

Oracle  
**Primavera P6 EPPM**  
**Microsoft Project Import/Export Data Map Guide (MPX)**

**Version 24**  
December 2023

Oracle Primavera P6 EPPM Microsoft Project Import/Export Data Map Guide (MPX)

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# About the Microsoft Project Import/Export Data Map Guide (MPX)

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This guide details how data is mapped between P6 EPPM and Microsoft Project MPX format. Throughout this guide, the term P6 EPPM includes P6 Professional. Any content that applies to only one of these applications is labeled accordingly.

All users who want to exchange data between various formats should use this document.

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## Notes:

- When WBS records are exported, the P6 EPPM field WBS Code (the PROJWBS.wbs\_short\_name column in the database) is exported to the WBS field in the MPX file and the P6 EPPM field WBS (the PROJWBS.wbs\_name column in the database) is exported to the Task Name field in the MPX file.
- If the values in the budgeted or planned units field for an assignment were entered manually, they are not exported. For projects that have manually entered budgeted or planned unit values, you should choose a different file format if you want to preserve them in the export file.

If you choose the Replace Existing import action when you import an MPX file, if the P6 EPPM project has manually entered values in the budgeted or planned units field for an assignment, the manually entered values will be deleted and replaced with the data from the MPX file.

- Calendars in P6 EPPM 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 EPPM multiplies Work Hours Per Week by 4. Using the value derived from this calculation, to calculate Work Hours per Year, P6 EPPM multiplies Work Hours Per Month by 12.

Calendar hours per time period settings in MPX files are only imported into P6 EPPM if the Use assigned calendar to specify the number of work hours for each time period option is selected on the time periods page of application settings in P6 EPPM or the time periods page of admin preferences in P6 Professional .

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**Caution:** Personal information (PI) may be at risk of exposure. Depending on local data protection laws organizations may be responsible for mitigating any risk of exposure.

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## Data Mappings During Export

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### File Creation - No Record Number

MPX, Primavera Systems, 4.0, ANSI
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### Currency Settings - Record 10

P6 EPPM Field	P6 EPPM Table Field	P6 EPPM 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	decmlal_digit_cnt	CURRTYPE	Currency Digits (0,1,2)
Digit Grouping Symbol	digit_group_symbol	CURRTYPE	Thousands Separator
Decimal Symbol	decimal_symbol	CURRTYPE	Decimal Separator

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**Note:** The currency settings exported are based on the currency selected in the User Preferences, Currency tab in P6 EPPM.

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### Default Settings - Record 11

<b>P6 EPPM Field</b>	<b>P6 EPPM Table Field</b>	<b>P6 EPPM Table</b>	<b>MPX Field</b>
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 Unites (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

<b>P6 EPPM Field</b>	<b>P6 EPPM Table Field</b>	<b>P6 EPPM Table</b>	<b>MPX Field</b>
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 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

<b>P6 EPPM Field</b>	<b>P6 EPPM Table Field</b>	<b>P6 EPPM Table</b>	<b>MPX Field</b>
n/a	defaults to "Standard"	n/a	Name
Calendar Data	clndr_data	CALENDAR	Sunday (0 = nonworking, 1 = working)



<b>P6 EPPM Field</b>	<b>P6 EPPM Table Field</b>	<b>P6 EPPM Table</b>	<b>MPX Field</b>
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

<b>P6 EPPM Field</b>	<b>P6 EPPM Table Field</b>	<b>P6 EPPM Table</b>	<b>MPX Field</b>
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 EPPM Field	P6 EPPM Table Field	P6 EPPM 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 EPPM Field	P6 EPPM Table Field	P6 EPPM 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 (Exchanged only if a mapping is defined for the field.)	UDFVALUE	Manager

<b>P6 EPPM Field</b>	<b>P6 EPPM Table Field</b>	<b>P6 EPPM Table</b>	<b>MPX Field</b>
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 (Calculated by P6 EPPM.)
n/a	defaults to 0	n/a	Schedule From (0 = start, 1 = finish)
n/a	calculated by Microsoft Project (defaults to empty string)	n/a	Current Date (Calculated by P6 EPPM.)
Notebook Description	wbs_memo	WBSMEMO	Comments
n/a	calculated by Microsoft Project (defaults to empty string)	n/a	Cost (Calculated by P6 EPPM.)
n/a	calculated by Microsoft Project (defaults to empty string)	n/a	Baseline Cost (Calculated by P6 EPPM.)
n/a	calculated by Microsoft Project (defaults to empty string)	n/a	Actual Cost (Calculated by P6 EPPM.)

