

# What's New in Oracle Primavera P6 PPM Professional in the 2020s

Presented by Paul E Harris



# Abstract

- Oracle has made a number of enhancements in Primavera P6 PPM Professional over the past few years and this presentation will cover the major enhancements made in the last three years based on the papers published by Paul E Harris,
- It will also suggest practical uses for all the enhancements and allow a discussion on the enhancements,
- This presentation will be of interest to P6 PPM users who are thinking of upgrading from an earlier version.

# Speaker Background

- Paul Harris holds an Honours Degree in Civil Engineering obtained in the UK and is a Certified Cost Engineer through AACE International, a certified PRINCE2™ practitioner and trainer and a Managing Successful Programs practitioner and trainer,
- He has worked in the project controls industry for a number of years and has assisted many companies in a range of industries to set up and run project controls systems,
- His Melbourne, Australia based company, Eastwood Harris Pty Ltd, offers project controls consulting and training services with a strong focus on Microsoft Project, Elecosoft (Asta) Powerproject and Primavera software,
- He has written and published over 50 books on these software packages over the past 21 years.



# Enhancements to be covered in this presentation

## **P6 Version 22**

- Check Schedule Report
- Additional Baseline Data Available when Assigning a Baseline
- Finish Date Filter Definition
- Multiple Project Views Displayed Side by Side
- Colum Header Sort Arrow Direction Reversed

## **P6 Version 21**

- Assignment Cost are Exported
- Users may See and Set Activity Start and Finish Times in the Date Picker box when the User Preferences are set only to show the date
- Resource and Role Cost Spreads Consider Rate Changes Over Time
- Activity Critical Path
- Reduced Milestone Relationship Types

## **P6 Version 20**

- Relationship Comments
- Role Rate Change Over Time
- Multiple Project Scheduling Data Date Selection
- Multiple Project Scheduling Options Selection
- Different Projects may have different Financial periods

# Oracle Primavera Enhancement Philosophy

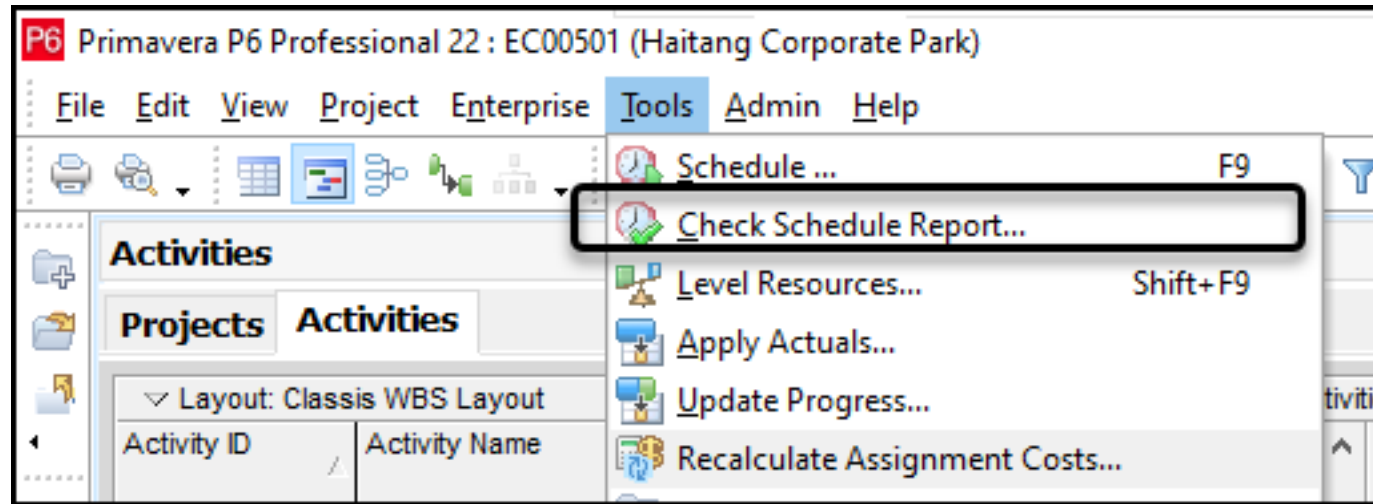
- It has been my observation that when Oracle introduces new functions that affect the way the schedule will calculate then these options need to be turned on before P6 will use the new function.

# P6 Version 22 Enhancements



# Check Schedule Report

- The **Tools, Check Schedule Report** option allow the user to conduct a Quantitative Check on a schedule which is becoming more popular with a number of organisations:



- The report is aligned to documents such as the DCMA 14 Point Assessment which may be downloaded from here:
- <https://www.dcma.mil/Portals/31/Documents/Policy/DCMA-PAM-200-1.pdf?ver=2016-12-28-125801-627>



# Check Schedule Report

- Running the command allows the user to change the analysis settings in the form:

Check Schedule

Use Check Schedule Parameters from: EC00501 - Haitang Corporate Park Target: [ ]

<input checked="" type="checkbox"/> Logic - Activities missing predecessors or successors.	<	5	%
<input checked="" type="checkbox"/> Negative lags - Relationships with a lag duration of less than 0	<	1	%
<input checked="" type="checkbox"/> Positive Lags - Relationships with a positive lag duration	<	5	%
<input checked="" type="checkbox"/> Long Lags - Relationships with a lag duration greater than [ 352 ] h	<	5	%
<input checked="" type="checkbox"/> Relationship Types - The majority of the relationships should be Finish to Start	>	90	%
<input checked="" type="checkbox"/> Hard Constraints - Constraints that prevent activities from being moved	<	1	%
<input checked="" type="checkbox"/> Soft Constraints - Constraints that do not prevent activities from being moved	<	5	%
<input checked="" type="checkbox"/> Large Float - Activities with total float greater than [ 352 ] h	<	1	%
<input checked="" type="checkbox"/> Negative Float - Activities with a total float less than 0	<	1	%
<input checked="" type="checkbox"/> Large Durations - Activities that have a remaining duration greater than [ 352 ] h	<	5	%
<input checked="" type="checkbox"/> Activities with Invalid progress dates	<	1	%
<input checked="" type="checkbox"/> Resources / Cost - Activities that do not have an expense or resource assigned	<	1	%
<input checked="" type="checkbox"/> Late Activities - Activities scheduled to finish later than the project baseline	<	5	%
<input checked="" type="checkbox"/> BEI - Baseline Execution Index	>	0.95	

Save Report To: C:\Users\Primavera\Documents\ScheduleCheckReport.html

Overwrite Existing

Buttons: Cancel, Save, Check Schedule, Default, Help



# Check Schedule Report

- If you make changes to the **Default** setting you may save them with the **Save** button,
- But it is not possible to save different profiles and setting will need to be changed manually for each different scenario that may be required.

Check Schedule Report						
28-Dec-22						
P.M.EXE						
▼ Projects Checked						
Project ID	Project Name	Data Date	Total Activities	Complete Activities	Internal Relationships	External Relationships
EC00501	Haitang Corporate Park	01-May-11	71	25	93	7
▼ Project checked to have links to the following closed projects						
Closed Project ID	Closed Project Name	Data Date	Links to/from the closed project			
EC00515	City Center Office Building Addition	01-May-11	6			
EC00530	Nesbid Building Expansion	01-Jul-11	1			
▼ Check Summary						
Check	Description	Target	Percent	Found	Total	
Logic	Activities missing predecessors or successors	< 5.00 %	6.52 %	3	46	
Negative Lags	Relationships with a lag duration of less than 0	< 1.00 %	0.00 %	0	74	
Positive Lags	Relationships with a positive lag duration	< 5.00 %	9.46 %	7	74	
Long Lags	Relationships with a lag duration greater than 352 hours	< 5.00 %	0.00 %	0	74	
Relationship Type	The majority of relationships should be Finish to Start	> 90.00 %	89.19 %	66	74	
Hard Constraints	Constraints that prevent activities being moved	< 1.00 %	0.00 %	0	46	
Soft Constraints	Constraints that do not prevent activities being moved	< 5.00 %	0.00 %	0	46	
Large Float	Activities with total float greater than 352 hours	< 1.00 %	60.87 %	28	46	
Negative Float	Activities with a total float less than 0	< 1.00 %	0.00 %	0	46	
Large Durations	Activities that have a remaining duration greater than 352 hours	< 5.00 %	5.41 %	2	37	
Invalid Progress Before Data Date	Incomplete activities before the data date	< 1.00 %	0.00 %	0	46	
Invalid Progress After Data Date	Activities with actual dates after the data date	< 1.00 %	0.00 %	0	46	
Resources/Cost	Activities that do not have an expense or a resource assigned	< 1.00 %	6.90 %	4	58	
Late Activities	Activities scheduled to finish later than the project baseline	< 5.00 %	100.00 %	37	37	

# Check Schedule Report

Users must remember that it is more important to complete a **Qualitative Check** before running a **Quantitative Check** such as the **Check Schedule Report** and ensure that normal checks are made to a schedule which include but not limited to the following types of checks, these are just examples:

- Is the full scope of the project included?
- Have all the contract requirements been included?
- Is the program aligned with the estimate?
- Are the calendars extended to twice the project length so any delays will calculate correctly?
- Are task durations achievable?
- Is the logic correct?

