

# **DOD Hawaii Small Business Forum**

- **Planning and Control**
- **Identifying Real Planning and Control Needs**
- **Effective Scheduling**

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## Planning

- **The 1<sup>st</sup> phase of project management**
- **Define the work**
- **Determine the timing of activities**
- **Establish resource requirements/availability**
- **Evaluate, optimize and freeze the baseline plan**
- **Distribute information**

## Control

- **The 2<sup>nd</sup> phase of project management**
- **Ensure adequate preparation before starting a phase of work**
- **Track work in progress**
- **Measure planning performance**
- **Recommend action**
- **Revise the project plan**

# Planning and Control Needs



**Do we need a schedule?**

**No**

# Planning and Control Needs



**An effective schedule can help you,**

- Understand the plan**
- Identify problems early**
- Avoid misunderstanding**

# Planning and Control Needs



**A schedule that does not effectively communicate the plan, identify potential problems and document the work is,**

**Worthless**

# Effective Scheduling



## Network Analysis Schedule

- **Uses the Critical Path Method (CPM) of project planning, scheduling and control.**
- **Utilizes SureTrak Project Manager or Project Planner (P3) by Primavera Systems as the CPM program.**
- **Enhances project management and provides for standard business processes, reporting and information exchange.**
- **Primary means for the contractor to communicate the plan for construction and quickly update project status.**
- **Uses cost loading and activity progress to substantiate pay requests by the contractor.**