<b>P6 EPPM Field</b>	<b>P6 EPPM Table Field</b>	<b>P6 EPPM Table</b>	<b>MPX Field</b>
n/a	calculated by Microsoft Project (defaults to empty string)	n/a	Work (Calculated by P6 EPPM.)
n/a	calculated by Microsoft Project (defaults to empty string)	n/a	Baseline Work (Calculated by P6 EPPM.)
n/a	calculated by Microsoft Project (defaults to empty string)	n/a	Actual Work (Calculated by P6 EPPM.)
n/a	calculated by Microsoft Project (defaults to empty string)	n/a	Work (Calculated by P6 EPPM.)
n/a	calculated by Microsoft Project (defaults to empty string)	n/a	Duration (Calculated by P6 EPPM.)
n/a	calculated by Microsoft Project (defaults to empty string)	n/a	Baseline Duration (Calculated by P6 EPPM.)
n/a	calculated by Microsoft Project (defaults to empty string)	n/a	Actual Duration (Calculated by P6 EPPM.)
n/a	calculated by Microsoft Project (defaults to empty string)	n/a	Percent Complete (Calculated by P6 EPPM.)
n/a	calculated by Microsoft Project (defaults to empty string)	n/a	Baseline Start (Calculated by P6 EPPM.)

<b>P6 EPPM Field</b>	<b>P6 EPPM Table Field</b>	<b>P6 EPPM Table</b>	<b>MPX Field</b>
n/a	calculated by Microsoft Project (defaults to empty string)	n/a	Baseline Finish (Calculated by P6 EPPM.)
n/a	calculated by Microsoft Project (defaults to empty string)	n/a	Actual Start (Calculated by P6 EPPM.)
n/a	calculated by Microsoft Project (defaults to empty string)	n/a	Actual Finish (Calculated by P6 EPPM.)
n/a	calculated by Microsoft Project (defaults to empty string)	n/a	Start Variance (Calculated by P6 EPPM.)
n/a	calculated by Microsoft Project (defaults to empty string)	n/a	Finish Variance (Calculated by P6 EPPM.)
User Defined Field Title	User Defined Field (Exchanged only if a mapping is defined for the field.)	UDFVALUE	Subject
User Defined Field Title	User Defined Field (Exchanged only if a mapping is defined for the field.)	UDFVALUE	Keywords

### Numeric Resource Table Definition - Record 41

40, 49, 1, 2, 41, 42, 43, 3, 5, 6, 7, 8, 9, 11

**Note:** This record defines the fields exchanged for resources. Refer to **Resource - Record 50** (on page 29) for the list of data exchanged.

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### Resource - Record 50

P6 EPPM Field	P6 EPPM Table Field	P6 EPPM 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 (Exchanged only if a mapping is defined for the field.)	UDFVALUE	Text1 - Text5	5 - 9
E-Mail Address	email_addr	RSRC	Email Address	11

**Resource Notes - Record 51**

P6 EPPM Field	P6 EPPM Table Field	P6 EPPM Table
Resource Notes	rsrc_notes	RSRC

**Resource Calendar Definition - Record 55**

P6 EPPM Field	P6 EPPM Table Field	P6 EPPM 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 EPPM Field	P6 EPPM Table Field	P6 EPPM 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

<b>P6 EPPM Field</b>	<b>P6 EPPM Table Field</b>	<b>P6 EPPM Table</b>	<b>MPX Field</b>
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

<b>P6 EPPM Field</b>	<b>P6 EPPM Table Field</b>	<b>P6 EPPM Table</b>	<b>MPX Field</b>
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,  
126,128,61,63,65,127,129,110,111,112,113,114,115,116,117,118,119,140,141,142,14  
3,144

**Note:** This record defines the fields exchanged for tasks. Refer to **Task - Record 70** (on page 17) for the list of data exchanged.

