EVM Data Reporting: CPR time line

OSD Objectives:
Minimum standard for data and analysis
Use of EVM data to assess program health and acquisition decisions
Reduce time line of EVM data availability (10 working days)
EVM Data pull from Service/Program Office
More comprehensive data and analysis

Industry Perspective:
CPR is a report for record; not a management decision tool
EVM data is a management decision tool for CAMs and PM
Data availability dependencies:
     Accounting system closing date(s)
     Data content
     Analysis scope (all threshold breaks, top 5, key milestones, etc.)
Experience showing data (3-5 days) and analysis later increases adjustments
     Sum contract EACs >> BU P/L >> Corporate Financials >> SEC Reporting
Digital submission effective where analysis tools are common (aka wInsight)
Data + Analysis yields "Good Data"

Industry Conclusions: (See Data and Analysis timeline examples)
EVM Reporting should not go beyond first tier subcontractor
Data and Analysis should not be separated

Industry CPR Tailoring Recommendations to replace C/SSR:
CPR Format 1 and 5 only
WBS reporting should not go below level 3
Format 5 should address top 5 contract to date variances; not monthly variances
Thresholds should not be less than $100K
EVM process should be based on ANSI/EIA 748 EVM Principles
Use of super Control Accounts should be encouraged
Schedules reflecting CPR WBS will be problematic as not all schedule tools support
Risk based decisions are trending to lower level data as a means to get more data

CPR Data and Analysis Timeline Examples

Industry Accounting System typical variations:

Accounting closings vary from Friday to Sunday except where last day of calendar month

Year end closes on December 31 when on a calendar year; other months when on fiscal calendar

Accounting systems do close labor on different time lines than purchases and material

Accounting systems do close purchases and materials using post closings (ie A, B ….) which are after stated accounting month closing date

Examples assume clock starts on Monday following closing to allow for Friday to Sunday closing dates and delivery is on Friday to eliminate another weekend being included in the calendar days

CPR Data and Analysis Timeline Examples

Example 1: Data (5 days) and Analysis (15 days)

	5 days	5 days	5 days	5 days	5 days	Work	Calendar
Prime 1.0	Prime Data		S/C data merge	Analysis	Analysis	25	+ 8 = 33
Sub 1.1	Data	S/C data merge	Analysis	Analysis		20	+6 = 26
Sub 1.1.1	Data	Analysis	Analysis			15	+4 = 19
Total days						25	33

Example 2: Data and Analysis (10 days)

	5 days	5 days	5 days	5 days	5 days	Work	Calendar
Prime 1.0	Prime Data		S/C data merge	Analysis		20	+6 = 26
Sub 1.1	Data	S/C data merge	Analysis			15	+4 = 19
Sub 1.1.1	Data	Analysis				10	+2 = 12
Total days						20	26

Example 3: Data and Prime analysis only

	5 days	5 days	5 days	5 days	5 days	Work	Calendar
Prime 1.0	Prime Data	S/C data merge	Analysis			15	+ 4 = 19
Sub 1.1	Data	S/C Data merge				10	+2 = 12
Sub 1.1.1	Data					5	5
Total days						20	26