**NOTE:** Do not run a Check Schedule Report unless a Qualitative Check as identified above has been completed.



# Additional Baseline Data Available when Assigning a Baseline

- The **Project, Assign Baseline, Select Project Baseline** form has customisable columns allowing the user to see more information about a baseline when selecting a baseline project:

Click here in the columns area to open the menu and select **Columns...**

Customizable columns to see more information about a selected baseline

Project ID	Baseline Name	Baseline Type	Original Project
Haitang Park - B1	Haitang Corporate Park - B1		EC00501
Haitang Park - B2	Haitang Corporate Park - B2		EC00501

Available Options	Selected Options
General	Project ID
	Baseline Name
	Baseline Type
	Original Project
	Planned Start
	Primary Baseline
	Project Baseline
	Project Baseline Count
	Secondary Baseline
	Tertiary Baseline

# Finish Date Filter Definition

- The Admin, Admin Preferences, General tab has a new Data Filters option:

Admin Preferences

**General**

**Code Separator**  
Specify the character for separating concatenated codes. It is also the default WBS code separator for new projects.  
Code Separator: .

**Starting Day of Week**  
Specify the starting day of the week for calendars.  
First day of week: Monday

**Date Filters**  
Select this option to define the timeframe based on the beginning of the day, week, or month.  
 Finish date filters use start of Current Date, Week, and Month

**Activity Duration**  
Specify the default duration for new activities.  
Default Duration: 5

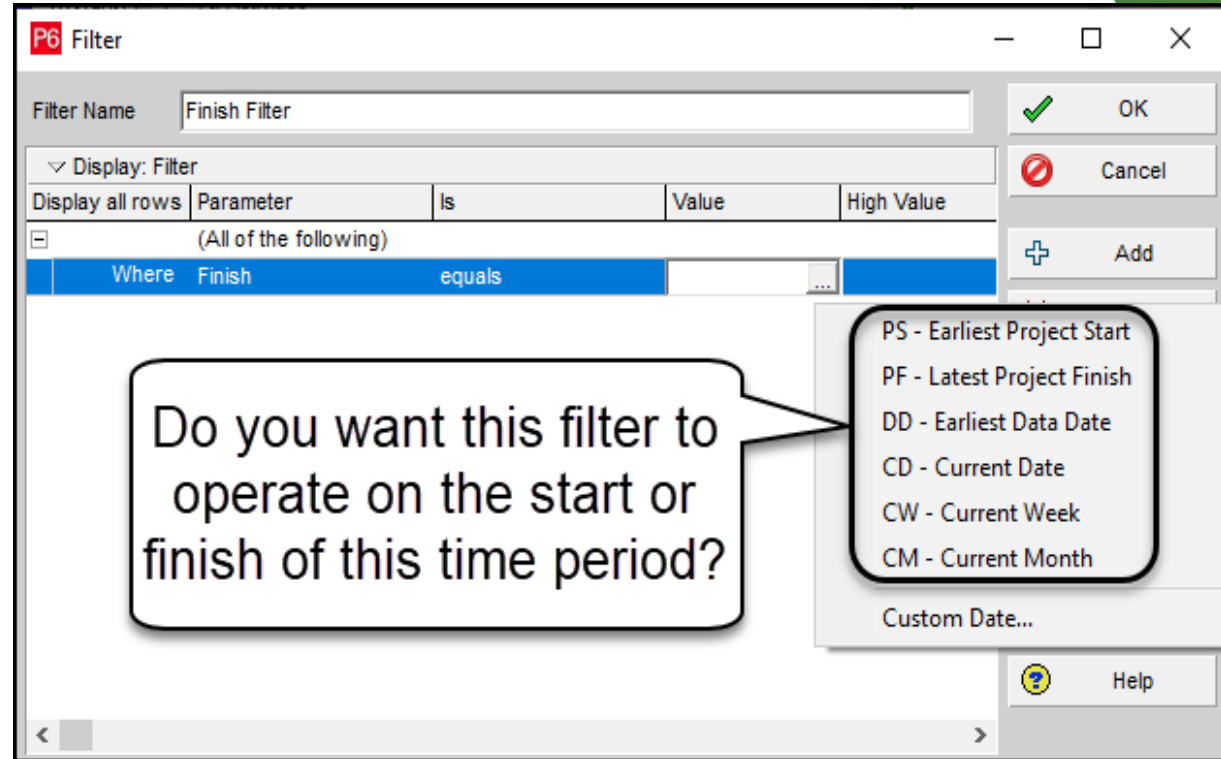
**Password Policy**  
The Password Policy requires a minimum length of 8 characters and at least one number and one letter in a user's password.  
 Enable password policy

Help Close

Added in  
P6 Version  
22

# Finish Date Filter Definition

- When a Finish Date filter has been created the user may select Current Date, Current Week etc.,
- Version 20.4 changed the way the filter operated to select the end of the time period, whereas earlier versions used the start of the time period,
- The Administrator may now make the software compatible with earlier versions with this option,

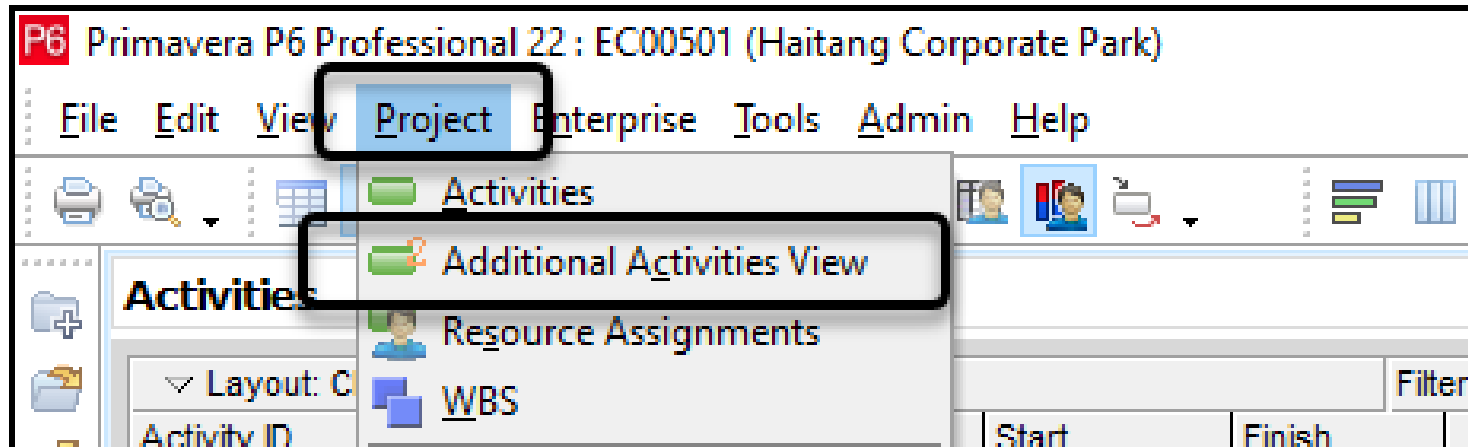


**NOTE:** It would appear to be more logical to have the filter operate on the end of the selected time period and I would not switch it on unless there was a demand to be compatible with earlier .



# Multiple Project Views Displayed Side by Side

- With P6 Version 22 there is an additional option in the **Project** menu titled **Additional Activities View**:



# Multiple Project Views Displayed Side by Side

- This option will open a second view of the project(s) that are opened. The projects views may then be resized etc:

The screenshot displays the Primavera P6 Professional 22 interface. The main window, titled 'Activities', shows a Gantt chart for 'Layout: Classis WBS Layout' with activities like 'Design and Engineering' and 'EC100 Design Building Addition'. A second window, titled 'Activities-2', is open on top, showing 'Layout: Resource Cost Profile' with a resource list including 'AbrahamM', 'ACE', and 'ACE Corp'. A vertical tab group icon is highlighted with a callout: 'Use the New Vertical Tab Group icon to place the widows side by side'. Another callout points to the window's title bar: 'Resize the windows by dragging here'. The status bar at the bottom shows 'Portfolio: All Projects', 'Access Mode: Shared', 'Data Date: 01-May-11', 'Baseline: Haitang Corporate Park - B2', 'User: admin', and 'DB: PMDB\_BAK (Professional)'.



