MIL-STD 881C Implementation
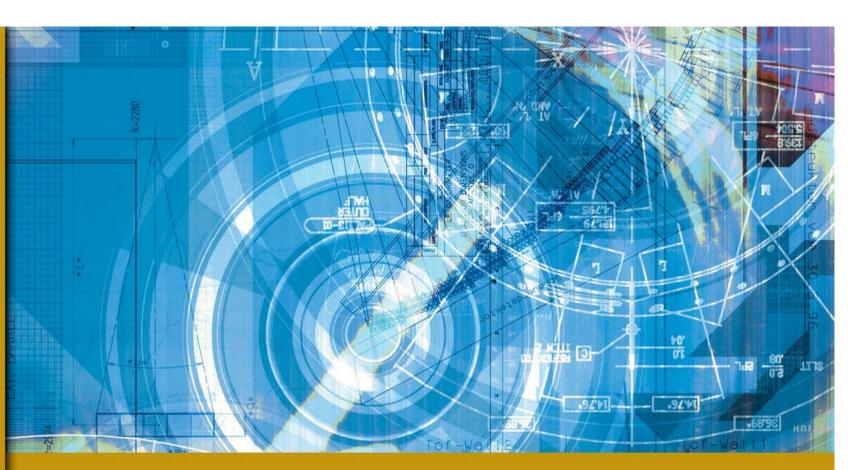# NDIA PMSC

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- *Update initiated in October 2008 with requirement to:*
  - Update to Incorporate Changes to reflect DoD Acquisition Policy and Guidance (DODI 5000.02)
  - Add/Improve upon WBS Definitions
  - Clarify How WBS can be used with Newer Terms and Processes
  - Ensure the WBS is characterized as an Acquisition tool
  - WBS to support budget, cost, schedule, technical, contractual and performance management
  - Ensure Industry Participation
- *Results*
  - Government and Industry worked together to ensure common definitions and application
  - Software and the ability to capture new technology incorporated into all appendices
  - Reporting levels addressed by program/contract
  - Coordinated efforts with OSD CAPE, AT&L/DDR&E
  - Provided flexibility to address items outside WBS definitions
  - Official coordination is being conducted per DoD Standardization Office

Appendices

- Aircraft Systems
- Electronic Systems including embedded SW
- Missile Systems
- Ordnance Systems
- Sea Systems
- Space Systems
- Surface Vehicle Systems
- Unmanned Aircraft Systems
- Unmanned Maritime Systems (new appendix)
- Launch Vehicles (new appendix)
- Automated Information Systems (new appendix)
- Common Elements including unique Commodity Common Elements (new addition to appendix)

- *Most appendices have been restructured to account for technology changes and integration changes*
- *Most appendices have been defined to level 4 or 5 of the WBS vs. level 3*
  - Reporting level will be determined based on a contract to contract basis – could be 3, 4, or 5
  - CSDR reporting vs. CPR reporting level can be different but needs to be consistent at the level reported (i.e., level 4 of the CPR should be the same as level 4 on the CSDR)
  - If elements are considered high cost, high risk, or high technology in nature reporting will go to that level <u>for those items only</u>
- *Added "other" elements to account for changes in configuration or new technology that is not defined within the MIL-STD at lowest level*
- *Eliminated Application and System Software – only Software due to how software is developed*
- *Changed definitions for embedded Software in Appendix B*
- *Added discussion of WBS use with family of systems (i.e., take into consideration of common vs. unique WBS elements)*
- *Added common elements for sustainment activities – Interim Contractor Support or Contractor Logistics support (Track to CCDR 1921-4)*
- *Expanded discussion on development of WBS to include:*
  - Prime/Sub relationship
  - Elements to include vs. not include
- *Added pre-acquisition framework discussion*
- *Updated Common elements*
- *Added unique Common commodity areas (Space, Launch Vehicles, AIS)*

- 708 comments were received including "Other Interest and Industry Reviewers"
  - 166 Comments from Industry
  - 542 Comments from Government
  - All comments were reviewed
- 256 comments were marked "essential" and have been resolved
  - 294 Comments were marked "essential in the database however 38 comments were duplicates
  - Per DoD 4120.24-M "Only the LSAs, the Custodians, the Review Activities, the DepSOs and the OSD may make "Essential" comments."
  - 161 comments marked "essential" were received from these organizations
  - For a comment to be essential, it must be of such an important technical nature that its acceptance is necessary to meet the mission needs of a Military Department or a Defense Agency

Implementation Requirements

- *Mandatory procedures that apply to programs subject to DoD acquisition policy (DoDI 5000.02) and the suppliers that support those programs*
  - Mandatory for ACAT IC, ID – Major Defense Acquisition Programs (MDAP)
  - Mandatory for ACAT IA – Major Automated Information System (MAIS)
  - Highly recommended for ACAT II
  - Not required for ACAT III
- *Must be implemented on all new contracts*
  - Not required to change ongoing contracts to new structure
  - Should be implemented on new contract of current system
- *Required for all major weapon systems – including ships*

- *Finalizing resolutions*
  - Contacting POCs with resolution different than requested
  - Evaluating potential changes to DoDI 5000.02
  - Rewriting Policy Section to meet Joint Chiefs elimination of the JCIDS process
- *Drafted Letter for Release*
- *MIL-STD-881C will be on ASSIST database*
- *Planned dates*
  - Final resolution completion – 15 May 2011
  - Release of Standard – 30 May 2011