### Task - Record 70

P6 EPPM Field	P6 EPPM Table Field	P6 EPPM 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 See constraint sub-table.	cstr_type	TASK	Constraint Type	91
Primary Constraint Date	cstr_date	TASK	Constraint Date	68

<b>P6 EPPM Field</b>	<b>P6 EPPM Table Field</b>	<b>P6 EPPM Table</b>	<b>MPX Field</b>	<b>MPX Field ID</b>
Activity Leveling Priority See activity leveling priority sub-table.	priority_type	TASK	Priority	95
Activity Type	task_type	TASK	Milestone = Yes All other types = No	81
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
Planned Duration (P6 EPPM)	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 See duration type sub-table.	duration_type	TASK	Fixed	80
Predecessors	n/a	TASKPRED	Predecessors	70
Start	start_date	TASK	Start	50
Finish	end_date	TASK	Finish	51

P6 EPPM Field	P6 EPPM Table Field	P6 EPPM Table	MPX Field	MPX Field ID
Early Start	early_start_date	TASK	Early Start (Calculated by P6 EPPM.)	52
Early Finish	early_end_date	TASK	Early Finish (Calculated by P6 EPPM.)	53
Late Start	late_start_date	TASK	Late Start (Calculated by P6 EPPM.)	54
Late Finish	late_end_date	TASK	Late Finish (Calculated by P6 EPPM.)	55
n/a	defaults to 0	n/a	Delay	92
Free Float	free_float_hr_c nt	TASK	Free Slack (Calculated by P6 EPPM.)	93
Total Float	total_float_hr_c nt	TASK	Total Slack (Calculated by P6 EPPM.)	94
Duration % Complete	drtn_complete_ pct	TASK	%Complete (Calculated by P6 EPPM.)	44
Planned Start	target_start_dat e	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

<b>P6 EPPM Field</b>	<b>P6 EPPM Table Field</b>	<b>P6 EPPM Table</b>	<b>MPX Field</b>	<b>MPX Field ID</b>
Planned Labor Units (P6 EPPM) Budgeted Labor Units or Planned Labor Units (P6 Professional)	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
At Completion Expense Cost	total_expense_cost	TASK	Fixed Cost	35
Budget At Completion (planned labor cost + planned nonlabor cost + planned expense cost in P6 EPPM) (budgeted or planned labor cost + budgeted or planned nonlabor cost + budgeted or planned expense cost in P6 Professional)	BAC	TASK	Baseline Cost	31

<b>P6 EPPM Field</b>	<b>P6 EPPM Table Field</b>	<b>P6 EPPM Table</b>	<b>MPX Field</b>	<b>MPX Field ID</b>
Actual Cost (actual labor cost + actual nonlabor cost + actual expense cost)	ACWP	TASK	Actual Cost	32
Estimate to Complete (Remaining labor cost + remaining nonlabor cost + remaining expense cost)	ETC	TASK	Remaining Cost	33
User Defined Field Title	User defined field (Exchanged only if a mapping is defined for the field.)	UDFVALUE	Text1-Text10	4-13
User Defined Field Title	User defined field (Exchanged only if a mapping is defined for the field.)	UDFVALUE	Cost-Cost3	36-38
User Defined Field Title	User defined field (Exchanged only if a mapping is defined for the field.)	UDFVALUE	Duration1-Duration3	46-48

<b>P6 EPPM Field</b>	<b>P6 EPPM Table Field</b>	<b>P6 EPPM Table</b>	<b>MPX Field</b>	<b>MPX Field ID</b>
User Defined Field Title	User defined field (Exchanged only if a mapping is defined for the field.)	UDFVALUE	Start1-Start5	60, 62, 64, 126, 128
User Defined Field Title	User defined field (Exchanged only if a mapping is defined for the field.)	UDFVALUE	Finish1-Finish5	61, 63, 65, 127, 129
User Defined Field Title	User defined field (Exchanged only if a mapping is defined for the field.)	UDFVALUE	Flag1-Flag10	110-119
User Defined Field Title	User defined field (Exchanged only if a mapping is defined for the field.)	UDFVALUE	Number1-Number5	140-144

**Constraint Sub-table**

<b>P6 EPPM Field</b>	<b>MPX Field</b>
As late as possible	As late as possible
Finish on	Must finish on
Finish on or after	Finish no earlier than

<b>P6 EPPM Field</b>	<b>MPX Field</b>
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