# Multiple Project Views Displayed Side by Side

The Oracle description was not clear to me, but I found by experiment that:

- Each window may be formatted separately,
- Each window may be printed separately by clicking in the window that is required to be printed,
- The **Schedule Options** and **Schedule Check Report** options may not be different for each view and scheduling one view will schedule both views.

# Column Header Sort Arrow Direction Reversed

- Although not listed as an enhancement in the Oracle documentation, the arrow in a column header has been reversed in P6 Version 22 and now when it points up the column is sorted alphabetically down, as in the EPPM Web tool:

Activity ID	Activity Name
City Center Office Building Addition	
Design and Engineering	
EC1000	Design and Engineering
EC1010	Site Preparation
EC1030	Review Technical Data on Heat Pumps
EC1050	Assemble Technical Data for Heat Pump
EC1160	Review Technical Data on Heat Pumps

P6 Version 21 and earlier

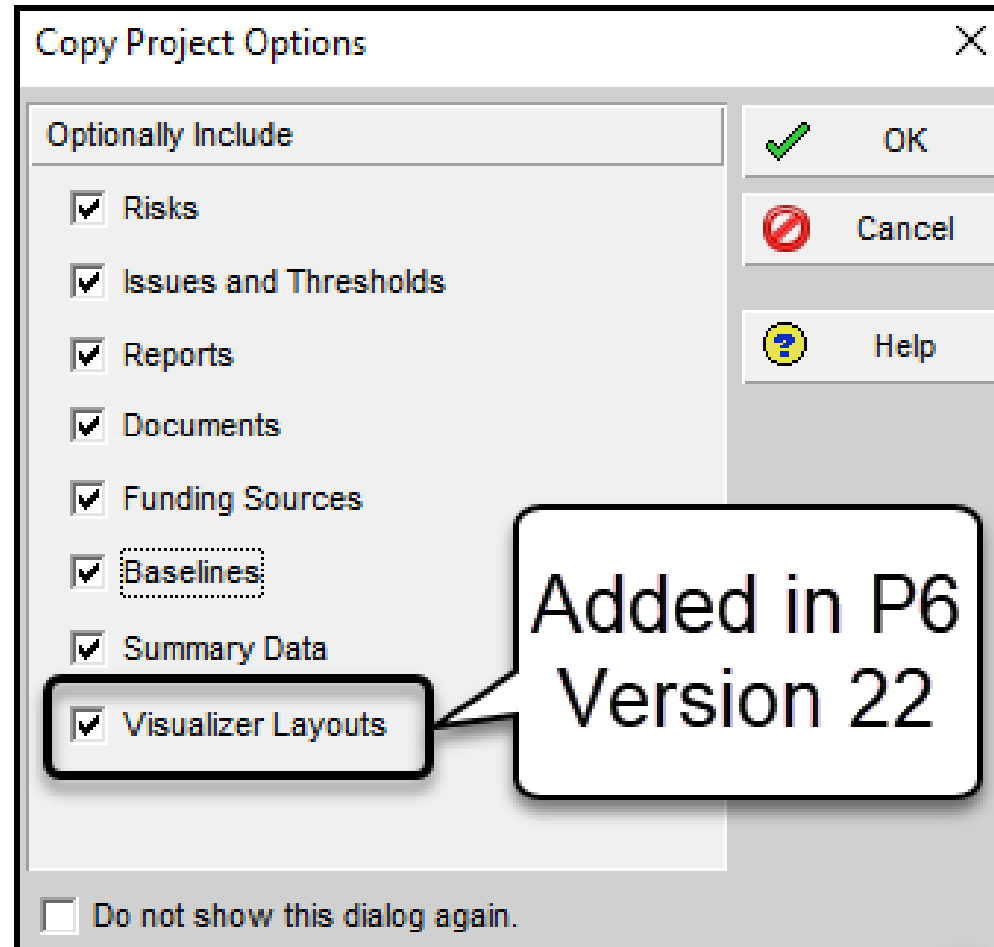
Activity ID	Activity Name
Haitang Corporate Park	
Design and Engineering	
EC1000	Design and Engineering
EC1010	Site Preparation
EC1030	Review Technical Data on Heat Pumps
EC1050	Assemble Technical Data for Heat Pump
EC1160	Review Technical Data on Heat Pumps

P6 Version 22

- This change operates in all windows and on all data items.

# Copy Visualizer Layouts when Copying a Project

- There is a new option with P6 Version 22 to copy Visualizer layouts with a project:



# P6 Version 21 Enhancements



# Assignment Cost are Exported

- The Oracle Cumulative Feature Overview file states *“When you export to Primavera XML, Price Per Unit data for assignments is included in the export file.”*
- This statement is in my opinion misleading and there are several pages in my article showing what I found and in summary:
  - With Version 20, when a resource had been assigned to an activity and the rate in the Resource window was then changed, then on export and import to another database the assignment was recalculated based on the Resource rate from the source database and the project showed a different cost in the target database to the source database,
  - With Version 21, I found that the assignment was calculated using the target resource rate when the resource exists in the target database and the project may still show a different cost in the target database to the source database.

# Assignment Cost are Exported

- My testing indicates that the Activity Resource assignment Unit Rate may be changed on the import of an XML file when the source or target database has a different Unit Rate in the Resource window to the Resource Assignment Unit Rate,
- If you want the resource assignment costs to remain the same when importing an XML file, then the Resource table Unit Rates must be the same as the Activity assigned resource Unit Rates when a file is exported and you must be careful when you import an XML project into a database if the resource already exists in the target database,

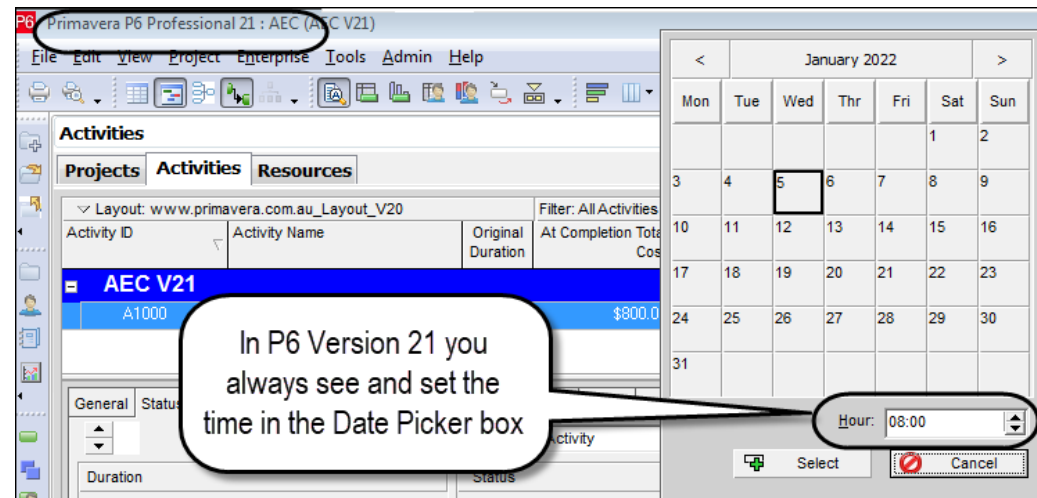
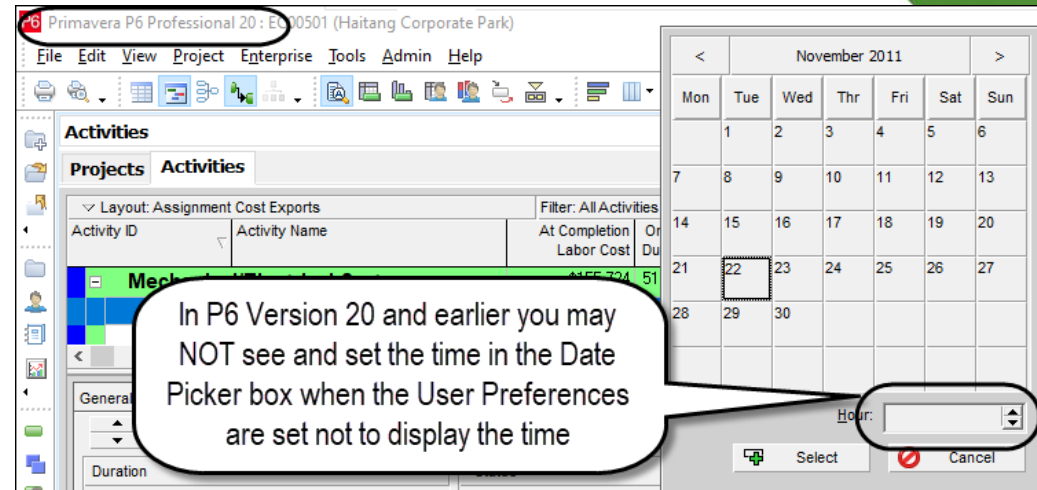
**NOTE:** If you do not want to risk assignment rates changing on import then use an XER file.



