

**Production EVM
Working Group Outbrief
May 2011 PMSC**

Possible Issues Encountered with EVM in Production

Development

- Actuals typically managed at WP or CA level
- IMS contains all major schedule events
- Engineering CAMs
 - Responsible for planning and accomplishing the work
- Limited issues with material, most pertain to subcontractors
- Typically prefer short WP durations and limit changes to WPs in progress
- Generally, personnel involved understand EVM

Production

- Actuals (labor hours/PO's) often managed lower than WP
- IMS may not have all parts or other MRP controlled items
- Mfg CAMs
 - Might not be directly responsible for planning or accomplishing work
- Significant material issues, including loans or transfers
- WPs are often longer in duration and changes to open WPs may be required
- Manufacturing or material personnel not always educated on EVM

Production EVM Working Group Charter

Charter

Analyze EVM practices and processes on production contracts and provide a common understanding of terminology, processes and earned value application used in a production environment

Planned Output

- **Documenting production EVM issues, typical company practices, difference in production process versus typical development program process (and/or outputs), and perceived expectations of production EVM process**
- **Consolidate individual issue documentation into a white paper summarizing production EVM issues**

Activities Since Last PMSC



Earned Value Management in a Production Environment

TBD XX, 2011

● White paper progressing

- Executive summary, background and introduction sections written
- 2 of 11 detailed topics written
- Draft being reviewed and comments incorporated as sections are completed



Next Steps

Status at Feb 11 PMSC

- Complete Sub group documentation efforts
- Complete Summary/main body of white paper (about 5% complete)
- Circulate white paper to all WG participants and then to PMSC (had not been sent out at this time)
- Target final product in mid-2011 to be made available to PMSC membership for final review and comment

Status at May 11 PMSC

- Sub group documentation efforts mostly complete
- Complete Summary/main body of white paper (about 33% complete)
- Circulate white paper to all WG participants and then to PMSC (updated version circulated 3 times)
- Target final product in mid-2011 (July??) to be made available to PMSC membership for final review and comment