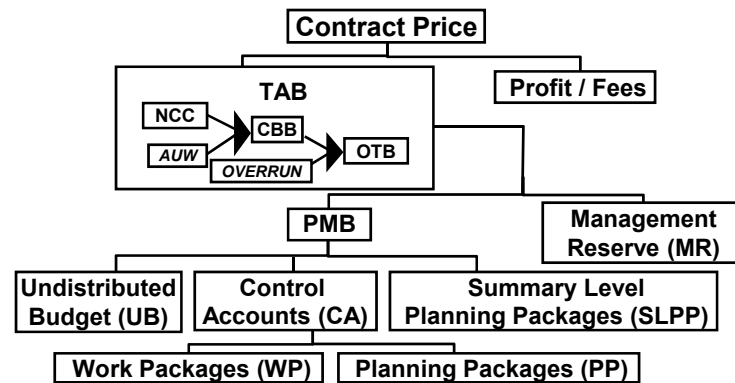
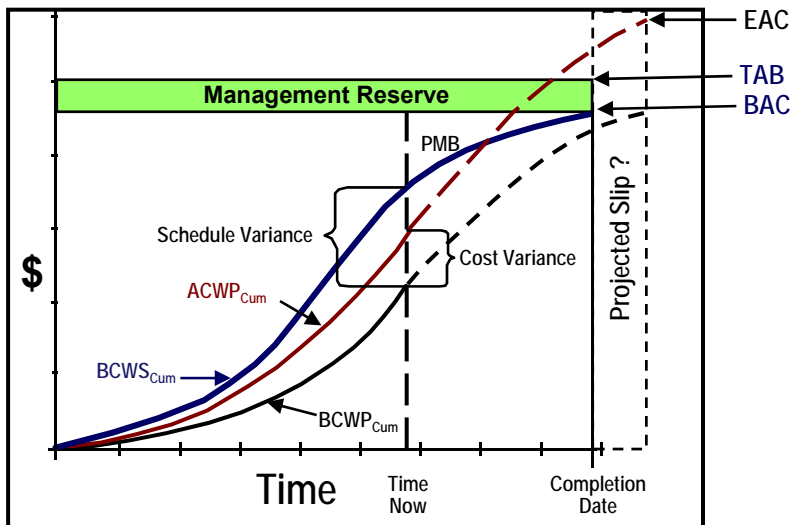


## 'GOLD CARD'



### ACRONYMS

ACWP	Actual Cost of Work Performed	Cost actually incurred in accomplishing work performed = ACTUAL COST
AUW	Authorized Unpriced Work	Work contractually approved, but not yet negotiated / definitized
BAC	Budget At Completion	The sum of all budgets for the contract thru any given WBS/OBS level
BCWP	Budgeted Cost for Work Performed	Value of completed work in terms of the work's assigned budget = EARNED VALUE
BCWS	Budgeted Cost for Work Scheduled	Time-phased Budget Plan for work scheduled = PLANNED VALUE
CA	Control Account	Lowest CWBS element assigned to a single focal point to plan & control scope / schedule / budget
CBB	Contract Budget Base	Sum of NCC & AUW
EAC	Estimate At Completion	Estimate of total Cost for the contract thru any given level generated by Ktr, PMO, DCMA, etc. = $EAC_{Ktr} / PMO / DCMA$
ETC	Estimate to Complete	Estimate of the cost of remaining work
LRE	Latest Revised Estimate	Ktr's EAC or $EAC_{Ktr}$
MR	Management Reserve	Budget withheld by Ktr PM for unknowns / risk management
NCC	Negotiated Contract Cost	Contract Price Minus profit or fee(s)
OTB	Over Target Baseline	Sum of CBB + additional budget approved for remaining work
PAC	Price At Completion	EAC Plus Adjusted Profit or Fee(s)
PMB	Performance Measurement Baseline	Contract time-phased budget plan
PP	Planning Package	Far-term CA activities not yet defined into WPs
SLPP	Summary Level Planning Package	Far-term contract activities not yet assigned to a CA
TAB	Total Allocated Budget	Sum of all budgets for work on contract = NCC, CBB, or OTB
TCPI	To Complete Performance Index	Efficiency needed from 'time now' to achieve a Cost Target = BAC, LRE, or EAC
UB	Undistributed Budget	Broadly defined activities not yet time-phased for distribution to CAs or SLPPs
WP	Work Package	Near-term, detail-planned activities within a CA