# Users may See and Set Activity Start and Finish Times in the Date Picker box when the User Preferences are set only to show the date

This is a great enhancement as P6 usually picks the wrong time when setting **Actual** dates, **Constraints**, **Suspend** and **Resume** dates when the time is not set to be displayed from the **User Preferences**,

- P6 Version 20 and earlier the time is not available in the Date Picked Box,
- P6 Version 21 the time may be set from the Date Picker box.





# Resource and Role Cost Spreads Consider Rate Changes Over Time

- The **Admin Preferences, Options** has introduced a **Cost Spread** option,
- This changes how the cost spreads for resources and role rates are reflected in the **Resource Usage Spreadsheet and Profile, Activity Usage Spreadsheet and Profile, Tracking View, Resource Assignments** window, and **Activity Usage Spreadsheets and Profiles, Publishing and Reports**.

The screenshot shows the 'Admin Preferences' window with the 'Options' tab selected. The 'Cost Spread' section is highlighted, showing two radio button options: 'Linear Spread' (selected) and 'Unit Spread'. A callout box points to this section with the text 'Cost Spread Option introduced in P6 Version 21'. Other visible sections include 'Specify the interval to summarize and store resource spreads' with 'By calendar' selected and 'WBS Level' and 'Resource/Role Assignment Level' both set to 'Week'. The 'P6 Professional Online Help URL' is set to 'https://docs.oracle.com/cd/F37128\_01/client\_help/'. The 'Document Security' section shows 'Show security warning when launched' with a list of file extensions: '.exe,.com,.bat,.cmd,.vbs,.js,.msi'.

# Resource and Role Cost Spreads Consider Rate Changes Over Time

- In earlier versions when a resource rate changed during the duration of an activity then P6 took an average rate for the resource over the activity duration which gave an incorrect cashflow,
- In this example I have created a resource that doubled its unit rate from \$20.00 per hour to \$40.00 per hour after the first week:

Resource ID	Resource Name	Resource Type
CS	Cost Spread	Labor

General	Codes	Details	Units & Prices	Roles	Notes	User Defined Fields
Shift Calendar:				Shift:	1	
Effective Date	Max Units / Time	Standard Rate				
01-Jan-22	8/d	\$20/h				
17-Jan-22	8/d	\$40/h				

# Resource and Role Cost Spreads Consider Rate Changes Over Time

- With **Linear Spread** option, which is how older versions calculated, an average rate of \$30.00 per hour is used, which is \$240.00 per day:
- With **Unit Spread** option the cash flow is calculated correctly:

Activity ID	Original Duration	Jan 10							Jan 17									
	03	hr	Fri	Sat	Sun	Mon	Tue	Wed	Thr	Fri	Sat	Sun	Mon	Tue	Wed	Thr	Fri	Sat
<b>Cost Spreads</b>		[Gantt chart showing activity A1000 from Jan 10 to Jan 17]																
A1000	10																	
▼ Display: Curr...		▼ Display: Acti...		▼ Display: Open Projects Only														
Resource ID	Activity ID	At Completion Cost	Jan 10							Jan 17								
CS	Cost S		Sun	Mon	Tue	Wed	Thr	Fri	Sat	Sun	Mon	Tue	Wed	Thr	Fri	Sat		
	A1000			\$240	\$240	\$240	\$240	\$240			\$240	\$240	\$240	\$240	\$240			
				\$240	\$240	\$240	\$240	\$240			\$240	\$240	\$240	\$240	\$240			

Activity ID	Original Duration	Jan 10							Jan 17									
	03	hr	Fri	Sat	Sun	Mon	Tue	Wed	Thr	Fri	Sat	Sun	Mon	Tue	Wed	Thr	Fri	Sat
<b>Cost Spreads</b>		[Gantt chart showing activity A1000 from Jan 10 to Jan 17]																
A1000	10																	
▼ Display: Curr...		▼ Display: Acti...		▼ Display: Open Projects Only														
Resource ID	Activity ID	At Completion Cost	Jan 10							Jan 17								
CS	Cost S		Sun	Mon	Tue	Wed	Thr	Fri	Sat	Sun	Mon	Tue	Wed	Thr	Fri	Sat		
	A1000			\$160	\$160	\$160	\$160	\$160			\$320	\$320	\$320	\$320	\$320			
				\$160	\$160	\$160	\$160	\$160			\$320	\$320	\$320	\$320	\$320			

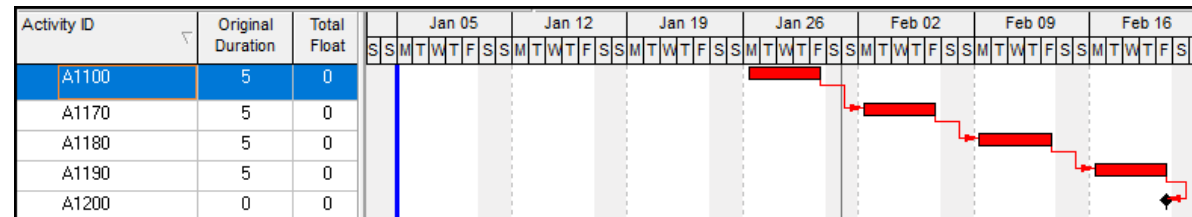
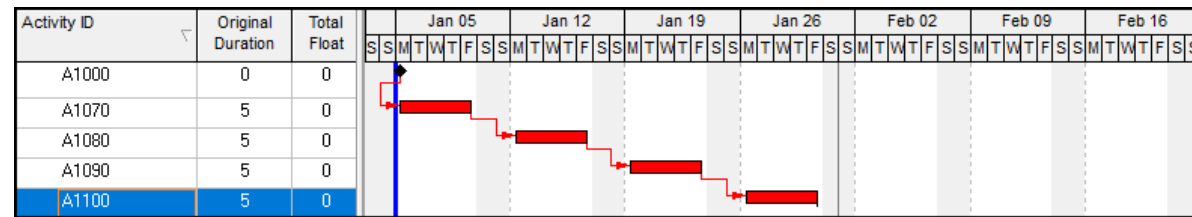
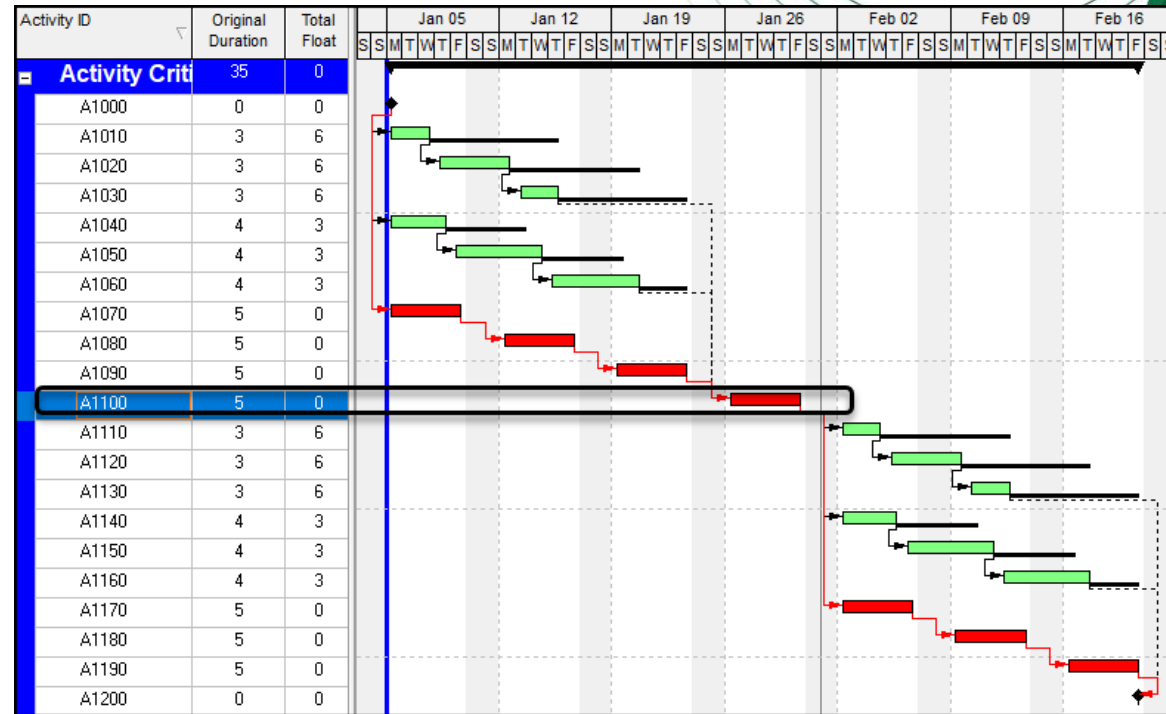