# Effective Scheduling



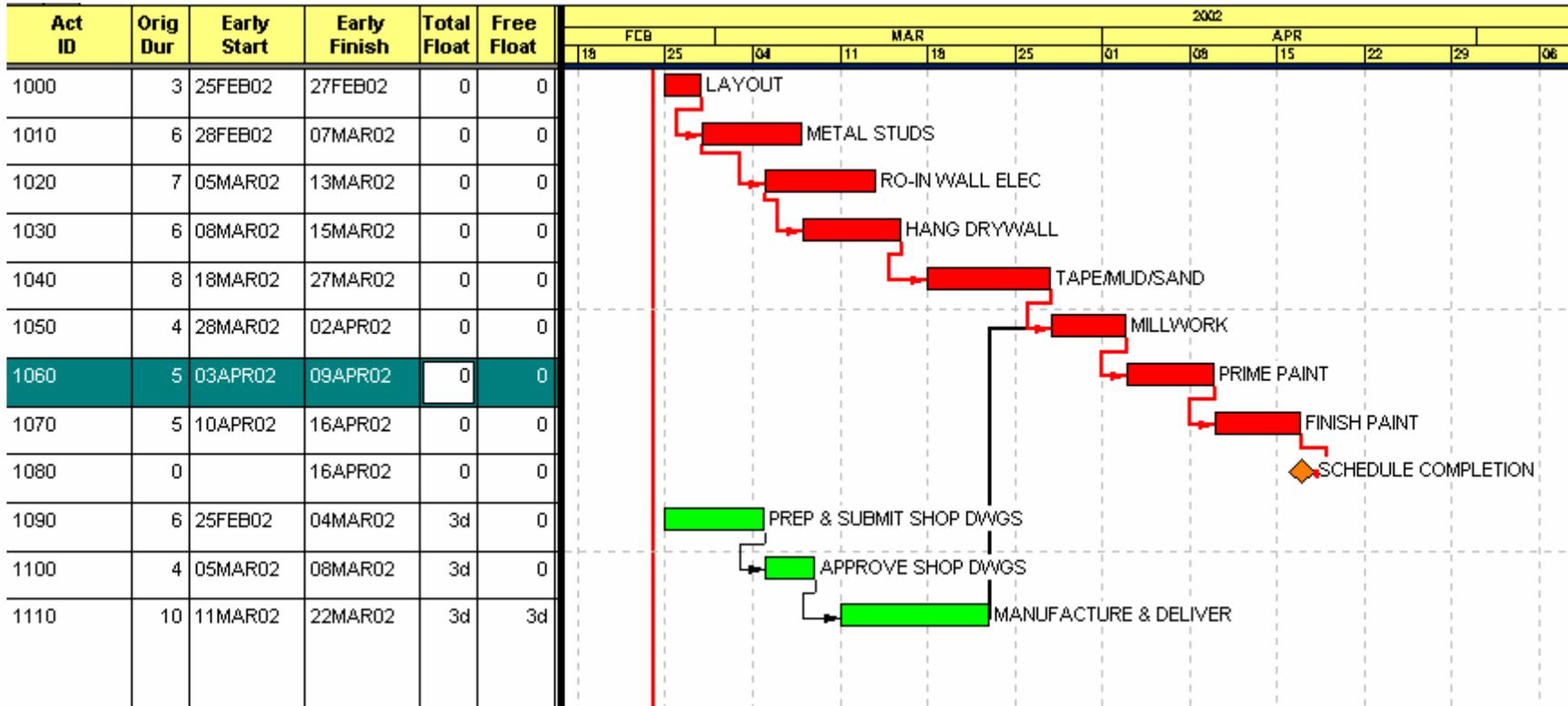
## Major Work Flows

- **Baseline Schedule**
- **Monthly Schedule Updates**
- **3-Week Look Ahead**
- **Schedule of Prices**
- **Earned Value Report**

## When

- **All project procurements that meet the definition of “Davis-Bacon” work as defined in the DFARS and is expected to have a duration longer than sixty (60) calendar days.**

# Time Scaled Logic Diagram



# 3-Week Look Ahead Schedule



		PROJECT NAME: SAMPLE PROJECT	3-WEEK LOOK AHEAD SCHEDULE														JOB NO: 10-10034		WEEK OF 10/23/00 TO 11/12/00					
ACTIVITY	RESPONSIBILITY	ACTIVITY DESCRIPTION	23	24	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	REMARKS
CPM ID NO			M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	
<b>20165</b>		<b>SITE UTILITIES</b>																						
	BEST	PLUMBING LINE FROM I TO G																						
	PACIFIC	DRAINLINE STUB OUT - BLDG L																						
<b>20580</b>		<b>BLDG G ROOFING</b>																						
	CITY	STANDING SEAM ROOF GRID A-1/ELEV SHAFT																						
	CITY	STANDING SEAM ROOF GRID I-P																						
	GHS	FRAME GABLE END GRID A																						
	CITY	STANDING SEAM ROOF GABLE END GRID A																						
	GHS	FRAME GABLE END GRID P																						
	GHS	EFS GRID A-1																						
<b>20935</b>		<b>BLDG G INTERIOR FINISH@LIVING UNITS</b>																						
	ISLAND	FIRESTOPPING AT EXHAUST DUCT 1ST FLR																						
	ISLAND	FIRESTOPPING AT EXHAUST DUCT 2ND FLR																						
	ISLAND	FIRESTOPPING AT EXHAUST DUCT 3RD FLR																						
	GHS	COMPLETE BATH DOOR FRAMES 1ST																						
	HON	INSTALL BATH DOOR FRAMES 3RD																						
	HON	INSTALL BATH DOOR FRAMES 1ST																						
	HON	INSTALL WINDOW OAK TRIM 2ND																						
	HON	INSTALL WINDOW OAK TRIM 3RD																						
	KAUAI	PREP & SEAL OAK WOOD TRIM 3RD																						
	KAUAI	PREP & SEAL OAK WOOD TRIM 1ST																						
	GHS	HANG GYP BOARD & DUROCK WALLS 2ND																						
	GHS	HANG GYP BOARD & DUROCK WALLS 1ST																						
	GHS	FRAME CEILING 2ND																						
	GHS	FRAME CEILING 1ST																						
	KONA	ROUGH-IN ABOVE CEILING 2ND																						
	KONA	ROUGH-IN ABOVE CEILING 1ST																						
	GHS	HANG GYP BOARD CEILINGS 2ND																						

