

Integrated Program Management Division

Planning & Scheduling Excellence Guide Refresh Status

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PASEG Purpose

“This guide provides the program management team, including new and experienced master planner/schedulers, with practical approaches for building, using, and maintaining an Integrated Master Schedule (IMS). It also identifies knowledge, awareness, and processes that enable the user to achieve reasonable consistency and a standardized approach to project planning, scheduling and analysis.”

Joint Government/Industry Initiative

Disposition Stats

Accept Reject

Accept	Reject	
11	0	Total Float Consumption Index (TFCI)
7	0	Schedule Margin
5	0	Relationships / Logic
4	1	Lead / Lag Time
3	2	Schedule Visibility Tasks (SVT)
4	1	Critical & Driving Path Analysis
2	2	Managing Using an IMS
3	1	Integration of Management Tools
2	2	Apportioned Effort
4	0	Schedule Rate Chart
3	0	Task Duration
3	0	Task Constraints
3	0	Level of Effort (LOE)
3	0	Statusing to Timenow
2	1	Current Execution Index (CEI)
2	0	IMS Architecture
2	0	Milestones
2	0	Intro to Schedule Execution Metrics

Accept Reject

Accept	Reject	
2	0	Generally Accepted Scheduling Principles (GASP)
1.5	.5	New (Agile & Earned Schedule)
1	0	Generally Accepted Scheduling Principles (GASP)
1	0	The IMS is a Tool, not Just a Report
1	0	Integrated Master Plan (IMP)
1	0	Baseline vs. Forecast Schedules
1	0	Summaries & Hammocks
0	1	Working Calendars
0	1	Resources in the Schedule
1	0	Subproject/External Schedule Integration
0	1	Task Coding
0	1	Schedule Acceleration Techniques
1	0	Schedule Health Assessment
1	0	Schedule Risk Assessment (SRA) – Setup & Execution
1	0	Desktop Procedures
1	0	Submission of IMS Data
1	0	Scheduling in a Production Environment

Accepted – 79.5 (85%)
Rejected – 14.5 (15%)
94

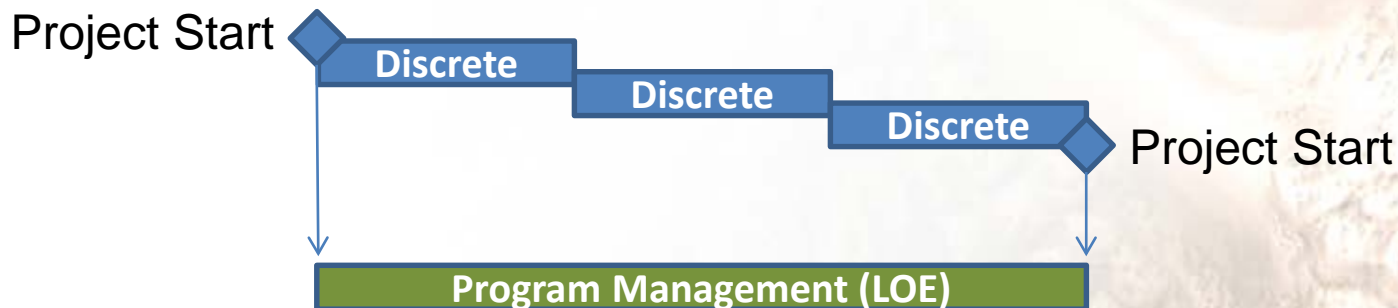
Significant Changes LOE Guidance

IPMR DID

“LOE shall not impact or be impacted by discrete tasks/activities”

PASEG

“While discrete tasks may drive LOE tasks, LOE tasks should not be linked to drive discrete tasks”



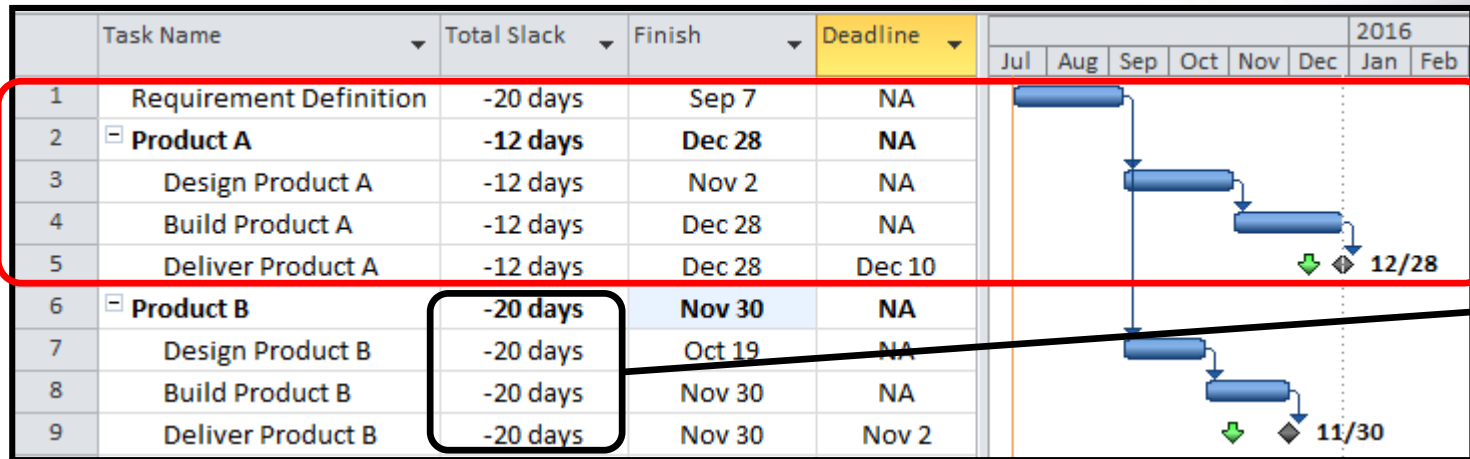
Significant Changes Critical Path Determination

IPMR DID

“Discrete tasks/activities along the critical path have the least amount of float/slack.”

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The critical (longest) path is independent of total float. The critical path may not be the path with the least float - and total float may vary along a single critical path.



Longest Path

Most Delinquent Path

= Deadline

Significant Changes Earned Schedule

- **Similar to Predictive Measures Guide**
 - SPI(t)
 - Time-based Schedule Performance Index
 - SPI(t) vs. TSPI
 - Past vs. future schedule efficiency
 - Similar to CPI vs. TCPI
 - iECD
 - Independent Estimated Completion Date
 - Similar to iEAC

PASEG Update Timeline

- ✓ Comments received July '14
- ✓ Comments dispositioned July '15
- **Comments incorporated Aug-Sept '15**
- **IPMD Board review Oct '15**
- **Incorporate comments Nov '15**
- **IPMD Member review Dec '15**
- **IPMD Member voting Jan '16**