# Activity Critical Path

Activity A110 may be analysed in a number of ways,

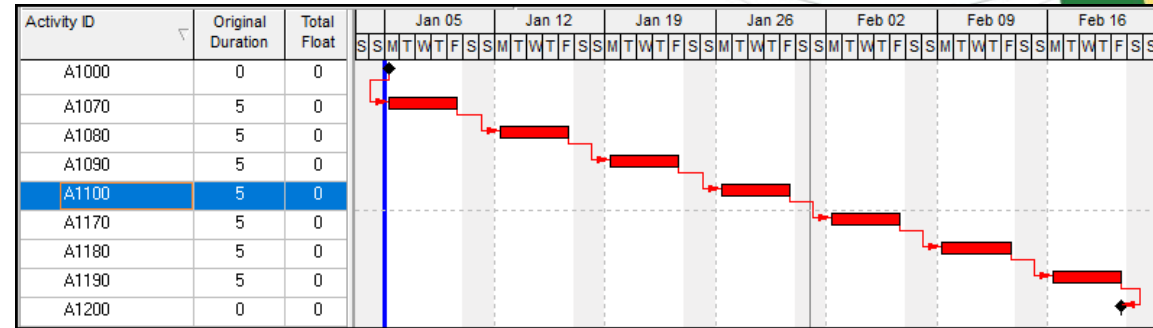
- For Example:
- Backward Activity Critical Path:
- Forward Activity Critical Path:



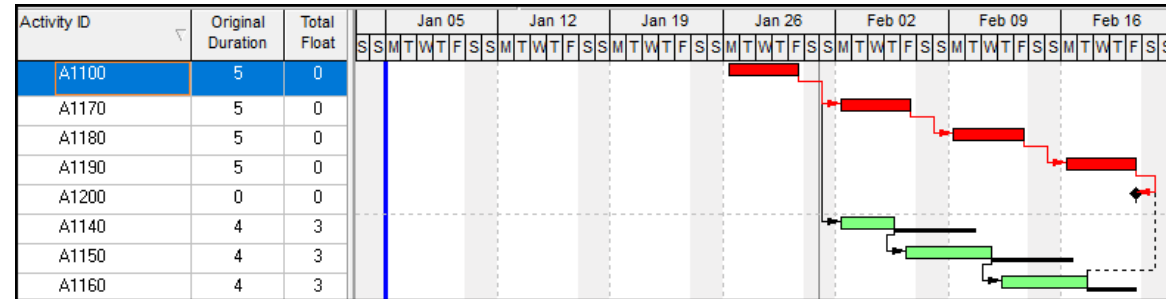


# Activity Critical Path

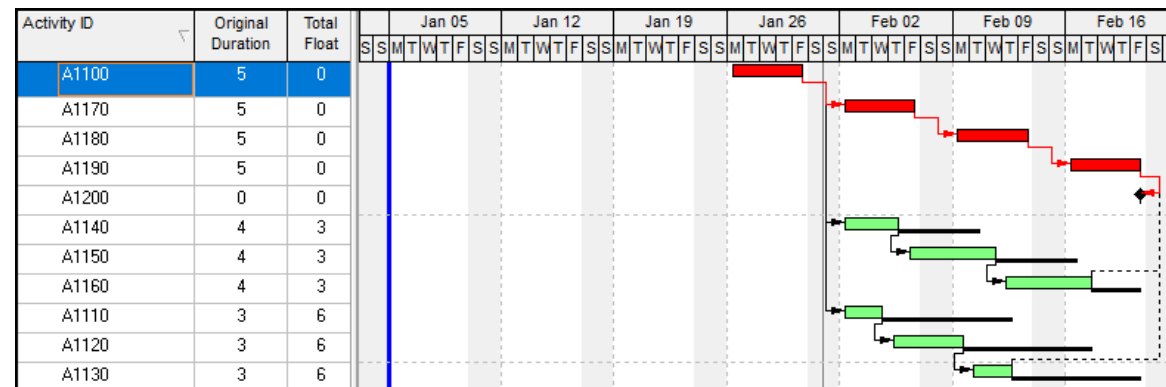
- Activity Critical Path



- Selecting two Maximum Critical Path Count:



- Selecting three Selecting three Maximum Critical Path Count:



See my paper for full details.

# Reduced Milestone Relationship Types

- P6 Version 20 and earlier supports more relationship types than Version 21.

	Start Milestone Predecessors	Start Milestone Successors	Finish Milestone Predecessors	Finish Milestone Successors
P6 Version 20 & earlier	FS and SS	FS, SF and SS	FF, FS and SF	FF and FS
P6 Version 21	FS and SS	SF and SS	FF and SF	FF and FS

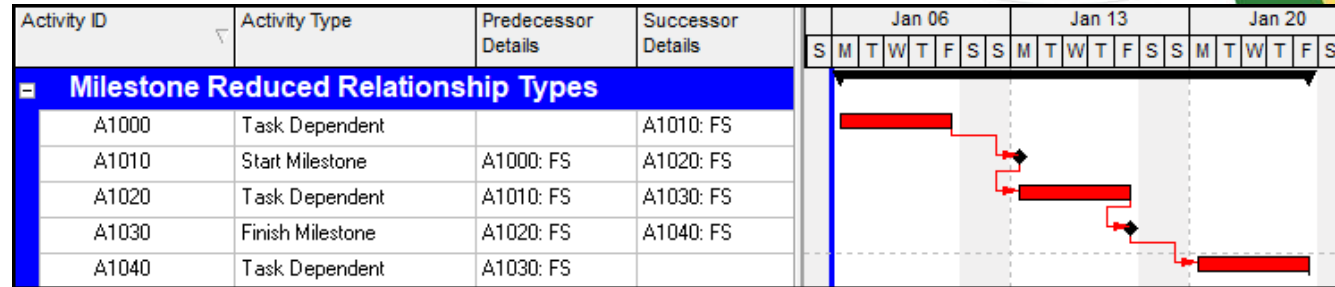
- Thus, in Version 21 **Chain Linking** does not result in all the predecessors and successors being a FS relationship and some people would say that this is no longer a critical path program,
- Projects imported into P6 Version 21 from earlier versions bring in and acknowledge the old relationship types, but these Start Milestone FS and Finish Milestone FF cannot be set in Version 21,
- If you wish to link Milestone in the traditional way enter them as tasks, add the relationships and then convert them to Milestone



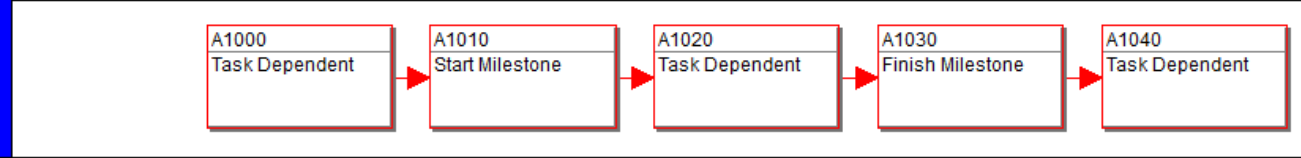


# Reduced Milestone Relationship Types

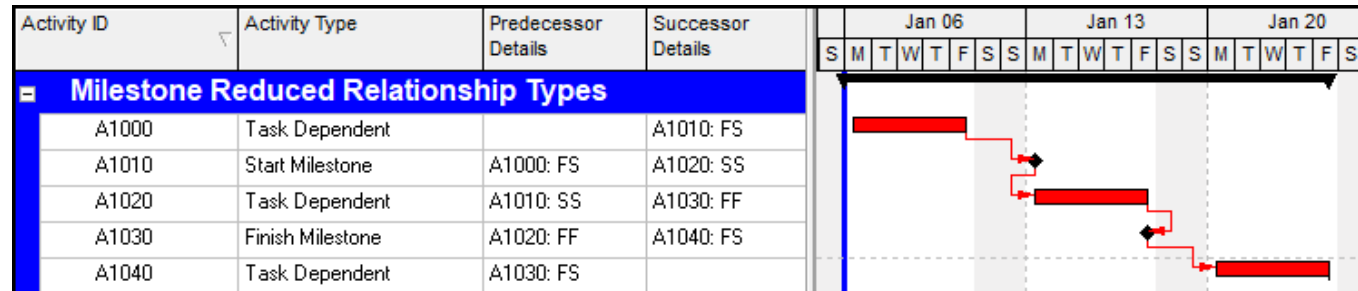
- P6 Version 20 Chain Linking,



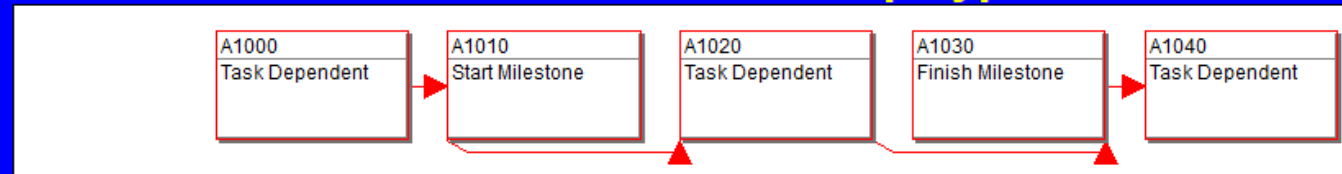
## MRRT Milestone Reduced Relationship Types



- P6 Version 21 Chain Linking.



