

MPX data mappings for P6 Professional and Microsoft Project

The following tables describe the data exchange mapping between P6 Professional and Microsoft Project. Although the data mapping between both products is as close as possible for the purpose of import/export, P6 Professional was not designed to be another Microsoft Project. Therefore, some information may be lost when importing and exporting. The first section describes the mappings when a project is exported from P6 Professional. The second section describes the mappings when an MPX file is imported into P6 Professional.

Important! Due to slight variations in how P6 Professional and Microsoft Project calculate units and costs, values for units and costs may not be identical when exchanging data between P6 Professional and Microsoft Project.

For more information about MPX files, refer to article #270139 at <http://support.microsoft.com>.

DATA MAPPINGS DURING P6 PROFESSIONAL EXPORT

File Creation – no Record number
MPX, Primavera Systems, 4.0, ANSI

Currency Settings – Record 10			
P6 Professional Field	P6 Professional Table Field	P6 Professional Table	MPX Field
Currency Symbol	curr_symbol	CURRTYPE	Currency Symbol
Positive Currency Format	pos_curr_fmt_type	CURRTYPE	Symbol Position (0 = after, 1 = before, 2 = after with a space, 3 = before with a space)
Number of Decimal Places	decimal_digit_cnt	CURRTYPE	Currency Digits (0,1,2)
Digit Grouping Symbol	digit_group_symbol	CURRTYPE	Thousands Separator
Decimal Symbol	decimal_symbol	CURRTYPE	Decimal Separator

- The currency settings exported are based on the currency selected in the User Preferences, Currency tab in P6 Professional.

Default Settings – Record 11			
P6 Professional Field	P6 Professional Table Field	P6 Professional Table	MPX Field
Durations Format Unit of Time	defaults to 1	USERDATA	Default Duration Units (0 = minutes, 1 = hours, 2 = days, 3 = weeks)
Default Duration Type	def_duration_type	PROJECT	Default Duration Type (0 = not fixed, 1 = fixed)
Units Format Unit of Time	defaults to 1	USERDATA	Default Work Units (0 = minutes, 1 = hours, 2 = days, 3 = weeks)
Work Hours Per Day	day_hr_cnt	PREFER	Default Hours/Day
Work Hours Per Week	week_hr_cnt	PREFER	Default Hours/Week
n/a	defaults to empty string	n/a	Default Standard Rate
n/a	defaults to empty string	n/a	Default Overtime Rate
n/a	defaults to 0	n/a	Updating Task Status Updates Resource Status (0 = no, 1 = yes)
n/a	defaults to 0	n/a	Split In-Progress Tasks (0 = no, 1 = yes)

Date and Time Settings – Record 12			
P6 Professional Field	P6 Professional Table Field	P6 Professional Table	MPX Field
Date Format (in User Preferences)	user_data	USERDATA	Date Order (0 = month/day/year, 1 = day/month/year, 2 = year/month/day)
n/a	defaults to 1	n/a	Time Format (0 = 12 hour, 1 = 24 hour)
n/a	defaults to empty string	n/a	Default Time (number of minutes after midnight)

Date and Time Settings – Record 12 (continued)			
P6 Professional Field	P6 Professional Table Field	P6 Professional Table	MPX Field
Date Separator	user_data	USERDATA	Date Separator
n/a	defaults to current regional setting	n/a	Time Separator
n/a	defaults to current regional setting	n/a	0:00 to 11:59 Text
n/a	defaults to current regional setting	n/a	12:00 to 23:59 Text
n/a	defaults to empty string	n/a	Date Format (0 - 20)
n/a	defaults to empty string	n/a	Bar Text Date Format (0 -194)

Base Calendar Definition – Record 20			
P6 Professional Field	P6 Professional Table Field	P6 Professional Table	MPX Field
n/a	defaults to "Standard"	n/a	Name
Calendar Data	clndr_data	CALENDAR	Sunday (0 = nonworking, 1 = working)
Calendar Data	clndr_data	CALENDAR	Monday
Calendar Data	clndr_data	CALENDAR	Tuesday
Calendar Data	clndr_data	CALENDAR	Wednesday
Calendar Data	clndr_data	CALENDAR	Thursday
Calendar Data	clndr_data	CALENDAR	Friday
Calendar Data	clndr_data	CALENDAR	Saturday

