

“Project Management Using Earned Value”
Case Study Solution 15.1

15.1

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Resolving Negative Float

Resolving Negative Float

Answers:

1. What does the negative total float for this path indicate?

The negative total float indicates that the path A – E cannot meet the path's or the project's constrained finish date by the 4 days.

2. What options do you have to return this path to zero float? Explain how your recommendations will solve the negative float condition.

There are several possibilities and their selection depends on the nature of the activities, the number of resources assigned and the resource availability.

- Examine the possibility of shortening durations on any of the activities – can the work be reasonably completed in a shorter time period?
- Revise the schedule logic – overlap activities totally or partially if the nature of the work allows it
- Redefine the work scope to eliminate the work or delay it for delivery at a later date (if the nature of the work allows it and the customer agrees)
- Provide additional resources where they can be used – remembering that there may be a cost increase as a result.
- Check if the schedule has been specified correctly – were there any input errors?