## MRRT Milestone Reduced Relationship Types



# P6 Version 20 Enhancements



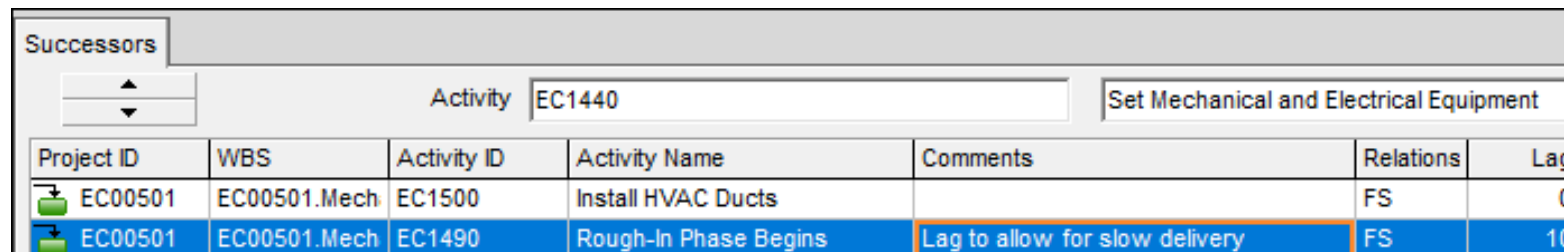
# Relationship Comments

- A Comments column may be added to the Activities window Relationships, Predecessor and Successor tabs:



Project ID	WBS	Activity ID	Comments	Activity Name
EC00501	EC00501.Mech	EC1440	Lag to allow for slow delivery	Set Mechanical and Electrical Equipment

- The comment is seen in both the Predecessor and Successor window of each relationship assigned a comment.



Project ID	WBS	Activity ID	Activity Name	Comments	Relations	Lag
EC00501	EC00501.Mech	EC1500	Install HVAC Ducts		FS	0
EC00501	EC00501.Mech	EC1490	Rough-In Phase Begins	Lag to allow for slow delivery	FS	10

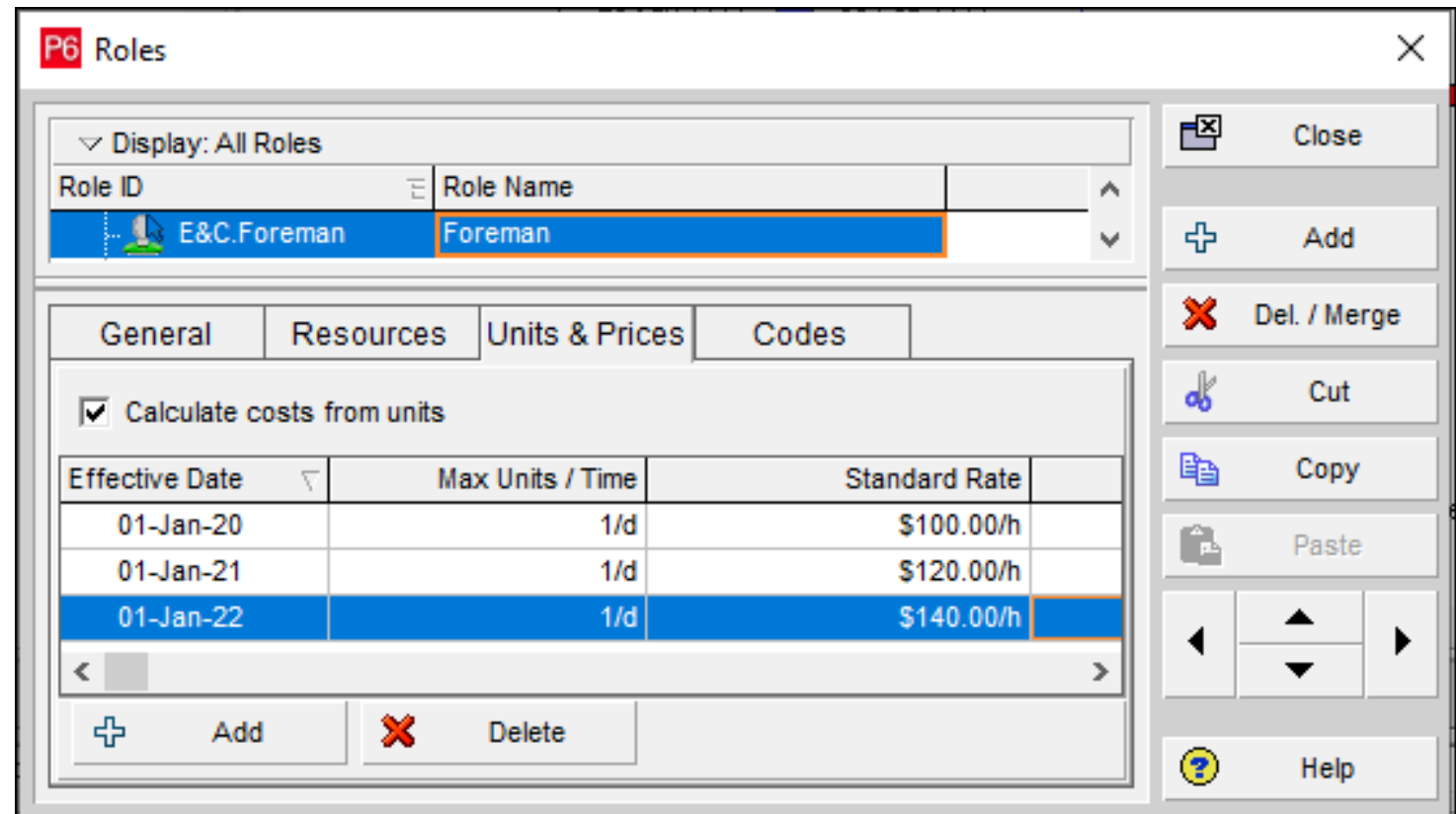
# Relationship Comments

- This is a very useful function and in the past one had to either use a Note or a UDF assigned to either the predecessor or successor activity to record notes about a relationship,
- This function is also useful for recording changes to relationships,
- The **Comments** column is available in the **Activity Relationship** report:

The screenshot displays the 'Reports' window in Primavera P6. The 'Report Group: Schedule' is expanded, showing 'AD-01 Activity Status Report' and 'AD-02 Activity Relationships'. The 'AD-02 Activity Relationships' report is selected. Below this, the 'Report Wizard' dialog is open, specifically the 'Configure Selected Subject Areas' step. The 'Selected Subject Areas' list contains 'Activity Relationships'. The 'Columns' dialog is also open, showing the 'Available Options' on the left and 'Selected Options' on the right. The 'General' option is selected in the 'Available Options' list, and the 'Comments' option is selected in the 'Selected Options' list. The 'OK' button is highlighted in the 'Columns' dialog.

# Role Rate Change Over Time

- Resources have always been able to vary their rate over time but Roles were not and this was one of the drivers to use resources and not roles,
- The picture shows a Role Rate changing over time:



The screenshot shows the 'P6 Roles' dialog box. The 'Role Name' is 'Foreman'. The 'Units & Prices' tab is active, showing a table with the following data:

Effective Date	Max Units / Time	Standard Rate
01-Jan-20	1/d	\$100.00/h
01-Jan-21	1/d	\$120.00/h
01-Jan-22	1/d	\$140.00/h

The table shows a clear upward trend in the standard rate over time. The 'Calculate costs from units' checkbox is checked. The dialog also includes buttons for 'Add', 'Delete', 'Close', 'Add', 'Del. / Merge', 'Cut', 'Copy', 'Paste', and 'Help'.

