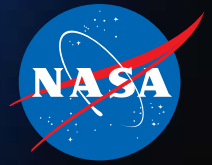


National Aeronautics and Space Administration



NASA

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Status of EVM at NASA

Agency Level:

- Increased emphasis and importance placed on EVM from NASA executive management. Recent follow-on EVM Requirement clarification and guidance issued to all Centers from the NASA Associate Administrator:

“Provide descriptions of the following or reference specific section(s) in a Center document:

- 1. The Center’s validated Earned Value Management System (EVMS) [or, if none] the Center’s plan for completing and validating an EVMS.***
- 2. If the Center does not have a validated EVMS, the methods used to apply EVM principles to project management.***
- 3. Process for applying EVM requirements to contractors in Request for Proposals (RFP’s) and contracts.”***

***Agency Chief Engineer directed to begin in Spring 2008 surveying Center progress in complying with the above direction.**

Status of EVM at NASA (cont'd)

Agency Level (cont'd.):

- **Agency EVM Working Group to meet in April at the Marshall Space Flight Center to determine approach options for accomplishing Center EVMS validations.**
 - Internal (self review) / 3rd Party / DCMA / Combination
- **“wInsight” EVM data analysis & reporting tool is available Agency-wide to support all NASA projects. Allows for consolidation of both in-house and contractor data for a total project performance perspective at any level of detail.**
- **New Agency training initiative, “CFO University”, aimed at improving knowledge & skills of Business and Resource Mgrs. Provides improved EVM curriculum.**
- **Established a new Management/Business System Integration Group to identify process gaps and recommend specific improvements to Agency systems & processes to better serve the NASA project management and business communities.**

Status of EVM at NASA (cont'd)

Program Level:

- **Constellation Program POC established for EVM implementation activity**
- **Constellation Program issued an EVM System description to provide guidance for implementation of EVM on all Constellation projects that have a total project life cycle cost greater than \$20M (for both in-house and contracted effort).**
- **Numerous Integrated Baseline Reviews (IBR's) have been planned over the next several months with some having already been completed.**

Status of EVM at NASA (cont'd)

Challenges and Issues for In-House EVM:

- **Support service contract cost data is often not reported in a manner that can be allocated back to project products by WBS.**
- **Projects do not always establish their control account elements within the accounting system at a low enough level to provide meaningful and useful performance data.**
- **Modification of NASA accounting system to provide the capability for collecting actual costs at lower WBS levels (currently limited to seven levels).**
- **Changing the management culture to be more receptive and knowledgeable of EVM processes and benefits.**