

## TECH TIP

## Error Troubleshooting Importing MS Project Schedules to P6 Primavera P6

A recent client required several hundred Microsoft Project schedules to be migrated to Primavera P6. At face value, this is a "Save As XML" in MS Project and "Import Microsoft XML" from P6 operation. However, during the testing, several projects errored out and would not load.

We identified 7 potential problems that needed to be resolved in the MS Project schedule before it will load successfully in P6.

1. Inactive Tasks

In MS Project, a task can be marked as "inactive" which tells the scheduling tool to ignore it. Although not necessarily a problem during the load, several of the other 6 issues identified were only found in the Inactive Tasks. P6 does not recognize an activity as "inactive" and will treat it as a live activity, reactivating any links or constraints it has assigned.

	<b>→</b>	Gantt Cl	nart Tools	1013543.mpp - Project Sta							
ile	Task Resource Report P	roject View	v Help	Format		Q Tell me what you want to do					
antt antt -	Task Res	eet * Resource	Sort Outline		Tables	Days					
	Task Name 🗸	Start 👻	Finish	% omplet 🗸	Duration 👻	Fixed Cost 👻	Total Cost 👻	Earned Value 👻	Plan		
	▲ Active: No			0%	0d				1		
251	Storm Water Permit (for GMP 1)	1hu 1/15/15	Thu 1/15/15	100%	0-days	\$17,000	\$17,000	\$0	1		
252	TPWD Sand, Gravel and Marl Permit	Tue 2/10/15	Tue 6/30/15	100%	100 days	\$0	<b>\$</b> 0	\$0	2		
575	CO#8 Rehab & Repair LCR Dam Co	Wed 10/31/18	Tue 4/30/19	0%	424 days	\$0	<b>S</b> 0	<u>\$0</u>	1		
768	Lane City Dam Geotechnical Inves	Mon 9/19/16	Tue 1/31/17	0%	91 days	\$0	\$0	\$0	- 5		
771	PJ Construction Water WO# 41136	Fri 9/1/17	Fri 10/13/17	0%	30-days	\$0	<del>\$0</del>	\$0	-5		
909	WO Java Error Message Canceled	Wed 1/2/13	Wed 1/2/13	0%	1 day?	\$0	<del>\$0</del>	\$0	-		
	Active: Yes	Tue 1/1/13	Fri 6/24/22	75%	2390d	\$252,190,117	\$260,000,000	\$242,849,442	\$25		
2	Land Acquisition	Wed 1/2/13	Fri 10/4/13	100%	1 day	\$0	\$0	\$0	3		
3	Land Acquisition (for work order in	Wed 1/2/13	Wed 3/27/13	100%	60 days	\$549,190	\$549,190	\$549,190			
4	Acquire Tracts 1-8	Mon 1/14/13	Thu 7/11/13	100%	126 days		\$0	S0			

Use "Group By:" in MS Project to identify and delete the tasks. You may have to do this multiple times, as MS Project does not necessarily delete them all on the first try.

2. Project Start Date in Project Information is newer than Start date for the first Task.



To determine if this is an issue, check the Start Date under File / Info against the Start field in the Gantt Chart view. Adjust either the Project Information Start Date or the activities that start before that date.

3. Tasks Missing Baseline Values

Add the Baseline Start column to the Gantt Chart view and check to see if any of them have a value of NA.

Rebaseline those specific activities with roll up to Summary levels where the Summary Tasks are missing dates, too.