Base Calendar Hours – Record 25			
P6 Professional Field	P6 Professional Table Field	P6 Professional Table	MPX Field
n/a	number between 1-7	n/a	Day of the Week (1 - 7, where 1 = Sunday and 7 = Saturday)
Calendar Data	clndr_data	CALENDAR	From Time 1
Calendar Data	clndr_data	CALENDAR	To Time 1
Calendar Data	clndr_data	CALENDAR	From Time 2
Calendar Data	clndr_data	CALENDAR	To Time 2
Calendar Data	clndr_data	CALENDAR	From Time 3
Calendar Data	clndr_data	CALENDAR	To Time 3

Base Calendar Exception – Record 26			
P6 Professional Field	P6 Professional Table Field	P6 Professional Table	MPX Field
Calendar Data	clndr_data	CALENDAR	From Date
Calendar Data	clndr_data	CALENDAR	To Date
Calendar Data	clndr_data	CALENDAR	Nonworking/Working (0 = nonworking, 1 = working)
Calendar Data	clndr_data	CALENDAR	From Time 1
Calendar Data	clndr_data	CALENDAR	To Time 1
Calendar Data	clndr_data	CALENDAR	From Time 2
Calendar Data	clndr_data	CALENDAR	To Time 2
Calendar Data	clndr_data	CALENDAR	From Time 3
Calendar Data	clndr_data	CALENDAR	To Time 3

Project Header – Record 30			
P6 Professional Field	P6 Professional Table Field	P6 Professional Table	MPX Field
Project Name/WBS Name	wbs_name	PROJWBS	Project tab
n/a	defaults to empty string	n/a	Company
User Defined Field Title	User Defined Field*	UDFVALUE	Manager
The default project calendar is exported.	defaults to "Standard"	n/a	Calendar (Standard used if no entry)
Data Date	data_date	PROJECT	Start Date (either this field or the Finish Date field is calculated for an imported file, depending on the Schedule From setting)
Must Finish By	plan_end_date	PROJECT	Finish Date**
n/a	defaults to 0	n/a	Schedule From (0 = start, 1 = finish)
n/a	calculated by MSP (defaults to empty string)	n/a	Current Date**
Notebook Description	wbs_memo	WBSMEMO	Comments
n/a	calculated by MSP (defaults to empty string)	n/a	Cost**

Project Header – Record 30 (continued)			
P6 Professional Field	P6 Professional Table Field	P6 Professional Table	MPX Field
n/a	calculated by MSP (defaults to empty string)	n/a	Baseline Cost**
n/a	calculated by MSP (defaults to empty string)	n/a	Actual Cost**
n/a	calculated by MSP (defaults to empty string)	n/a	Work**
n/a	calculated by MSP (defaults to empty string)	n/a	Baseline Work**
n/a	calculated by MSP (defaults to empty string)	n/a	Actual Work**
n/a	calculated by MSP (defaults to empty string)	n/a	Work**
n/a	calculated by MSP (defaults to empty string)	n/a	Duration**
n/a	calculated by MSP (defaults to empty string)	n/a	Baseline Duration**
n/a	calculated by MSP (defaults to empty string)	n/a	Actual Duration**
n/a	calculated by MSP (defaults to empty string)	n/a	Percent Complete**
n/a	calculated by MSP (defaults to empty string)	n/a	Baseline Start**
n/a	calculated by MSP (defaults to empty string)	n/a	Baseline Finish**
n/a	calculated by MSP (defaults to empty string)	n/a	Actual Start**
n/a	calculated by MSP (defaults to empty string)	n/a	Actual Finish**
n/a	calculated by MSP (defaults to empty string)	n/a	Start Variance**

Project Header – Record 30 (continued)			
P6 Professional Field	P6 Professional Table Field	P6 Professional Table	MPX Field
n/a	calculated by MSP (defaults to empty string)	n/a	Finish Variance**
User Defined Field Title	User Defined Field*	UDFVALUE	Subject
User Defined Field Title	User Defined Field*	UDFVALUE	Keywords

Numeric Resource Table Definition – Record 41
40,49,1,2,41,42,43,3,5,6,7,8,9,11

- This record defines the fields exchanged for resources. Refer to record 50 for the list of data exchanged.

