LONGEST CHAIN DETERMINATION

Splitting of Critical Task based
Earliest availability of Critical Resource

A-dato
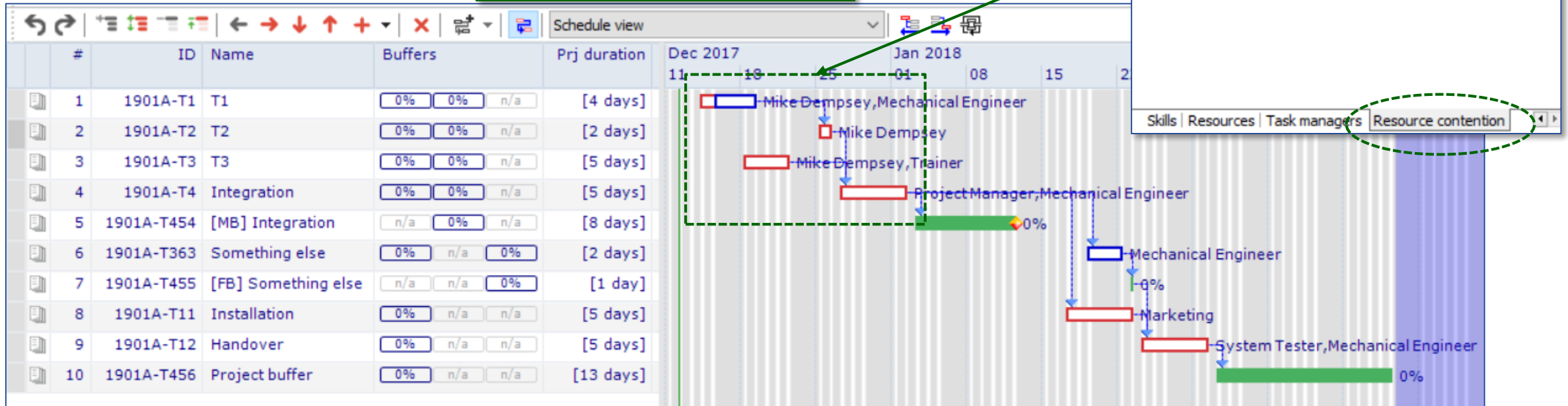
High Performance Delivered

Splitting of a Critical Task
Mike Dempsey is the Critical Resource

When is a Critical Task split?
Objective is to minimize the duration of the Longest Chain!

Splitting occurs if a task as more than 1 resource requirement and the Critical Resource has the shortest duration. In this example the designer is required 2 days on the task.

If splitting is to be prevented….

Splitting is prevented when durations of all required resources are equal.

If the effort is not equal, change the unit % to modify the expected workload .