l		o• ∂• ∓					Gantt Ch	hart 1a
		Task Resourc	e Report	Project	View	Help	For	mat
Ga	antt art - U	Task Isage - Task Views Task Views		Resource Sheet *	Resource Other View	ews *	Z Sor	
		Task Name		G Baseli	ne Starl 🗸	) Star	t 👻	1
	0	▲ Gallop Cc  ♣ ⊥	Sort Earliest to	Lates	$\sim$	Mon 12	2/31/12	Fø
	1	A SITE ACC	Sort Latest to	Earline		Mon 12	2/31/12	Wes
	2	Land, A+	50 rt Latest to	Lannest	Mon 12	/31/12	E.	
	3	Land	Group by	/	Wed 1	/2/13	W	
	4	Acqui	No Group	/		Mon 1/	14/13	1
	5	Close	Clear Filter fr	m Baseline :	and a second	Fri 5/	10/13	R
	6	Close		om baseline :	start	Mon 6	/3/13	FP
	7	Closin	Filters		•	Fri 6/2	28/13	
	8	Legal:	(Select	AID	^	Wed 5	/15/13	Fri
	9	Revier				Wed 5	/15/13	FR
	10	Unitize	2013			Tue 7	/2/13	Weg
	11		🛓 🗹 Jan	uary		Wed 1	1/2/13	Б
	12	⊳ Galloj WO			Mon (	5/3/13	Mo	
2	16	SITE I		14		Fri 2	1/13	Tug
(GAD	189	ENVIE PERM	Feb			Wed 1	1/2/13	Tu.
MUNIHLY UPDAIE	263	ENVIE PERM	⊡ - 🗹 Api	ril		Wed 1	1/2/13	Tu
5	287	> OPER	⊡-⊡ Ma	-		Fri 2	1/13	
Σ	308	ENGIN				Wed 1	/2/13	wj
	504	> CONS			~	Wed 1	/2/13	R
	772	PROJ PROC	<u></u>		ancel	Wedf	1/2/13	Y
	773	⊳ PN				Wed 1	1/2/13	V.
	777	LCRA B Reques	oard And Phas	se 2 Tue 8/1		Tue 8	/13/13	wg
	782	D_Project	Management	- Fri 2/1/	3	Fri 2	1/13	M



Resources with Tasks Missing Baseline Values

Add the Baseline Start field to the Resource Usage view to check for missing baseline values.

Rebaseline the impacted activities.



Resources of Type Material with zero Cost / Unit

If a Material type Resource is assigned to a Task at zero (0) Units and Cost it will cause an error. To check this, identify the Material Resources with a Standard Rate of \$0.

File	Task	Resource	Report	Projec	t View	Help	Format	Ŷ	) Tell me what	you want t	o do		
antt art - U:	Task	🗈 Network Diagr 📰 Calendar 🔹 🖬 Other Views •	am ₹	Resource Sheet *		-	Z↓	ne Tables	✓ Highlight: ▼ Filter: Group by:	[No Filter]	• Da	nescale: ays	
	Ta	isk Views			Resource Vie	ws			Data				
	0	Resource Name	- <b>v</b> -	Гуре 🍸	Material	<ul> <li>Initials</li> </ul>	▼ Group ▼	Max.	Std. Rate 🔻 🕻	t. Rate 🔻	Cost/Use 🔻	Accrue 👻	E
46		G&A	N	/laterial		G&A			\$0		\$0	Prorated	
48		CAPI	N	Naterial		CAPI			\$1		\$0	Prorated	

Either remove the assignments to this Resource or provide a Standard Rate.



## Resources of Type Cost with zero Cost / Unit

A Cost Resource Type in MS Project is the equivalent of an Expense in P6. But P6 does not know how to interpret Cost Resources Types. These will need to be removed to successfully load the project into P6.



4. Summary Tasks of Length Zero (0)

In a couple of cases, the Summary Task only contained milestone activities. This resulted in the Summary Task having a zero (0) length. P6, when trying to create the matching WBS, would not allow it.

	) +				Gantt C	hart Tools				1
File	Task Resource Repo	t Projec	t View	Help	Fo	rmat	Q	Tell r	ne what you	want to
Gantt	Paste	Calibri B I U	- 11			<sup>75×</sup> 100×			Track 👻	Manua
Chart ▼ View	Clipboard	Fo	ont	L2		Schee	dule			Schedu
	Task Name		eline Start 👻	Start	*	Finish	<b>v</b> 0	% mplet	Duration 👻	Fixed
913		Fri 6	/28/13	Fri 2/26	/21	Fri 2/26	21	0%	0 days	
914	Project Complete		Fri 12/28/18		Fri 2/26/21		21	0%	0 days	/
915	915 D Construction Risk		11/16/15	Wed 1/	Wed 1/2/13		0/20	95%	1825 days	
A .977	Addor (G&A)	n Tue	1/1/13	"Tue 1/1	/13	_Tue 6/30	1/20	0%~~~	days	

Include a task of at least 1 day to correct the issue.

