EVMS Training Snippet Library:

Schedule Guidance and Resources

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

- **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	Fou	07/16/20XX-08/26/XX			
A2A	Clear Site	CF	Fou	07/16/20XX-07/28/XX			
A2B	Excavation	CF	Fou	07/28/20XX-08/02/XX			
A2C	Pour Footers	CF	Fou	08/02/20XX-08/04/XX			
A2D	Concrete Walls	CF	Fou	08/04/XX-08/11/XX			
A2E	Block Walls	CF	Fou	8/11/XX-8/15/XX			
A2F	Pour Concrete	CF	Fou	8/19/XX-8/26/XX			
A3	In Slab Rough	CF	Plu	8/15/XX-8/19/XX			

- **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

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

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

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**

- 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

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EARNED VALUE MANAGEMENT

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Project Management

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Documents and Publications

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History

Earned Value Management (EVM) is a systematic approach to the integration and measurement of cost, schedule, and technical (scope) accomplishments on a project or task. It provides both the government and contractors the ability to examine detailed schedule information, critical program and technical milestones, and cost data.

- EVMS Surveillance Standard Operating Procedure (ESSOP) - 26 Sep 2011 (pdf)
  - EV Guideline Assessment Templates - (MS Word)
  - DOE EVMS Cross Reference Checklist - (pdf)
  - DOE EVMS Risk Assessment Matrix - (MS Word)
- Formulas and Terminology "Gold Card" - Sep 2011 (pdf)
- Slides from the OECM Road Show: Earned Value (EV) Analysis and Project Assessment & Reporting System (PARS II) - May 2012 (pdf)
- DOE EVM Guidance

EVM TUTORIALS

Module 1 - Introduction to Earned Value (pdf 446.86 kb) July 17, 2003
This module is the introduction to a series of online tutorials designed to enhance your understanding of Earned Value Management. This module's objective is to introduce you to Earned Value and outline the blueprint for the succeeding modules. This module defines Earned Value management. It looks at the differences between Traditional management and Earned Value management, examines how Earned Value management fits into a program and project environment, and defines the framework necessary for proper Earned Value management implementation.

http://energy.gov/management/office-management/operational-management/project-management/earned-value-management