Dissolving Activities and Retain Lag in Oracle Primavera P6 PPM

1   Introduction

When an activity is deleted then a chain of logical activities is broken. The **Edit**, **Dissolve** command and the right-click **Dissolve** command will delete an activity and joins the predecessors and successors with a Finish-to-Start relationship.
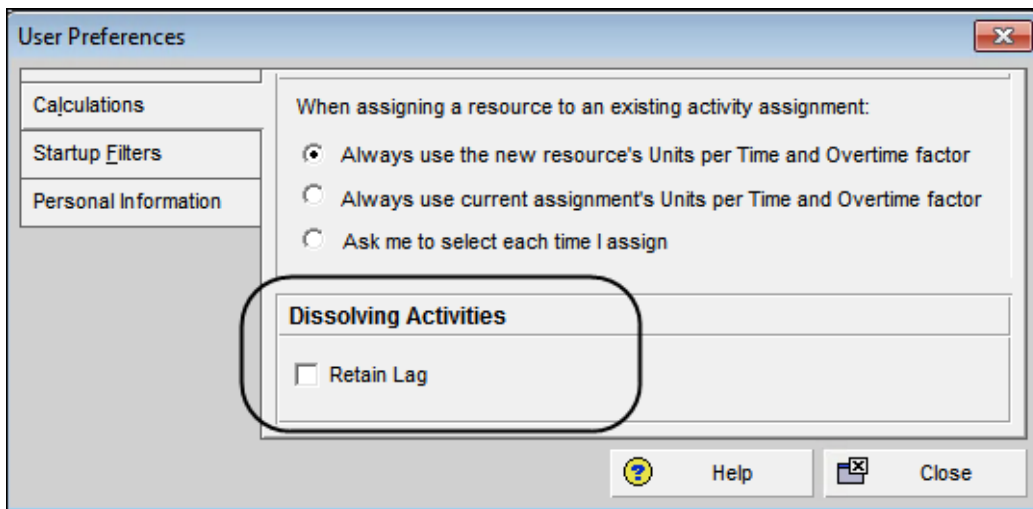
P6 Version 19 introduced the ability to retain lag when dissolving activities.
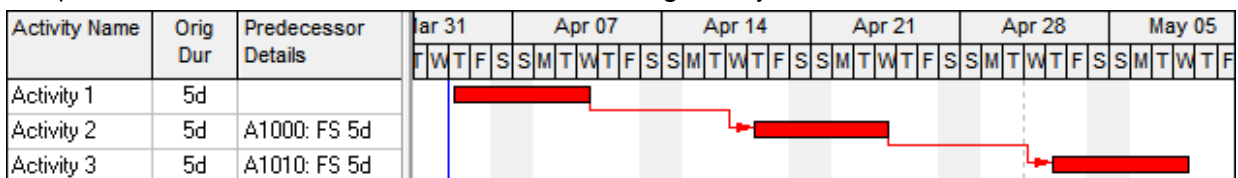
2   Aim

The aim of this paper is to explain how the new P6 **Retain Lag** function operates.
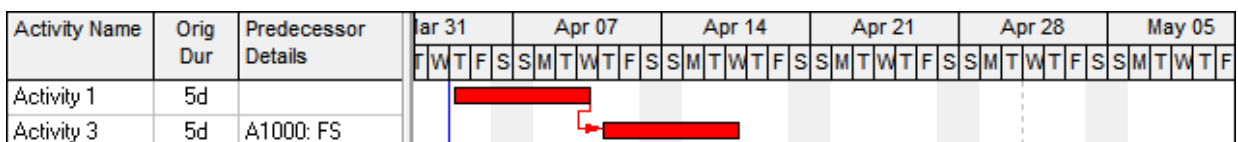
3   Dissolving Activities and Retain Lag

When **Retain Lag** is selected from the **User Preferences**, **Calculations** tab, the dissolved activities predecessor and successor lags will be added together to calculate the lag in the new relationship:

The picture below is shows three tasks before **Dissolving** Activity 2:

This shows what happens after **Dissolving** Activity 2 in P6 Version 19 or later without **Retain Lag** checked or in earlier versions of P6:

This picture shows what happens after Dissolving Activity 2 in P6 Version 19 and later with **Retain Lag** checked:

Activity Name	Orig Dur	Predecessor Details	Mar 31	Apr 07	Apr 14	Apr 21	Apr 28	May 05
Activity 1	5d		▬▬▬					
Activity 3	5d	A1000: FS 10d				▬▬▬		

You will see that the predecessor and successor lags are added together.

By default, **Retain Lag** is not switched on and has to be activated by the user from the **User Preferences**, **Calculations** tab.

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