### VARIANCES Positive is Favorable, Negative is Unfavorable

Cost Variance	CV = BCWP - ACWP
	CV % = (CV / BCWP) * 100
Schedule Variance	SV = BCWP - BCWS
	SV % = (SV / BCWS) * 100
Variance at Completion	VAC = BAC - EAC
	VAC % = (VAC / BAC) * 100

### OVERALL STATUS

% Schedule	= (BCWS <sub>CUM</sub> / BAC) * 100
% Complete	= (BCWP <sub>CUM</sub> / BAC) * 100
% Spent	= (ACWP <sub>CUM</sub> / BAC) * 100

### EFFICIENCIES

Cost Efficiency	CPI = BCWP / ACWP	Favorable is > 1.0, Unfavorable is < 1.0
Schedule Efficiency	SPI = BCWP / BCWS	Favorable is > 1.0, Unfavorable is < 1.0

### SCHEDULE METRICS (Selected)

BEI = Total Tasks Completed / (Total Tasks with Baseline Finish On or Prior to Current Report Period + Tasks without baseline finish dates)

Hit Task % = 100 \* (Tasks in Denominator that Completed ON or Before Baseline Finish / Tasks Baselined to Finish within Current Report Period)

### ESTIMATE @ COMPLETION = ACTUALS TO DATE + [(REMAINING WORK) / (PERFORMANCE FACTOR)]

$EAC_{CPI}$	=	$ACWP_{CUM} + [(BAC - BCWP_{CUM}) / CPI_{CUM}]$
$EAC_{Composite}$	=	$ACWP_{CUM} + [(BAC - BCWP_{CUM}) / (CPI_{CUM} * SPI_{CUM})]$

### TO COMPLETE PERFORMANCE INDEX (TCPI) § #

$TCPI_{Target} = \text{Work Remaining} / \text{Cost Remaining} = (BAC - BCWP_{CUM}) / (Target - ACWP_{CUM})$

§ To Determine the TCPI for BAC, LRE, or EAC Substitute TARGET with BAC, LRE, or EAC

# To Determine the Contract Level TCPI for EAC, You May Replace BAC with TAB

### EVM POLICY: DoDI 5000.02, Enclosure 1, Table 8.

EVMS in accordance with EIA-748 is required for cost or incentive contracts, subcontracts, intra-government work agreements, & other agreements valued  $\geq$  \$20M (TY \$). Contracts  $\geq$  \$100M\* (TY \$) require that the EVMS be formally validated by the cognizant contracting officer. # Class Deviation-Earned Value Management System Threshold (9/1/15) EVM is discouraged on Firm-Fixed Price, Time & Material Contracts, & LOE activities regardless of cost. Refer to the IPMR Implementation Guide for IPMR Tailoring Guidance.

### DoD's EVM CONTRACTING REQUIREMENTS:

DFARS CLAUSES	252.234-7001 "NOTICE OF EVMS" FOR SOLICITATIONS
	252.234-7002 "EVMS" FOR SOLICITATIONS & CONTRACTS
	252.242-7005 "CONTRACTOR BUSINESS SYSTEMS" FOR SOLICITATIONS & CONTRACTS

Integrated Program Mngt Report DI-MGMT-81861A \* 7 FORMATS = WBS, OBS / IPT, BASELINE, STAFFING, EXPLANATIONS & PROB ANALYSES, IMS, HISTORY / FORECAST COST

INTEGRATED BASELINE REVIEW MANDATORY FOR ALL CONTRACTS THAT HAVE EVM INVOKED ON THE CONTRACT

WBS For Defense Materiel Items MIL-STD-881D

\* Combines & Supersedes DI-MGMT-81466A (CPR) & DI-MGMT-81650 (IMS); Effective July 1, 2012