EVMS Training Snippet Library:

Schedule Guidance and Resources

Office of Acquisition and Project Management (OAPM) MA-60
U. S. Department of Energy
July 2014

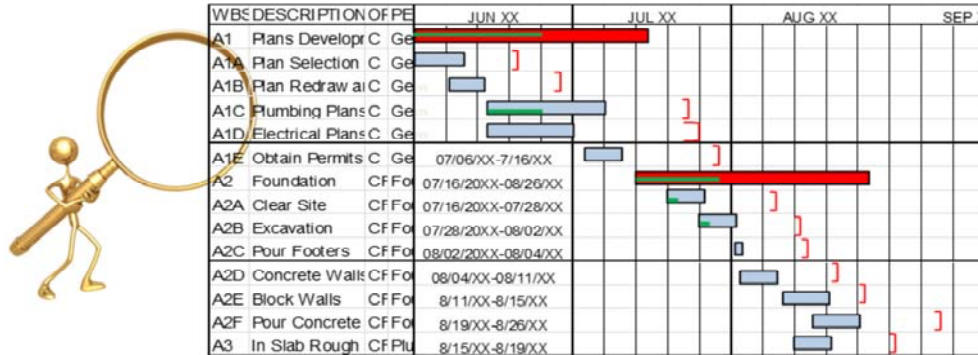Achieving Management and Operational Excellence

This EVMS Training Snippet, sponsored by the Office of Acquisition and Project Management (OAPM) provides information on where to find more information about Scheduling.

Schedule Guidance Resources

- **Scheduling is a specialized field for a reason; it is complex and requires training and experience**
- **The purpose of the snippet is to provide experienced users with resources available**

WBS	DESCRIPTION OF PE		JUN XX	JUL XX	AUG XX	SEP X
A1	Plans Developr	C Ge				
A1A	Plan Selection	C Ge				
A1B	Plan Redraw ar	C Ge				
A1C	Plumbing Plans	C Ge				
A1D	Electrical Plans	C Ge				
A1E	Obtain Permits	C Ge	07/06/XX-7/16/XX			
A2	Foundation	CF Fo	07/16/20XX-08/26/XX			
A2A	Clear Site	CF Fo	07/16/20XX-07/28/XX			
A2B	Excavation	CF Fo	07/28/20XX-08/02/XX			
A2C	Pour Footers	CF Fo	08/02/20XX-08/04/XX			
A2D	Concrete Walls	CF Fo	08/04/XX-08/11/XX			
A2E	Block Walls	CF Fo	8/11/XX-8/15/XX			
A2F	Pour Concrete	CF Fo	8/19/XX-8/26/XX			
A3	In Slab Rough	CF Plu	8/15/XX-8/19/XX			

Scheduling is a specialized field; it is complex and requires training and experience. The purpose of this snippet is to provide experienced users with some of the resources available that contain scheduling guidance.

Planning & Scheduling Excellence Guide (PASEG)

- **Published by**: National Defense Industrial Association (NDIA) Procurement Division – Integrated Program Management Division (IPMD)
- **Type:** Reference guide
- **Purpose:** Government and industry program stakeholders should use the PASEG to assist with the creation, maintenance, analysis, and management of Integrated Master Schedules to support compliance with the ANSI/EIA-748 Guidelines
- **Website:** http://www.ndia.org/Divisions/Divisions/IPMD/Pages/Documents.aspx

The National Defense Industrial Association (NDIA) Integrated Program Management Division (IPMD) has developed the Planning & Scheduling Excellence Guide (PASEG). The PASEG was developed to further explain the intent of Guideline 6. It explains using common scheduling terms, how to create an IMS consistent with the ANSI/EIA-748 requirements. It is also consistent with the IPMR DID.

GAO Schedule Assessment Guide

- **Published by**: U.S. Government Accountability Office, GAO-12-12OG
- **Type:** Best Practices Guide
- **Purpose:** The GAO Schedule Assessment Guide is intended to expand on the scheduling concepts introduced in the GAO Cost Estimating and Assessment Guide by providing ten best practices to help managers and auditors ensure that the program schedule is reliable. The reliability of the schedule determines the credibility of the program's forecasted dates for decision making.
- **Website:** http://www.gao.gov/assets/600/591240.pdf

The GAO Schedule Assessment Guide is intended to expand on the scheduling concepts introduced in the GAO Cost Estimating and Assessment Guide by providing ten best practices to help managers and auditors ensure that the program schedule is reliable. The reliability of the schedule determines the credibility of the program's forecasted dates, and other elements, and in turn, for making project decisions. The GAO Schedule Assessment Guide should be used as a primary reference when GAO issues it as final following resolution of public comments.

EVMS & Project Analysis Standard Operation Procedure (EPASOP)

- **Published by**: U.S. Department of Energy, Office of Acquisition and Project Management
- **Type:** Standard Operating Procedure
- **Purpose:** Primary reference for OAPM when conducting project-level data analysis to support Monthly Project Assessments and other assessment needs. Refers to several PARS II reports and provides instruction on interpretation of data to support project performance and predictive analysis and identify concerns with the contractor's EVMS.
- **Website:** http://energy.gov/management/office-management/operational-management/project-management/earned-value-management

The DOE OAPM EVMS and Project Analysis Standard Operating Procedure (EPASOP) is a primary reference for OAPM when conducting project-level data analysis to support Monthly Project Assessments and other assessment needs. The SOP covers the analysis reports contained in the Project Assessment and Reporting System (PARS II), and provides instruction on interpretation of data to gain insight into the health of the contractor's EVMS as well as to project performance and predictive analysis. The results of the analysis and output from the tools support Monthly Project Assessments, EVMS certification and surveillance, and any other project assessments where EVMS is contractually required.

Additional DOE Snippet Schedule Information

- Snippet 3.1A   IMS Initial Baseline Review
- Snippet 3.1B   IMS Monthly Review
- Snippet 3.2   Schedule Health Metrics
- Snippet 5.3   PARSII Analysis: Schedule Health Assessment Reports

For additional DOE Snippet schedule information, please refer to other Snippets in Group 3.

- Snippet 3.1A – IMS Initial Baseline Review
- Snippet 3.1B – IMS Monthly Review
- Snippet 3.2 – Schedule Health Metrics
- Snippet 5.3 – PARSII Analysis: Schedule Health Assessment Reports

Summary

- Scheduling is a complex process and an integral component of an integrated earned value management system

- Schedules are a common area of compliance issues

- The references/guidance provided are not intended to substitute for training project personnel responsible for development and maintenance of integrated master schedules

Scheduling is a complex process and an integral component of an integrated earned value management system. Schedules are a common area with compliance issues.

The references and guidance provided are not intended to substitute for training project personnel responsible for development and maintenance of integrated master schedules.

For information relative to EVMS procedures, templates, helpful references, and training materials, please refer to OAPM's EVM Home page. Check back periodically for updated or new information.

Thank you