense Acquisition University.



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Note: Consistent themes highlighted in RED ... each of the major themes shown has supporting sub-issues ... the themes above represent the views of 148 major PMs over a 3-year period (Nov 2007-Nov 2010)



## **Trends**



#### **Table 9 Comparative Analysis of the Repetition of Major Themes in PM Forums**

Major Themes	Nov 2007	Apr 2008	Nov 2008	May 2009	Nov 2009	Nov 2010
Program Management Resources	X	Х	Х	X	X	X
Policy/Oversight	Χ	X	Χ	Х	Χ	X
Requirements	X	X	Χ	X	X	X
Acquisition Workforce	Х	Х	X	Χ	Χ	Χ
Contracting Process			X		X	X
Industrial Base	X	X			Х	
IT Acquisition				X		X
Testing	X					Χ

Source: Moseley, A. (2010). PM Forum Outbriefs, November 2007 – November 2010. Ft. Belvoir, VA: Defense Acquisition University. 8



## Mitigation Strategies



## There is no direct evidence that PM Forum discussions led to changes in acquisition system....

- Workforce initiatives (i.e., Defense Acquisition Workforce Development Fund)
- Congressionally mandated Requirements Management training
- Configuration Steering Boards (help control requirements creep)
- USD(AT&L) efficiency initiatives (one of aims: reducing oversight burden & expensive acquisition documentation)

**Unpredictable funding – remains unanswered!** 



## What's Next?



## PM Forum scheduled 1-2 June 2011, Ft Belvoir, VA





# Back Up



## **Approach**



(Nov 2010 PM Forum)

- Twenty one major PMs
  - □ 7 USN; 1 USMC; 3 USAF; 6 USA; 2 DISA; 1 NGA; 1 NSA
- ☐ Each PM was solicited for top 3 PM programmatic issues
- PMs brainstormed top issues and aligned them into major themes:
  - 1. Requirements/Testing
  - 2. IT & Software-Intensive Systems
  - 3. Contracting: Process—Management—Procurement Timeline

  - Funding Flexibility & Workforce Experience
     Leadership Intent: Disconnected Implementation
- PMs identified major problems within each theme
- PM outbrief succinctly captures "supporting issues," "action offices" involved in working/resolving issues, the "timeline" for issue resolution, and the recommended "way forward"



# Strategic Value Linkage to Actions



- 1. Increased workforce productivity
- 2. Reduced cycle time
- 3. Increased program office efficiency
- 4. Reduced cost of doing business
- 5. Increased team productivity



#### **Team 1:** Requirements/Testing



#### **Supporting Issues**

- ☐ Issue 1: Changes to 100% compliance mandates drive cost in long-term programs
  - e.g. IA, Environmental
- ☐ Issue 2: OT expectations exceed program requirements
  - □ ACAT III/Non-ACAT "below the radar"

#### **Actors / Timeline**

- Issue 1: Policy owners, CAPE, PEO/PM
- Issue 2: USD (AT&L), J8, CAPE, DOT&E

#### **Way Forward**

- ☐ For Issue 1 (SV: 4)
  - □WI: Greater trade space on "mandatory" compliance
  - ☐ AI: ICE needs to include greater allowance for cost growth for IA, Environmental, etc
- ☐ For Issue 2 (SV: 3, 4)
  - □SA: Appeasement of DOT&E to protect high priority systems results in Special Program of Interest inefficiencies (death of 1000 cuts)
  - □ AI: USD (AT&L) review sample of programs to maximize efficiencies



#### **Team 2:** IT Acquisition Policy



#### **Supporting Issues**

- ☐ (S1) Weapons System Acquisition Policy inappropriately applied to IT Programs (Business IT, NDI's, SW Intensive "warfighting" capabilities)
  - □TRA, AoA
- ☐ (S2) Dynamic & Inconsistent application of MAIS Governance
- □ (S3) Lack of Reciprocity for DIACAP certification

#### **Actors / Timeline**

- □ AI1 NII??/DCMO --- Now
- □AI2 AT&L & DCMO... 2QFY11
- □ AI3 OSD CIO ... 2QFY11

#### **Way Forward**

- □ AI1− Include MAIS PMs in the IT Policy development team (Business IT and NSS)
- □ Al2 Establish interim guidance during restructuring
- □ Al3 Establish reciprocity policy
- **□**Benefits:
  - □ SV2: Reduced acq lead times
  - □ SV3/4: Reduced resources (hours and \$) consumed in approval/ oversight process
  - □ SV2: Solutions in warfighters' hands earlier