Resource – Record 50				
P6 Professional Field	P6 Professional Table Field	P6 Professional Table	MPX Field	MPX Field ID
n/a	auto incremented value	n/a	ID	40
n/a	auto incremented value	n/a	Unique ID	49
Resource Name	rsrc_name	RSRC	Name	1
Resource ID	rsrc_short_name	RSRC	Initials	2
Max Units/Time	max_qty_per_hr	RSRC	Max Units	41
Price/Unit	cost_per_qty	RSRC	Standard Rate	42
Price/Unit*Overtime Factor	cost_per_qty*ot_factor	RSRC	Overtime Rate	43
Resource Name (of parent)	rsrc_name (of parent)	RSRC	Group	3
User Defined Field Title	User defined field*	UDFVALUE	Text1 - Text5	5 - 9
E-Mail Address	email_addr	RSRC	Email Address	11

Resource Notes – Record 51		
P6 Professional Field	P6 Professional Table Field	P6 Professional Table
Resource Notes	rsrc_notes	RSRC

Resource Calendar Definition – Record 55			
P6 Professional Field	P6 Professional Table Field	P6 Professional Table	MPX Field
Resource Name	rsrc_name	RSRC	Name
Calendar Data	clndr_data	CALENDAR	Sunday (0 = nonworking, 1 = working)
Calendar Data	clndr_data	CALENDAR	Monday
Calendar Data	clndr_data	CALENDAR	Tuesday
Calendar Data	clndr_data	CALENDAR	Wednesday
Calendar Data	clndr_data	CALENDAR	Thursday
Calendar Data	clndr_data	CALENDAR	Friday
Calendar Data	clndr_data	CALENDAR	Saturday

Resource Calendar Hours – Record 56			
P6 Professional Field	P6 Professional Table Field	P6 Professional Table	MPX Field
n/a	number between 1-7	n/a	Day of the Week (1 - 7, where 1 = Sunday and 7 = Saturday)
Calendar Data	clndr_data	CALENDAR	From Time 1
Calendar Data	clndr_data	CALENDAR	To Time 1
Calendar Data	clndr_data	CALENDAR	From Time 2
Calendar Data	clndr_data	CALENDAR	To Time 2
Calendar Data	clndr_data	CALENDAR	From Time 3
Calendar Data	clndr_data	CALENDAR	To Time 3

Resource Calendar Exception – Record 57			
P6 Professional Field	P6 Professional Table Field	P6 Professional Table	MPX Field
Calendar Data	clndr_data	CALENDAR	From Date
Calendar Data	clndr_data	CALENDAR	To Date
Calendar Data	clndr_data	CALENDAR	Nonworking/Working (0 = nonworking, 1 = working)
Calendar Data	clndr_data	CALENDAR	From Time 1
Calendar Data	clndr_data	CALENDAR	To Time 1
Calendar Data	clndr_data	CALENDAR	From Time 2
Calendar Data	clndr_data	CALENDAR	To Time 2
Calendar Data	clndr_data	CALENDAR	From Time 3
Calendar Data	clndr_data	CALENDAR	To Time 3

Numeric Task Table Definition – Record 61

90,98,1,2,3,91,68,95,81,120,84,40,41,42,43,80,70,50,51,52,53,54,55,92,93,94,44,56,57,58,59,20,21,22,30,35,31,32,33,4,5,6,7,8,9,10,11,12,13,36,37,38,46,47,48,60,62,64,126,128,61,63,65,127,129,110,111,112,113,114,115,116,117,118,119,140,141,142,143,144

- This record defines the fields exchanged for tasks. Refer to record 70 for the list of data exchanged.

