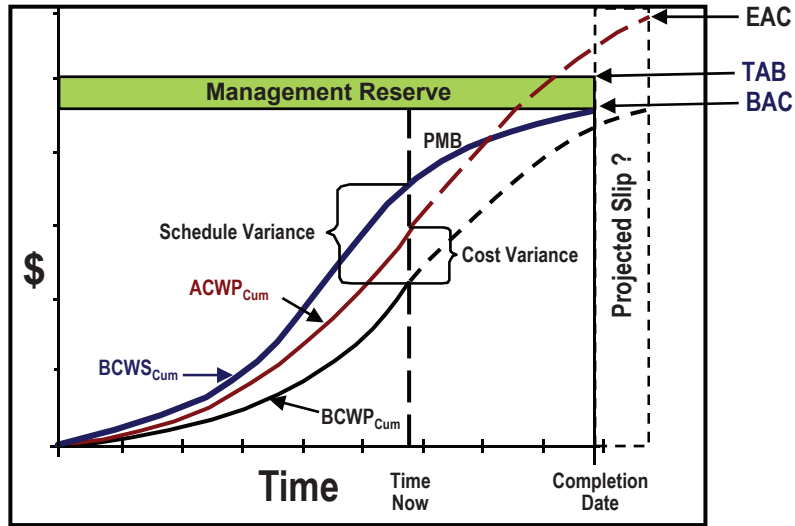


DAU EARNED VALUE MANAGEMENT 'GOLD CARD'



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 _{CUM} / BAC) * 100
% Complete	= (BCWP _{CUM} / BAC) * 100
% Spent	= (ACWP _{CUM} / 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)]

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

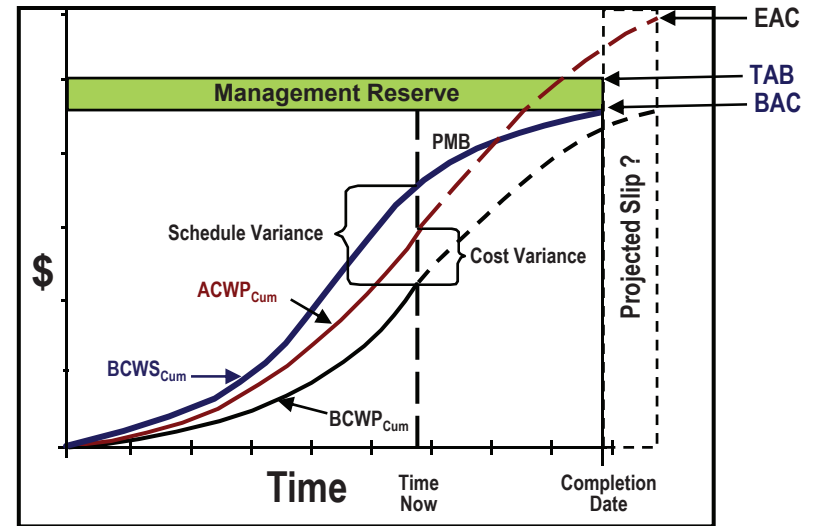
$$EAC_{Composite} = ACWP_{CUM} + [(BAC - BCWP_{CUM}) / (CPI_{CUM} * SPI_{CUM})]$$

TO COMPLETE PERFORMANCE INDEX (TCPI) §

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

§ 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

DAU EARNED VALUE MANAGEMENT 'GOLD CARD'



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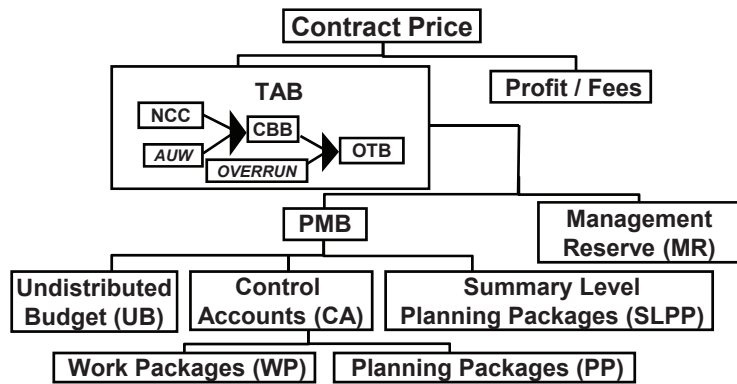
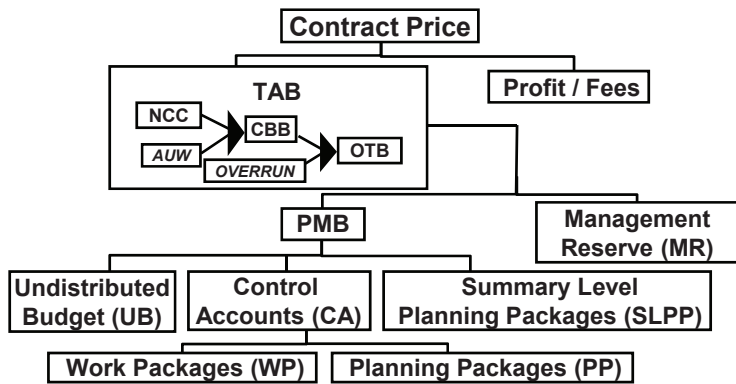
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To Determine the Contract Level TCPI for EAC, You May Replace BAC with TAB



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

EVM POLICY:

EVMS in accordance with EIA-748 is required for cost or incentive contracts, subcontracts, intra-government work agreements, & other agreements valued > \$20M (TY \$).

Refer to the IPMDAR Implementation Guide for IPMDAR 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 Data and Analysis Report DI-MGMT-81861

INTEGRATED BASELINE REVIEW MANDATORY FOR ALL EVMS CONTRACTS

EVM CoP: <https://www.dau.edu/cop/evm> | Contact: EVM.dau@dau.edu | Revised Jun 2020

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EVM CoP: <https://www.dau.edu/cop/evm> | Contact: EVM.dau@dau.edu | Revised Jun 2020