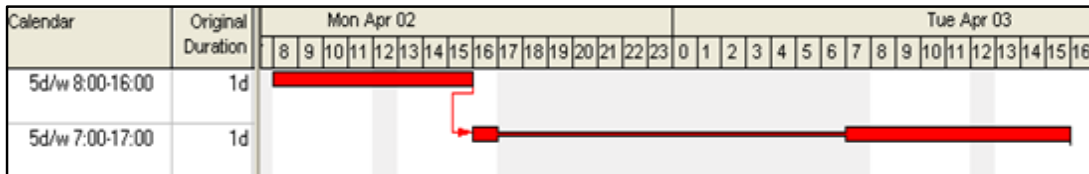




# ISSUES WHEN P6 TASKS HAVE MIXED CALENDARS

## 1 Introduction

When a project has mixed calendars, say an 8- and 10-hour per day, then a change of calendar from a predecessor on an 8-hour per day calendar to a successor on a 10-hour calendar, the successor activity may have one hour of work on the same day as the predecessor and span 2 days. This situation leads to interesting Float calculations, one day tasks spanning two days and confusion to schedulers.



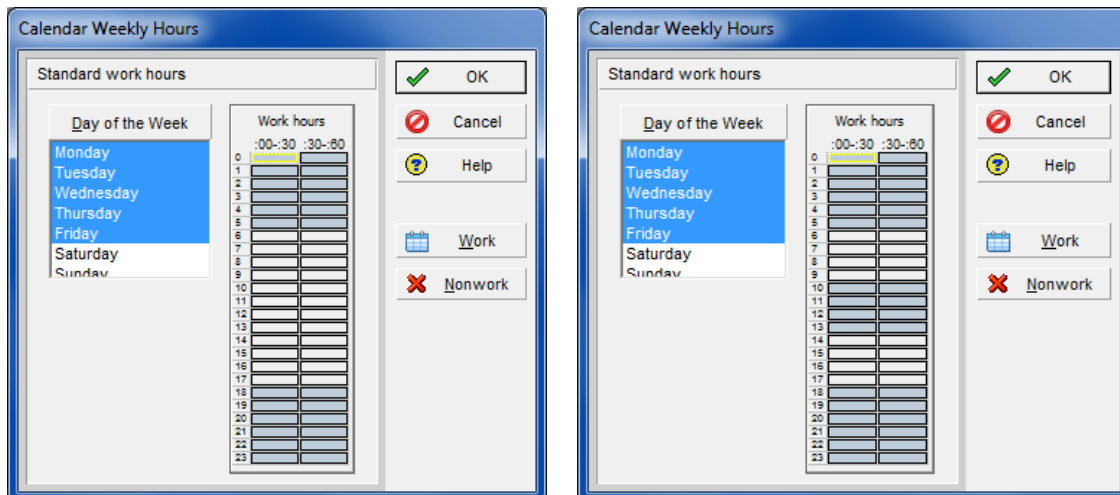
Primavera P6 does not have a “Start on a New Day” function found in other products, such as Elecosoft (Asta) Powerproject, but which in itself brings on a new set of calculation issues.

## 2 Tips for Mixed Calendar Schedules

Techniques that may be considered to ensure one-day activities span one day and two-day activities span two days, etc. are:

- Apply an appropriate lag to the relationship, not recommended and many contracts disallow this type of relationship, or
- Ensure all calendars have the same finish time but different start times thus giving the activities a different number of hours per day. Then as long as the activity durations are whole days, they will be scheduled to start at the start of the day according to their calendar and will end at the same time at the end of the day, or
- When the Start and Finish Times are not an important scheduling consideration, then assign all the calendars the same Start and Finish time, but adjust the duration of the lunch break, so the days have the desired number of hours.

The picture below shows how 8-hour a day and 12-hour a day calendars in the same project may be set up to ensure all activities start and finish on the same day:





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