Task – Record 70

P6 Professional Field	P6 Professional Table Field	P6 Professional Table	MPX Field	MPX Field ID
n/a	auto incremented value	n/a	ID	90
Unique ID	auto incremented value	TASK	Unique ID	98
Activity Name	task_name	TASK	Name	1
WBS Code***	wbs_short_name	PROJWBS	WBS	2
n/a	calculated on export	n/a	Outline Level	3
Primary Constraint	cstr_type	TASK	Constraint Type	91
<u>P6 Professional Field</u>			<u>MPX Field</u>	
As late as possible			As late as possible	
Finish on			Must finish on	
Finish on or after			Finish no earlier than	
Finish on or before			Finish no later than	
Mandatory finish			Must finish on	
Mandatory start			Must start on	
Start on			Must start on	
Start on or after			Start no earlier than	
Start on or before			Start no later than	
Activities without constraints			As soon as possible	
Primary Constraint Date	cstr_date	TASK	Constraint Date	68
Activity Leveling Priority	priority_type	TASK	Priority	95
<u>P6 Professional Field</u>			<u>MPX Field</u>	
5-Lowest (exports as 100)			Lowest (0-199)	
4-Low (exports as 300)			Lower (300-399)	
3-Normal (exports as 500)			Medium (500-599)	
2-High (exports as 700)			Higher (700-799)	
1-Top (exports as 900)			Highest (900-999)	
Activity Type	task_type	TASK	Milestone=Yes All other types=No	81

Task – Record 70 (continued)				
P6 Professional Field	P6 Professional Table Field	P6 Professional Table	MPX Field	MPX Field ID
n/a	Yes=WBS levels No=Activity Tasks	n/a	Summary	120
n/a	Yes=WBS levels No=Activity Tasks	n/a	Rollup	84
At Completion Duration	total_drtn_hr_cnt	TASK	Duration	40
Original/Planned Duration	target_drtn_hr_cnt	TASK	Baseline Duration	41
Actual Duration	act_drtn_hr_cnt	TASK	Actual Duration	42
Remaining Duration	remain_drtn_hr_cnt	TASK	Remaining Duration	43
Duration Type	duration_type	TASK	Fixed	80
Fixed=Yes Fixed Duration and Units Fixed Duration and Units/Time		Fixed=No Fixed Units Fixed Units/Time		
Predecessors	n/a	TASKPRED	Predecessors	70
Start	start_date	TASK	Start	50
Finish	end_date	TASK	Finish	51
Early Start	early_start_date	TASK	Early Start**	52
Early Finish	early_end_date	TASK	Early Finish**	53
Late Start	late_start_date	TASK	Late Start**	54
Late Finish	late_end_date	TASK	Late Finish**	55
n/a	defaults to 0	n/a	Delay	92
Free Float	free_float_hr_cnt	TASK	Free Slack**	93
Total Float	total_float_hr_cnt	TASK	Total Slack**	94
Duration % Complete	drtn_complete_pct	TASK	% Complete**	44
Planned Start	target_start_date	TASK	Baseline Start	56
Planned Finish	target_end_date	TASK	Baseline Finish	57
Actual Start	act_start_date	TASK	Actual Start	58
Actual Finish	act_end_date	TASK	Actual Finish	59
At Completion Labor Units	total_work_qty	TASK	Work	20
Budgeted/Planned Labor Units	target_work_qty	TASK	Baseline Work	21
Actual Labor Units	act_work_qty	TASK	Actual Work	22
Estimate At Completion Cost (actual cost + estimate to complete cost)	EAC	TASK	Cost	30