## **Team 3 rev:** Contracting: Process—Management—Procurement Timeline



#### **Supporting Issues**

- □ DCAA Audit process overly conservative/risk adverse
- □ Double Standard: Ktr–30-45 days; Govt 6-18 mos
- Inexperienced contracting workforce
- Contracting process exacerbates funds mgmt issues
- Process over Product: OSD & Services overlap
- ☐ Certification to CICA/TINA & certified cost & pricing data/EVMS actions are redundant and overly burdensome for lower value contracts

#### **Actors / Timeline**

- □ PCOs/Buyers (Training): 1-2 years
- DPAP/DCAA/DCMA (Audits): 6 mos 1 year
- ■AT&L/SAEs/DPAP (Policy on PCO-PM relationship)

   6 mos

**Need the 80% Solution for Contracting!** 

#### **Way Forward**

- ☐ SA: FARs, DFARs, AFFARs, AFFAR Sup, ARFARS, OSD Policy, Service Policy, Command Policies, Functional Policy...too much regulation?
  - Protests have made us risk averse
  - Workforce: Doesn't have bandwidth and experience/judgment to tailor the process
  - ☐ Approval levels too high: dollar thresholds too low
- □ AI Review DCAA audit processes (DPAP) to allow less than 100% perfection in audits
  - □ Look to raise Audit thresholds
- ☐ WI: PCOs & Buyers need to partner w/ PM/Technical team to ensure Govt is a smart buyer – PK team generally not experts in the domain ("too much independence" today)
- ☐ AI: PCOs need to take PM training and vice versa—case based vs. "how-to" / checklist
- □ AI: Ensure PCOs accountable to the PM while still fulfilling responsibilities (OPCON vs. ADCON)

SV: 2, 3, 4 +



#### **Team 4:** Funding Flexibility



#### **Supporting Issues**

- ☐ Fiscal policy (colors, time limits) promote inefficiency
  - Hampers integration; especially software
  - ☐ Hampers competition; "give it all to the prime to obligate it"
  - Emphasis on meeting benchmarks drives non-optimal behaviors
  - CRA degrades ability to execute

#### **Actors / Timeline**

- OASD(ATL) 1 year
- USD (Comptroller) 1 year

#### **Way Forward**

- □ AI DoD level panel to analyze and recommend Financial Mgt Regulation (FMR) transformation to modern cost based accounting system
- □ AI DoD recommendations to empower a "person" to make FMR exceptions; eliminate "follow the process when we know something does not make sense mentality"
- ☐ Factor Continuing Resolution into benchmarks; automatic carry-over of funds authorized by FMR (fence the money to provide stability)

SV: 1,2,3,4,5



#### **Team 4:** Workforce Experience



#### **Supporting Issues**

- Matrix organization not effectively growing future workforce
- □ Limited government experience for BusinessIT, agile IT
- Lack of dedicated PMO workforce (PCO & Legal) impedes execution
- DAU training emphasizes policy compliance, not mission accomplishment (cost, schedule)

#### **Actors / Timeline**

- OSD(AT&L)—1 year
- SAEs—1 year
- DAU—3 years

#### **Way Forward**

- Identify workforce constraints by discipline
- ☐ Continue in-sourcing with greater flexibility for constructive ACQ certification credit
- □IT Project Management is perishable skill that must be a career field of it's own (APM "Little Green Generator" should not become PM "Enterprise Info Systems")
- □ Policy driving dedicated workforce for ACAT I programs
- Empower people (KOs) over process; reduce reviews

SV: 1,2,3,4,5



## Team 5: Leadership Intent: Disconnected Implementation



#### **Supporting Issues**

- ☐ Guidance lacks clarity and completeness (leadership intent)
- ☐ Communication Breakdown yields multiple interpretations
  - External stakeholder undue influence
- Tailoring not used effectively
- Too much "Oversight" is non value added
  - ☐ Lack of accountability Measures of Success (MOS)

#### **Actors / Timeline**

- DAE and OSD staffs--now
- SAE's and Service staffs--now

#### **Way Forward**

- □ Re enforce programmatic leadership chain of responsibility
  - ☐ Clarity of intent
  - Enable PMs to execute
- Assess alignment of organization and ensure process supports intent and execution
- ☐ Revise DoD 5000.2 to incorporate gates, tailoring criteria, and feedback mechanisms
- OSD and Service staffs define MOS to align DAE/SAE intent with results
  - Evaluate MOS and associated processes prior to gate reviews
  - ☐ Tailor out non-value added process steps at gate reviews

SV: 2, 3, 4