# Role Rate Change Over Time

- When an activity spans two periods then P6 calculates a proportional rate based on the activity duration in each period,
- You must use the **Recalculate Cost Assignment** function during or after rescheduling,
- The picture below show the result of assigning the Role Foreman above and has 5 days work in Dec 2020 and 5 in Jan 2021 using an average rate of \$112:

		Dec 28					Jan 04									
Sat	Sun	Mon	Tue	Wed	Thr	Fri	Sat	Sun	Mon	Tue	Wed	Thr	Fri	Sat	Sun	Mon
28-Dec-20		[Red bar from Mon Dec 28 to Fri Dec 31]					[Red bar from Mon Jan 04 to Fri Jan 08]					08-Jan-21				
							01-Jan-21									
		Dec 28					Jan 04									
Sat	Sun	Mon	Tue	Wed	Thr	Fri	Sat	Sun	Mon	Tue	Wed	Thr	Fri	Sat	Sun	Mon
		1	1	1	1	1			1	1	1	1	1			
		\$112	\$112	\$112	\$112	\$112			\$112	\$112	\$112	\$112	\$112			

# Role Rate Change Over Time

- The picture below show the result of assigning the Role Foreman 3 in Dec 2020 and 7 days in Jan 2021 now using an average rate of \$114:

		Dec 28							Jan 04									
Sat	Sun	Mon	Tue	Wed	Thr	Fri	Sat	Sun	Mon	Tue	Wed	Thr	Fri	Sat	Sun	Mon		
		29-Dec-20	[Red bar spanning from Tue Dec 29 to Mon Jan 4]															
		Dec 28							Jan 04									
Sat	Sun	Mon	Tue	Wed	Thr	Fri	Sat	Sun	Mon	Tue	Wed	Thr	Fri	Sat	Sun	Mon		
			1	1	1	1			1	1	1	1	1			1		
			\$114	\$114	\$114	\$114			\$114	\$114	\$114	\$114	\$114			\$114		

- This demonstrates how the cost are calculated which are not entirely correct as the costs should be lower in 2021 and higher in 2022,
- Note:** This is the same way that resources calculate when an Activity spans an Effective Date, but a fix is available in Version 21.



# Data Date Selection in Multiple Project Scheduling

- You now have a choice of the **Data Date** used for calculating your schedule when scheduling multiple projects.
- Version 20 added the additional option of:
  - **All Projects use their own data date** which is how earlier versions calculated, or
  - **Apply selected data date to all open projects** and all projects will have their **Data Date** changed to the selected date.

Screenshot of the 'Schedule' dialog box. The 'Project(s) to schedule' field is set to 2. The 'Data Date' options are:

- All Projects use their own data date
- Apply selected data date to all open projects (01-May-11)

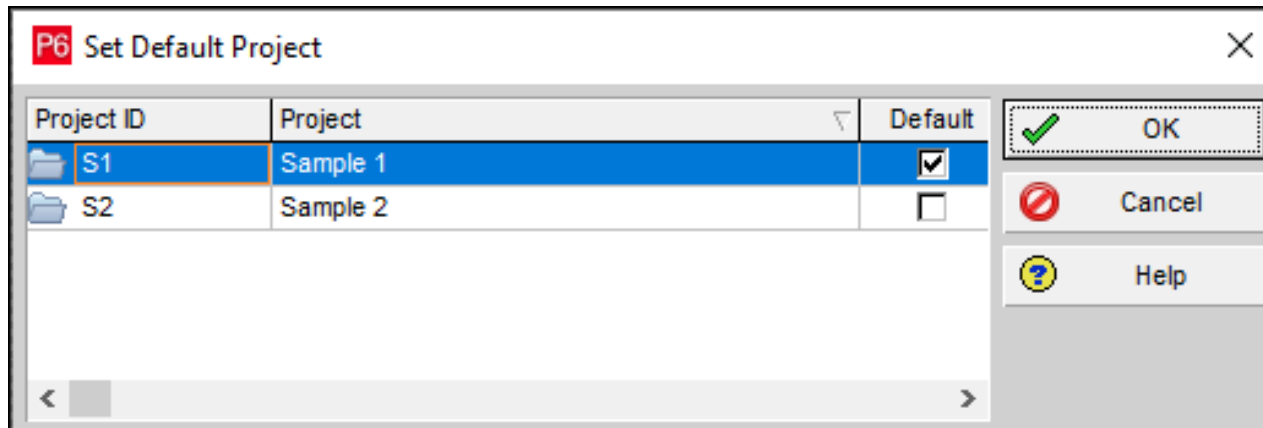
Other options include:

- Earliest Project Forecast Start Date
- Set Data Date and Planned Start to Project Forecast Start during scheduling
- Log to file (C:\Users\Primavera\Documents\SchedLog.txt)
- As Html
- Overwrite existing
- Append to existing

Buttons on the right: Cancel, Schedule, View Log, Help, Options...

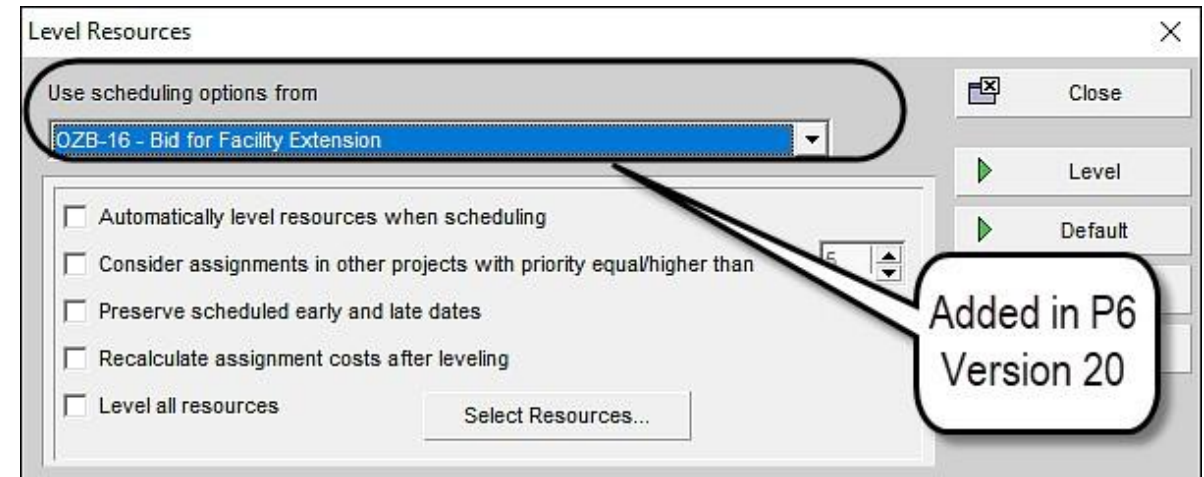
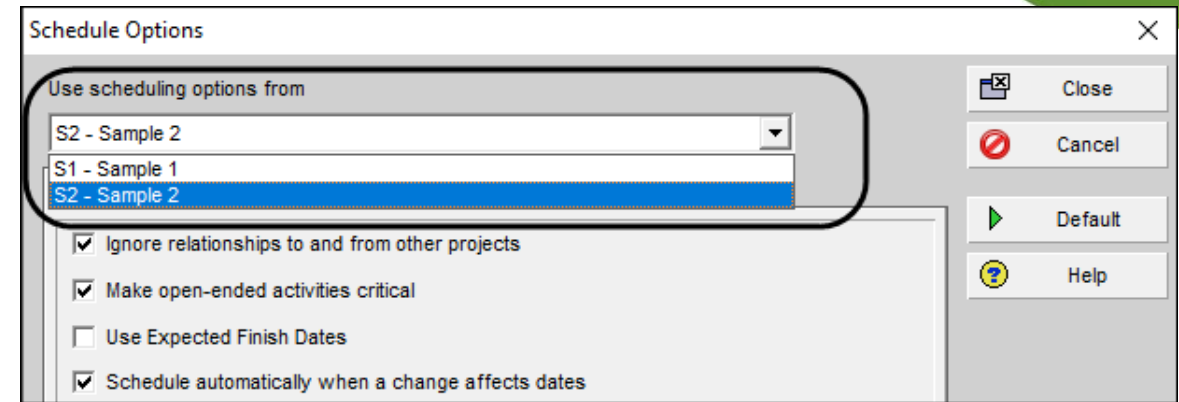
# Multiple Project Scheduling Options Selection

- In the P6 Version 19 and earlier when multiple projects were scheduled together and they had different **Scheduling Options**, which could happen when users change them from default or when you imported a project,
- Then all the different **Scheduling Options** of all the projects being scheduled were changed to the **Default Project** on a permanent basis and changed projects would calculate differently from then on.



# Multiple Project Scheduling Options Selection

- But now with Version 20 you may select which project **Scheduling Options** are used when scheduling multiple project in the **Scheduling Options** form which is opened by selecting **Tools, Schedule, Options**,
- The **Default Project** may also be selected in the **Levelling** form.