Task – Record 70 (continued)				
P6 Professional Field	P6 Professional Table Field	P6 Professional Table	MPX Field	MPX Field ID
At Completion Expense Cost	total_expense_cost	TASK	Fixed Cost	35
Budget At Completion (budgeted/planned labor, nonlabor, and expense cost)	BAC	TASK	Baseline Cost	31
Actual Cost (actual labor, nonlabor, and expense cost)	ACWP	TASK	Actual Cost	32
Estimate To Complete (Remaining labor, nonlabor, and expense cost)	ETC	TASK	Remaining Cost	33
User Defined Field Title	User defined field*	UDFVALUE	Text1-Text10	4-13
User Defined Field Title	User defined field*	UDFVALUE	Cost1–Cost3	36-38
User Defined Field Title	User defined field*	UDFVALUE	Duration1-Duration3	46-48
User Defined Field Title	User defined field*	UDFVALUE	Start1–Start5	60,62, 64,126, 128
User Defined Field Title	User defined field*	UDFVALUE	Finish1-Finish5	61,63, 65,127, 129
User Defined Field Title	User defined field*	UDFVALUE	Flag1-Flag10	110-119
User Defined Field Title	User defined field*	UDFVALUE	Number1-Number5	140-144

Task Notes – Record 71		
P6 Professional Field	P6 Professional Table Field	P6 Professional Table
Notebook Description	task_memo	TASKMEMO

Resource Assignment – Record 75			
P6 Professional Field	P6 Professional Table Field	P6 Professional Table	MPX Field
Resource ID Name	rsrc_id	TASKRSRC	ID
Budgeted/Planned Units/Time	target_qty_per_hr	TASKRSRC	Units
At Completion Units	total_qty	TASKRSRC	Work
Budgeted/Planned Units****	target_qty	TASKRSRC	Planned Work
Actual Regular Units	act_reg_qty	TASKRSRC	Actual Work
Actual Overtime Units	act_ot_qty	TASKRSRC	Overtime Work
At Completion Cost	total_cost	TASKRSRC	Cost
Budgeted/Planned Cost	target_cost	TASKRSRC	Planned Cost
Actual Cost	act_cost	TASKRSRC	Actual Cost
Start	start_date	TASKRSRC	Start**
Finish	end_date	TASKRSRC	Finish**
Lag	lag_drtn_hr_cnt	TASKRSRC	Assignment Delay
n/a	defaults to empty string	n/a	Resource Unique ID

* The User Defined Field is exchanged if a mapping is defined for the field.

** These fields are calculated by Microsoft Project.

*** When WBS records are exported, the following occurs:

WBS Code	wbs_short_name	PROJWBS	WBS
WBS Name	wbs_name	PROJWBS	Task Name

**** If the values in the assignment's Budgeted/Planned Units field were entered manually, they are not exported. For projects that have manual Budgeted/Planned Unit values, you should choose a different file format if you want to preserve them in the export file.

DATA MAPPINGS DURING P6 PROFESSIONAL IMPORT

File Creation – no Record number

MPX, Primavera Systems, 4.0, ANSI

Default Settings – Record 11

MPX Field	P6 Professional Table Field	P6 Professional Table	P6 Professional Field
Default Duration Type (0 = not fixed, 1 = fixed)	def_duration_type	PROJECT	Default Duration Type
Default Hours/Day	day_hr_cnt	CALENDAR	Work Hours Per Day****
Default Hours/Week	week_hr_cnt	CALENDAR	Work Hours Per Week****

Date and Time Settings – Record 12

MPX Field	P6 Professional Table Field	P6 Professional Table	P6 Professional Field
Date Separator	user_data	USERDATA	Date Separator
Date Format (0–20)	n/a	n/a	n/a
<u>Date Format imported</u> 1/31/09 12:30PM 1/31/09 1/31/2009		<u>MPX value</u> 0 1 20	

Base Calendar Definition – Record 20

MPX Field	P6 Professional Table Field	P6 Professional Table	P6 Professional Field
Name	defaults to Standard	n/a	n/a
Sunday (0 = nonworking, 1 = working)	clndr_data	CALENDAR	Calendar Data
Monday	clndr_data	CALENDAR	Calendar Data
Tuesday	clndr_data	CALENDAR	Calendar Data
Wednesday	clndr_data	CALENDAR	Calendar Data
Thursday	clndr_data	CALENDAR	Calendar Data
Friday	clndr_data	CALENDAR	Calendar Data
Saturday	clndr_data	CALENDAR	Calendar Data

