



# MIL-STD 881C Update – Plan Forward

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# Outline

- Overall Expectations
- Update to Incorporate Changes for DOD Acquisition Policy and Guidance
- Add/Improve Definition of the WBS and Adding Additional appendices and definitions
- Clarify How WBS can be used with Specific Terms and Processes
- Evaluate how WBS is characterized as an acquisition tool and Focus on Importance of WBS
- Updated Understanding of WBS Integration with Acquisition Documents
- Ensure Coordination for update of MIL-STD 881C to 881D
- Summary

# Overall Expectations

- Update MIL-STD 881C to reflect latest changes
  - *Policy*
  - *Technology*
  - *New Structure(s)*
  - *Processes*
- Ensure Government/Industry participation
  - *Government makes recommendations*
  - *Industry accepts/modifies recommendation*
  - *Consider relevant functional areas (PM, SE, EVM, CA)*
- Deliver by March 2017

# Update to Incorporate Changes for DOD Acquisition Policy and Guidance

- Use latest version of DoDI 5000.02
  - *Acquisition Life Cycle changes – type of work*
  - *Better Buying Power initiatives*
  - *Maximum latitude to tailor*
  - *Models are a start point*
  - *Continuous process improvement*
- Consistent with Defense Acquisition Guidebook
  - *Program Management (includes IPM, EVM, Risk, etc.)*
  - *Systems Engineering (Requirements, Processes, etc.)*
  - *Cost Estimating*
  - *Contracting*
- Other pertinent documentation
  - *Agile vs Waterfall vs Evolutionary Development*
  - *Systems of Systems*
  - *Family of Systems*

# Add/Improve Definition of the WBS and Adding Additional Appendices and Definitions

## ■ Improve Definitions

- *Aircraft - ensure Rotary aircraft properly represented*
- *Missile/Ordnance – potential merger of appendices*
- *Sea Systems – definition clarification*
- *Space Systems – Ground Systems better defined*
- *Surface Vehicle – definition clarification (Production)*
- *Unmanned Maritime System – improved definition*
- *Automated Information System – improved definition and add O&S definitions*

## Add/Improve Definition of the WBS and Adding Additional Appendices and Definitions (Cont'd)

- Add Definitions/Appendices (AFCAA CEM)
  - *Aircraft*
  - *C4I*
  - *Engines*
  - *AIS*
  - *Avionics*
  - *Electronic Warfare*
- Other definitions as required
  - *Cybersecurity*
  - *Production WBS Differences*
  - *Managing Work vs. Developing Systems*
  - *Agile*
  - *WBS Numbering*
  - *Adding MIL STD WBS element definitions*

# Evaluate How WBS is characterized as an Acquisition Tool and Updated Understanding of WBS Integration with Acquisition Documents

- Implementation with new/revised DoD/Service Acquisition Documents
  - *DODI 5000.02*
  - *Defense Acquisition Guide (update)*
  - *Integrated Program Management Review*
  - *IMS/IMP*
  - *CSDR/EVM Co-Plan*
  - *CSDR/SRDR*
  - *SEP*
  - *CDRLs*

# Other Areas of Consideration

- Construction (housing, buildings, etc.)
- Services
- O&S Guide Merger
- Level of WBS reporting
  - *EVM vs. CSDR*



# Planned Schedule

	Month	1	2	3	4	5	6	7	8	9
		Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan
1 Update to Incorporate Changes for DOD Acquisition Policy and Guidance		X					X	X		
2 Add/Improve Definition of the WBS and Adding Additional appendices and definitions			X	X	X					
3 Clarify How WBS can be used with Specific Terms and Processes			X			X				
4 Evaluate how WBS is characterized as an acquisition tool and Focus on Importance of WBS					X	X				
5 Updated Understanding of WBS Integration with Acquisition Documents						X				
6 Ensure Industry Participation		X								
7 Ensure Coordination for update of MIL-STD 881C to 881D		X		X	X	X	X	X	X	X

# Summary

- Nine month schedule to complete
  - *Tight - Dependent of people, timeliness of response, additional requirements, etc.*
  - *45-60 day Industry/Government review period (DOD Standardization process)*
  - *Deliverable – electronically and hard copy*
- Keep Government/Industry involved
  - *Government – SE, PM, DPAP, CAPE, PARCA, Armed Services*
  - *Industry – NDIA, JSCC, NCMA, CPM, AIA, others*
- Ensure final documentation fully coordinated

# We Need You!

- Want to participate?
- Sign up now – Give Me:
  - *Name*
  - *Company*
  - *Email*
  - *Phone Number*
  - *Identify specific Appendix(es) to support (ie, Ships, Space, Electronics, UAV, Aircraft, Ground Vehicles, etc.)*
- Working groups generally virtual