

TECH TIP

ORACLE PRIMAVERA P6 AND MICROSOFT PROJECT DURATION ERROR IMPORTING MS PROJECT TO P6

Recently Project schedules were imported into Primavera P6 from a client. These projects were in the planning phase of the Project lifecycle and durations were still being changed on various activities. An issue came up while changing Original Durations. Even though the Original Duration was changed for the activity, the At Completion Duration / RD was not. This first was noticed when the dates on the activity did not shift and the rolled-up OD for a phase did not reflect the new OD that was just entered.

The Issue

No Durations have been changed yet in this example below. As seen in the example Activity 55 OD / At Complete Duration / RD are the same at 10d.

Activity ID		Activity Name		Activity Type	Original Duration	Remaining Duration	At Completion Duration	Start ₇	Finish	
	12	As-built drawings		Task Dependent	10d	10d	10d	13-Sep-21	24-Sep-21	
	E Construct	ion drawings				2d	17d	17-Dec-20 A	12-Jan-21	
E	JOB ORD	ER		· · · · · · · · · · · · · · · · · · ·	87d	41d	87d	02-Nov-20 A	10-Mar-21	
E	• PROCUR	EMENT			78d	29d	78d	02-Nov-20 A	25-Feb-21	
E	CONSTR	JCTION BID			36d	36d	36d	13-Jan-21	08-Mar-21	
	55	Develop and review scope of work and other bid documents		Task Dependent	10d	10d	10d	13-Jan-21	28-Jan-21	
	56	Send RFP for Construction Bid		Start Milestone	Od	Od	Od	28-Jan-21		
	57	Pre-bid meeting		Task Dependent	1d	1d	1d	11-Feb-21	12-Feb-21	
	58	Bid proposals due		Finish Milestone	Od	Od	Od		01-Mar-21	
	59	Review bid proposals		Task Dependent	5d	5d	5d	01-Mar-21	08-Mar-21	
	60	Select winning bid for Construction		Finish Milestone	Od	Od	Od		08-Mar-21	
E	CONSTRUCT	JCTION			133d	133d	133d	08-Mar-21	10-Sep-21	
E	COMMISS	SIONING			13d	13d	13d	13-Sep-21	29-Sep-21	
	CLOSE O	UT			20d	20d	20d	30-Sep-21	27-Oct-21	
Ge	eneral Status Re:	sources Codes Notebook Relationships Steps								
F				Develop and us increases of courts and other hid descenants						
	•	Activity 155	pevelup and review scope of work and other bid documents							
Duration			Statu	8						
	Original 10d			Started		21	Physical %			
	Actual Od			Finished	28-Jan-21				Suspend	
	Remaining 10d			Finish					Resume	
	At Complete dOut									
				traints						
				Primary			Secondary			
	lotal Float 15d			Filling y					Secondary	
	Free Float Od		Date	Date					Date	

These tech tips are offered free of charge in the spirit of sharing knowledge with others. They do not include technical support, should you have a problem with them. We are always interested in how they can be improved, please do not hesitate to enail us your comments. These tips have been thoroughly tested by our consultants in a variety of environments. Please read these tech tips thoroughly and be sure that you understand them before trying to use them. We can not be responsible for issues that develop because of the configuration of your hardware, technical environment or application of the tech memos. If you are not sure, then we urge you to constact Oracle technical support consultant for assistance.

DURATION ERROR IMPORTING MS PROJECT TO P6

However, after adjusting the OD to 30d we can see that Remaining Duration and At Complete Duration stayed at 10d and the dates still reflect a 10d Duration as well. Also, notice that the new 30d Duration for Activity 55 did not roll-up.