Base Calendar Hours – Record 25			
MPX Field	P6 Professional Table Field	P6 Professional Table	P6 Professional Field
Day of the Week (1 - 7, where 1 = Sunday and 7 = Saturday)	number between 1-7	n/a	n/a
From Time 1	clndr_data	CALENDAR	Calendar Data
To Time 1	clndr_data	CALENDAR	Calendar Data
From Time 2	clndr_data	CALENDAR	Calendar Data
To Time 2	clndr_data	CALENDAR	Calendar Data
From Time 3	clndr_data	CALENDAR	Calendar Data
To Time 3	clndr_data	CALENDAR	Calendar Data

Base Calendar Exception – Record 26			
MPX Field	P6 Professional Table Field	P6 Professional Table	P6 Professional Field
From Date	clndr_data	CALENDAR	Calendar Data
To Date	clndr_data	CALENDAR	Calendar Data
Nonworking/Working (0 = nonworking, 1 = working)	clndr_data	CALENDAR	Calendar Data
From Time 1	clndr_data	CALENDAR	Calendar Data
To Time 1	clndr_data	CALENDAR	Calendar Data
From Time 2	clndr_data	CALENDAR	Calendar Data
To Time 2	clndr_data	CALENDAR	Calendar Data
From Time 3	clndr_data	CALENDAR	Calendar Data
To Time 3	clndr_data	CALENDAR	Calendar Data

Project Header – Record 30			
MPX Field	P6 Professional Table Field	P6 Professional Table	P6 Professional Field
Project tab	wbs_name	PROJWBS	Project Name/WBS Name
Manager	User Defined Field*	UDFVALUE	User Defined Field Title

Project Header – Record 30 (continued)			
MPX Field	P6 Professional Table Field	P6 Professional Table	P6 Professional Field
Start Date (either this field or the Finish Date field is calculated for an imported file, depending on the Schedule From setting)	data_date	PROJECT	Data Date
Finish Date**	plan_end_date	PROJECT	Must Finish By
Comments	wbs_memo	WBSMEMO	Notebook Description
Subject	User Defined Field*	UDFVALUE	User Defined Field Title
Keywords	User Defined Field*	UDFVALUE	User Defined Field Title

Numeric Resource Table Definition – Record 41
40,49,1,2,41,42,43,3,5,6,7,8,9,11

- This record defines the fields exchanged for resources. Refer to record 50 for the list of data exchanged.

Resource – Record 50				
MPX Field ID	MPX Field	P6 Professional Table Field	P6 Professional Table	P6 Professional Field
1	Name	rsrc_name	RSRC	Resource Name
2	Resource Initials or Resource Name	rsrc_short_name	RSRC	Resource ID
41	Max Units	max_qty_per_hr	RSRC	Max Units/Time
42	Standard Rate	cost_per_qty	RSRC	Price/Unit
43	Overtime Rate	cost_per_qty*ot_factor	RSRC	Price/Unit*Overtime Factor
3	Group	rsrc_name (of parent)	RSRC	Resource Name (of parent)
5 - 9	Text1 - Text5	User defined field*	UDFVALUE	User Defined Field Title
11	Email Address	email_addr	RSRC	E-Mail Address

Resource Notes – Record 51		
P6 Professional Table Field	P6 Professional Table	P6 Professional Field
rsrc_notes	RSRC	Resource Notes

Resource Calendar Definition – Record 55			
MPX Field	P6 Professional Table Field	P6 Professional Table	P6 Professional Field
Name	rsrc_name	RSRC	Resource Name
Sunday (0 = nonworking, 1 = working)	clndr_data	CALENDAR	Calendar Data
Monday	clndr_data	CALENDAR	Calendar Data
Tuesday	clndr_data	CALENDAR	Calendar Data
Wednesday	clndr_data	CALENDAR	Calendar Data
Thursday	clndr_data	CALENDAR	Calendar Data
Friday	clndr_data	CALENDAR	Calendar Data
Saturday	clndr_data	CALENDAR	Calendar Data