# Multiple Project Scheduling Options Selection

- The author found in Version 20, the **Default Project** selected in the **Scheduling Options** form did not change the option in the **Set Default Project** form and the **Scheduling Options** form option took priority over the **Set Default Project** form option,
- What happens now in P6 Version 20?
  - The **Default Project** set in **Project**, **Set Default Project** is ignored and not changed when the **Default Project** is changed in the **Scheduling Options, Use scheduling options** form,
  - The options from the project set in **Scheduling Options, Use scheduling options** form are used to calculate all the projects, and
  - The other project(s) **Scheduling Options** are changed permanently to the project selected the **Scheduling Options, Use scheduling options** form on a permanent basis. This is the same as when the **Default Project** was changed in earlier versions.

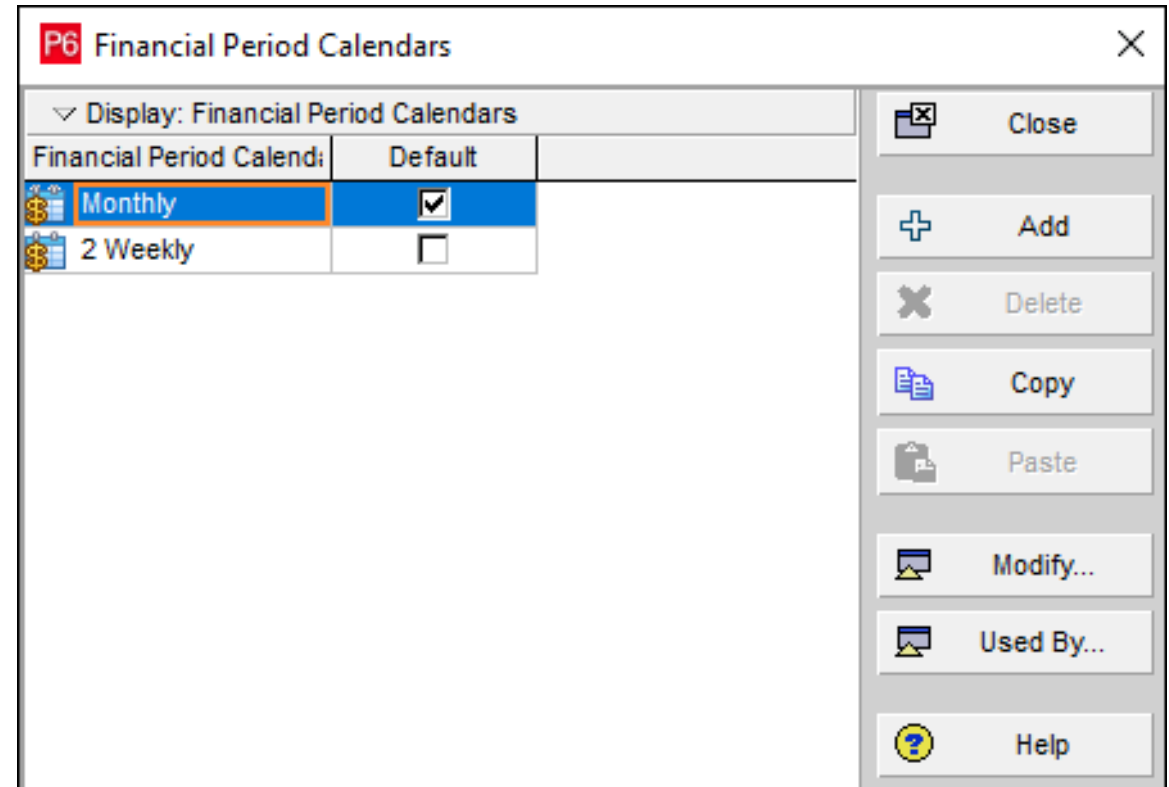
# Multiple Project Scheduling Options Selection

Thus, in Version 20:

- The **Default Project** may now be set in two places but they are not linked and the project selected in the **Scheduling Options, Use scheduling options** form takes priority over the Default Project and they may be different,
- Thus, the problem of **Scheduling Options** being changed when scheduling multiple projects has **NOT** been solved. You now have two options to mess up your **Scheduling Options** of projects when scheduling multiple projects with different options,
- Again, I reiterate you should make all the **Scheduling Options** in one database the same when you schedule multiple projects and be careful when importing projects.

# Different Projects may have different Financial Periods

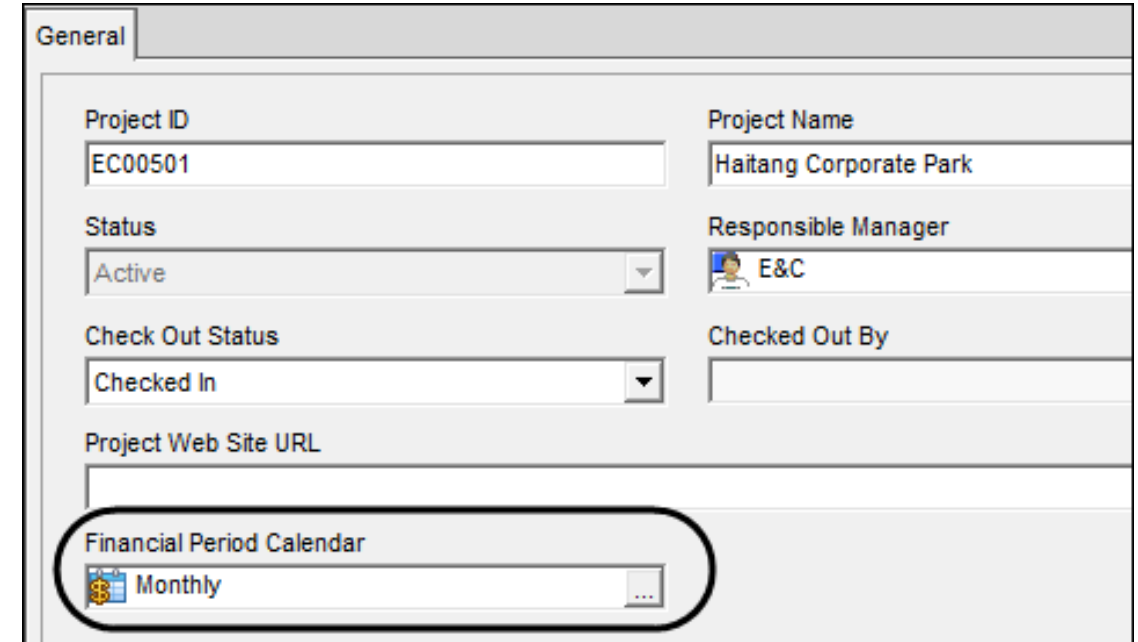
- You may now assign different Financial Period to projects in P6 Version 20 by the use of **Financial Period Calendars**,
- When you select **Admin, Financial Period Calendars** you may create multiple **Financial Period Calendars** and each may have different Financial Periods:





# Different Projects may have different Financial Periods

- The **Financial Period Calendar** is assigned to a project in:
  - The **Projects Window, General tab**, or
  - By displaying the **Financial Period Calendar** column:
- **Note:** This function did not work in the authors P6 Version 20.12.0.37740, but updates should fix this issue,
- As an interim you may change the **Default Financial Period Calendar** before creating a project.



The screenshot shows the 'General' tab of a project configuration window. The 'Project ID' is EC00501 and the 'Project Name' is Haitang Corporate Park. The 'Status' is set to 'Active', 'Check Out Status' is 'Checked In', and the 'Responsible Manager' is E&C. The 'Financial Period Calendar' dropdown menu is highlighted with a red oval and shows 'Monthly' selected.

Project ID	EC00501	Project Name	Haitang Corporate Park
Status	Active	Responsible Manager	E&C
Check Out Status	Checked In	Checked Out By	
Project Web Site URL			
Financial Period Calendar	Monthly		

# Comments

These enhancements will assist some users in some circumstances but none of these enhancements address many of the longstanding issues I have with Oracle Primavera P6 including some of the more serious ones below:

- Baseline bars displaying the Planned Dates when no baseline has been assigned,
- The way the Planned Dates and Budget fields operate, I would personally remove them from the software and only compare progress with a Baseline,
- The inability to see any individual baseline resource and expense data,
- The inability to see any late baseline data,
- Lack of date and duration formatting, each view should have its own formatting,
- The lack of project resource pools, and other sub-project functions,
- The removal of many User Preferences and make these Project Preferences.

Any Questions?

The background features several stylized human figures in a light green outline. Two figures are positioned above the text, and a larger figure is below it. The overall design is clean and modern, with a color palette of light green, dark green, and yellow.

# THANK YOU