**Timeline Chart-2**

**EVA Exercise:**

|  |  |  |
| --- | --- | --- |
| Task | Planned Effort | Actual Effort |
| 1 | 10.0 | 8.5 |
| 2 | 6.0 | 7.0 |
| 3 | 3.0 | 4.0 |
| 4 | 2.0 | 3.0 |
| 5  BCWP = 37 | 2.0 | 1.0 |
| 6 | 2.0 | 2.0  ACWP = 38 |
| 7 | 3.0  BCWS = 49.0 | 3.5 |
| 8 | 3.0 | 3.0 |
| 9 | 3.0 | 2.5 |
| 10 | 3.0 | 3.5 |
| 11 | 2.0 | -- |
| 12 | 3.0 | -- |
| 13 | 2.0 | -- |
| 14 | 3.0 | -- |
| 15 | 2.0 | -- |
| Total Task = 64; Effort estimation = 273 Person Days | | |

* BAC = PM \* 22 = 12.41 \* 22 = 273

[ % of work completed at this time]

Complete = BCWP / BAC = 37 / 273 = 13.55%

[ % of work schedule to be done at this time ]

% schedule for completion = BCWS / BAC = 49 / 273 = 17.95%

* CV = BCWP - ACWP = 37 - 38 = -1 Person-day
* SPI = BCWP / BCWS = 37 / 49 = 0.755
* CPI = BCWP / ACWP = 37 / 38 = 0.974
* SP = BCWP - BCWS = 37 - 49 = -12 Person-day