Resource Calendar Hours – Record 56			
MPX Field	P6 Professional Table Field	P6 Professional Table	P6 Professional Field
Day of the Week (1 - 7, where 1 = Sunday and 7 = Saturday)	number between 1-7	n/a	n/a
From Time 1	clndr_data	CALENDAR	Calendar Data
To Time 1	clndr_data	CALENDAR	Calendar Data
From Time 2	clndr_data	CALENDAR	Calendar Data
To Time 2	clndr_data	CALENDAR	Calendar Data
From Time 3	clndr_data	CALENDAR	Calendar Data
To Time 3	clndr_data	CALENDAR	Calendar Data

Resource Calendar Exception – Record 57			
MPX Field	P6 Professional Table Field	P6 Professional Table	P6 Professional Field
From Date	clndr_data	CALENDAR	Calendar Data
To Date	clndr_data	CALENDAR	Calendar Data
Nonworking/Working (0 = nonworking, 1 = working)	clndr_data	CALENDAR	Calendar Data
From Time 1	clndr_data	CALENDAR	Calendar Data
To Time 1	clndr_data	CALENDAR	Calendar Data
From Time 2	clndr_data	CALENDAR	Calendar Data
To Time 2	clndr_data	CALENDAR	Calendar Data
From Time 3	clndr_data	CALENDAR	Calendar Data
To Time 3	clndr_data	CALENDAR	Calendar Data

Numeric Task Table Definition – Record 61
90,98,1,2,3,91,68,95,81,120,84,40,41,42,43,80,70,50,51,52,53,54,55,92,93,94,44, 56,57,58,59,20,21,22,30,35,31,32,33,4,5,6,7,8,9,10,11,12,13,36,37,38,46,47,48,60,62,64, 126,128,61,63,65,127,129,110,111,112,113,114,115,116,117,118,119,140,141,142,143,144

- This record defines the fields exchanged for tasks. Refer to record 70 for the list of data exchanged.

Task – Record 70				
MPX Field ID	MPX Field	P6 Professional Table Field	P6 Professional Table	P6 Professional Field
90	ID	auto incremented value	n/a	Activity ID
1	Name	task_name	TASK	Activity Name
2	WBS	wbs_short_name	PROJWBS	WBS Code
3	Outline Level	builds the WBS structure	n/a	n/a
91	Constraint Type	cstr_type	TASK	Primary Constraint
	<u>MPX Field</u> As late as possible As soon as possible Finish no earlier than Finish no later than Must finish on Must start on Start no earlier than Start no later than	<u>P6 Professional Field</u> As late as possible n/a Finish on or after Finish on or before Mandatory finish Mandatory start Start on or after Start on or before		
68	Constraint Date	cstr_date	TASK	Primary Constraint Date
95	Priority	priority_type	TASK	Activity Leveling Priority
	<u>MPX Field</u> Lowest (0-199) Very Low (200-299) Lower (300-399) Low (400-499) Medium (500-599) High (600-699) Higher (700-799) Very High (800-899) Highest (900-999) Do not level (1000)	<u>P6 Professional Field</u> 5-Lowest 5-Lowest 4-Low 4-Low 3-Normal 3-Normal 2-High 2-High 1-Top 1-Top		
81	Milestone=Yes Task=No	task_type	TASK	Activity Type
120	Summary	Yes=WBS levels No=Activity Tasks	n/a	n/a
84	Rollup	Yes=WBS levels No=Activity Tasks	n/a	n/a
40	Duration	total_drtn_hr_cnt	TASK	At Completion Duration