Activity ID		D	Activity Name			Activity Type	Original Duration	Remaining Duration	At Completion Duration	Start	∇ Finish			
		12 As-built drawings			Task Dependent	10d	10d	10d	13-Sep-21	24-Sep-21				
	÷	Construct	tion drawings				17d	2d	17d	17-Dec-20 A	12-Jan-21			
JOB ORDER PROCUREMENT				87d	41d	87d	02-Nov-20 A	10-Mar-21						
				78d	29d	78d	02-Nov-20 A	25-Feb-21						
0	CONSTRUCTION BID				🕨 36d	36d	36d	13-Jan-21	08-Mar-21					
		55	Develop and review sco	pe of work and other bid	documents	Task Dependent	30d	10d	10d	13-Jan-21	28-Jan-21			
		56	Send RFP for Construction	on Bid		Start Milestone	Od	Od	Od	28-Jan-21				
		57	Pre-bid meeting			Task Dependent	1d	1d	1d	11-Feb-21	12-Feb-21			
		58	Bid proposals due			Finish Milestone	Od	Od	Od		01-Mar-21			
		59	Review bid proposals			Task Dependent	5d	5d	5d	01-Mar-21	08-Mar-21			
		60	Select winning bid for Construction			Finish Milestone	Od	Od	Od		08-Mar-21			
C	Ð 1	CONSTR	UCTION				133d	133d	133d	08-Mar-21	10-Sep-21			
(13d	13d	13d	13-Sep-21	29-Sep-21			
_ (20d	20d	20d	30-Sep-21	27-Oct-21			
G	eneral	I Status Re	sources Codes Notebo	ook Relationships Steps	5									
Activity 55			Develop and review score of work and other bid documents											
	Durati	ion				Status								
	Orig	Original 30d		30d	Started		-21		Physical %					
	Actual		0d			Finished		-21		Suspend	Suspend			
										Recurs				
At Complete		naining	1	100		exprinish				rtesune				
			🗾 10d											
			15d			Constraints								
	Totel Float 15d Free Float Od				15d	Primary		< None >				Secondary		
			Od	Date				Date						

Solution

When importing Projects from MS Project to Primavera P6 default Project calculations may not be the same and issues like the one above can arise. To solve this particular issue navigate to Projects -> Project Details -> Calculations Tab. Once they are under the Activities section there is a checkbox named "Link Budget and At Completion for not started activities", mark the checkbox. (Side note: Ensure the Project that you would like to change this Project Calculation on is OPEN or else this checkbox will be greyed out)

General Notebook Budget Log Spending Plan Budget Summary Dates Funding Codes Defaults Resources Settings Calculations									
Activities									
Default Price / Unit for activities without \$0.00/d resource or role Price / Units									
C Activity percent complete based on activity steps									
ink Budget and At Completion for not started activities									
Reset Original Duration and Units to Remaining									
C Reset Remaining Duration and Units to Original									



Note that Oracle defines this Project Calculation as: "When this option is checked, Budgeted or Planned, Remaining, and At Completion values are set to equal for not started activities. If you want to baseline or hold constant, the Budgeted or Planned values in your project plan while recording updates to Remaining or At Completion values, unmark the checkbox to turn off this option. When this option is off, Budgeted or Planned values for a Not Started activity are retained when you update its Remaining or At Completion values."

At first glance, this Project Calculation may seem like it is just for budget purposes, but as defined above it does much more than that. This option is checked by default for Projects in Primavera P6, however it may be unchecked when importing a project from MS Project into P6.

Activity ID		ID	Activity Name		Activity Type		Original Duration	Remaining Duration	At Completion Duration	Start	Finish	
		12	As-built drawings			Task Dependent	10d	10d	10d	13-Sep-21	24-Sep-21	
	Construction drawings				17d	2d	17d	17-Dec-20 A	12-Jan-21			
	■ JOB ORDER					87d	41 d	87d	02-Nov-20 A	10-Mar-21		
	PROCUREMENT							29d	78d	02-Nov-20 A	25-Feb-21	
E	CONSTRUCTION BID						36d	36d	36d	13-Jan-21	08-Mar-21	
	55 Develop and review scope of work and other bid documents 56 Send RFP for Construction Bid 57 Pre-bid meeting 58 Bid proposals due				Task Dependent	30d	30d	30d	13-Jan-21	26-Feb-21		
				Start Milestone		Od	Od	Od	28-Jan-21			
					Task Dependent	1d	1d	1d	11-Feb-21	12-Feb-21		
					Finish Milestone	Od	Od	Od		01-Mar-21		
	59 Review bid proposals				Task Dependent	5d	5d	5d	01-Mar-21	08-Mar-21		
		60	Select winning bid for Constr	ruction		Finish Milestone	Od	Od	Od		08-Mar-21	
		CONST	RUCTION				133d	133d	133d	08-Mar-21	10-Sep-21	
		COMMI	SSIONING				13d	13d	13d	13-Sep-21	29-Sep-21	
		CLOSE					20d	20d	20d	30-Sep-21	27-Oct-21	
Ge	nera	al Status Resources Codes Notebook Relationships Steps Activity S5			Develop and review scope of work and other bid documents							
C	Duration			Status								
	Ori	iginal	30d 0d			itarted	13-Jan-	21			Physical %	
	Act	tual			E F	inished	26-Feb	b-21			Suspend	
	Rei	Remaining		30d		Exp Finish						
	At	Complete	30d									
						Constraints						
	Tot	Total Float 15d		15d	Primary			>	Secondary Date			
	Free Float Od		Date									

As shown in the example above due to the Project Calculation check box being marked Original Duration is now linked to Remaining and At Complete Duration for all activities not started.

