**Report Viking’s Project at Week 28**

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1. **Introduction :**

This project will be monitored and controlled by a using a select set of the Earned Value Management (EVM) metrics: Schedule Performance Index (SPI) and Cost Performance Index.

In order to effectively use CPI and SPI, the project will be partitioned by Control Account Plans (CAPs, Project Deliverables. The Earned value data will be captured from weekly timesheets produced by all team members. The Viking Project Management team is chartered to incorporate the week time into the schedule, calculate the metrics, and perform causal analysis. This information will be summarized and presented to the Steering Committee in association with the charts.

Data represent in chart include :

|  |  |
| --- | --- |
| Data Field | Description |
| **BCWS** | Budgeted Cost of Work Scheduled. ... For a <Resource>, it is the rolled-up summary of a resource's BCWS values for all assigned tasks |
| **BCWP** | Budgeted Cost for Work Performed; Earned Value; the dollar amount of work that was actually accomplished; [Budget] X [percent complete] |
| **ACWP** | Actual Cost of Work Performed during a given time period; money spent up  to the current date. ... Cost Performance Index, CPI = BCWP / ACWP |
| **CPI** | Cost Performance Index is the calculation of Earned Value (EV) divided by Actual  Cost (EC), CPI = BCWP/ACWP |
| **SPI** | Schedule Performance Index is the calculation of Earned Value (EV),BCWP  divided by the Planned Value (PV), a.k.a. SPI = BCWP/BCWS |
| **EAC** | The EAC gives an idea of the final costs of a project. It takes into account the  original budget (BAC), the Earned Value and the Cost Performance Index of the  already completed works.  EAC = ACWP + ((BAC - BCWP)/CPI |
| **BAC** | Budget at Completion is the original budget requested for the project or program represented by the end point on the BCWS curve |
| **SV** | Schedule Variance . SV = BCWP - BCWS |
| **CV** | Cost Variance . CV = BSWP - ACWP |

***Table\_1 : Data represent***

The Earned Value data in this assignment will be collected from Viking\_EV\_Data-up\_to\_w28.xls.

1. **Viking’s Project Overview :**

**To:** Mr. HieuTo, ABC System **From: Team 11**

**Subject:** *Summary Report Viking’s Project at Week 28* **Date**: *04/2/2012*  **Version** : *1.0*

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| --- | --- | --- | --- |
| **Project Name:** | **Viking ‘s Project** | **Report Period:** | **Week 28** |
| **Project Manager:** | **Team 11** | **Phone** | **0909.123.456** |
| **Project Description:** | **Management Software** | **E-mail:** | **k15t1-team11@googlecode.com** |