Task – Record 70 (continued)				
MPX Field ID	MPX Field	P6 Professional Table Field	P6 Professional Table	P6 Professional Field
41	Baseline Duration	target_drtn_hr_cnt	TASK	Original/ Planned Duration
43	Remaining Duration	remain_drtn_hr_cnt	TASK	Remaining Duration
80	Fixed	duration_type	TASK	Duration Type
	<u>Fixed=Yes</u> Fixed Duration and Units	<u>Fixed=No</u> Fixed Units		
70	Predecessors	n/a	TASKPRED	Predecessors
50	Start	start_date	TASK	Start
51	Finish	end_date	TASK	Finish
56	Baseline Start	target_start_date	TASK	Planned Start
57	Baseline Finish	target_end_date	TASK	Planned Finish
58	Actual Start	act_start_date	TASK	Actual Start
59	Actual Finish	act_end_date	TASK	Actual Finish
20	Work	total_work_qty	TASK	At Completion Labor Units
21	Baseline Work	target_work_qty	TASK	Budgeted/ Planned Labor Units
22	Actual Work	act_work_qty	TASK	Actual Labor Units
30	Cost	EAC	TASK	Estimate At Completion Cost (actual cost + estimate to complete cost)
35	Fixed Cost	total_expense_cost	TASK	At Completion Expense Cost
31	Baseline Cost	BAC	TASK	Budget At Completion (budgeted/ planned labor, nonlabor, and expense cost)

Task – Record 70 (continued)				
MPX Field ID	MPX Field	P6 Professional Table Field	P6 Professional Table	P6 Professional Field
32	Actual Cost	ACWP	TASK	Actual Cost (actual labor, nonlabor, and expense cost)
33	Remaining Cost	ETC	TASK	Estimate To Complete (Remaining labor, nonlabor, and expense cost)
4-13	Text1-Text10	User defined field*	UDFVALUE	User Defined Field Title
36-38	Cost1–Cost3	User defined field*	UDFVALUE	User Defined Field Title
46-48	Duration1-Duration3	User defined field*	UDFVALUE	User Defined Field Title
60,62,64,126,128	Start1-Start5	User defined field*	UDFVALUE	User Defined Field Title
61,63,65,127,129	Finish1-Finish5	User defined field*	UDFVALUE	User Defined Field Title
110-119	Flag1-Flag10	User defined field*	UDFVALUE	User Defined Field Title
140-144	Number1-Number5	User defined field*	UDFVALUE	User Defined Field Title

Task Notes – Record 71		
P6 Professional Table Field	P6 Professional Table	P6 Professional Field
task_memo	TASKMEMO	Notebook Description

Resource Assignment – Record 75			
MPX Field	P6 Professional Table Field	P6 Professional Table	P6 Professional Field
ID	rsrc_id	TASKRSRC	Resource ID Name
Units	target_qty_per_hr	TASKRSRC	Budgeted/Planned Units/Time
Work	total_qty	TASKRSRC	At Completion Units
Planned Work	target_qty	TASKRSRC	Budgeted/Planned Units***
Actual Work	act_reg_qty	TASKRSRC	Actual Regular Units
Overtime Work	act_ot_qty	TASKRSRC	Actual Overtime Units
Cost	total_cost	TASKRSRC	At Completion Cost
Planned Cost	target_cost	TASKRSRC	Budgeted/Planned Cost
Actual Cost	act_cost	TASKRSRC	Actual Cost
Start**	start_date	TASKRSRC	Start
Finish**	end_date	TASKRSRC	Finish
Assignment Delay	lag_drtn_hr_cnt	TASKRSRC	Lag

* The User Defined Field is exchanged if a mapping is defined for the field.

** These fields are calculated by Microsoft Project or P6 Professional .

*** The values in an assignment's Budgeted/Planned Units field can be entered manually in P6 Professional. When you import an MPX file to a project that has manual values in the Budgeted/Planned Units field for an assignment, the values will be deleted if you choose the Replace Existing import action when you import the file.

**** Calendars in P6 Professional additionally have settings for Work Hours Per Month and Work Hours Per Year. MPX files do not contain equivalent fields. To calculate Work Hours per Month, P6 Professional applies the following formula: Work Hours Per Week * 4. Using the value derived from this calculation, P6 Professional applies the following formula to calculate Work Hours per Year: Work Hours Per Month * 12.

Calendar hours per timeperiod settings in MPX files are only imported into P6 Professional if the **Use assigned calendar to specify the number of work hours for each time period** checkbox is marked on the Administer, Application Settings, Time Periods page in P6.