#### Activity Leveling Priority Sub-table

<b>P6 EPPM Field</b>	<b>MPX Field</b>
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)

#### Duration Type Sub-table

<b>Fixed = Yes</b>	<b>Fixed = No</b>
Fixed Duration and Units	Fixed Units
Fixed Duration and Units/Time	Fixed Units/Time

### Task Notes - Record 71

P6 EPPM Field	P6 EPPM Table Field	P6 EPPM Table
Notebook Description	task_memo	TASKMEMO

### Resource Assignment - Record 75

P6 EPPM Field	P6 EPPM Table Field	P6 EPPM Table	MPX Field
Resource ID Name	rsrc_id	TASKRSRC	ID
Planned Units/Time (P6 EPPM) Budgeted Units/Time or Planned Units/Time (P6 Professional)	target_qty_per_hr	TASKRSRC	Units
At Completion Units	total_qty	TASKRSRC	Work
Planned Units (P6 EPPM) Budgeted Units or Planned Units (P6 Professional) See Note 2.	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
Planned Cost (P6 EPPM) Budgeted Cost or Planned Cost (P6 Professional)	target_cost	TASKRSRC	Planned Cost
Actual Cost	act_cost	TASKRSRC	Actual Cost



P6 EPPM Field	P6 EPPM Table Field	P6 EPPM Table	MPX Field
Start	start_date	TASKRSRC	Start (Calculated by P6 EPPM.)
Finish	end_date	TASKRSRC	Finish (Calculated by P6 EPPM.)
Lag	lag_drtn_hr_cnt	TASKRSRC	Assignment Delay
n/a	defaults to empty string	n/a	Resource Unique ID

## Data Mappings During Import

### File Creation - No Record Number

MPX, Primavera Systems, 4.0, ANSI

### Default Settings - Record 11

MPX Field	P6 EPPM Table Field	P6 EPPM Table	P6 EPPM Field
Default Duration Type (0 = not fixed, 1 = fixed)	def_duration_type	PROJECT	Default Duration Types
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 EPPM Table Field	P6 EPPM Table	P6 EPPM Field
Date Separator	user_data	USERDATA	Date Separator
Date Format (0-20) See Date Format sub-table.	n/a	n/a	n/a

#### Date Format Sub-table

Date Format Imported	MPX Value
1/31/09 12:30PM	0
1/31/09	1
1/31/2009	20

### Base Calendar Definition - Record 20

MPX Field	P6 EPPM Table Field	P6 EPPM Table	P6 EPPM 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

MPX Field	P6 EPPM Table Field	P6 EPPM Table	P6 EPPM Field
Saturday	clndr_data	CALENDAR	Calendar Data

### Base Calendar Hours - Record 25

MPX Field	P6 EPPM Table Field	P6 EPPM Table	P6 EPPM 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 EPPM Table Field	P6 EPPM Table	P6 EPPM 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

<b>MPX Field</b>	<b>P6 EPPM Table Field</b>	<b>P6 EPPM Table</b>	<b>P6 EPPM Field</b>
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

<b>MPX Field</b>	<b>P6 EPPM Table Field</b>	<b>P6 EPPM Table</b>	<b>P6 EPPM Field</b>
Project tab	wbs_name	PROJWBS	Project Name/WBS Name
Manager	User Defined Field (Exchanged only if a mapping is defined for the field.)	UDFVALUE	User Defined Field Title
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 (Either this field or the Finish Date field is calculated for an imported file, depending on the Schedule From setting)	plan_end_date	PROJECT	Must Finish By

MPX Field	P6 EPPM Table Field	P6 EPPM Table	P6 EPPM Field
Comments	wbs_memo	WBSMEMO	Notebook Description
Subject	User Defined Field (Exchanged only if a mapping is defined for the field.)	UDFVALUE	User Defined Field Title
Keywords	User Defined Field (Exchanged only if a mapping is defined for the 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

**Note:** This record defines the fields exchanged for resources. Refer to **Resource - Record 50** (on page 29) for the list of data exchanged.

### Resource - Record 50

MPX Field ID	MPX Field	P6 EPPM Table Field	P6 EPPM Table	P6 EPPM 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

MPX Field ID	MPX Field	P6 EPPM Table Field	P6 EPPM Table	P6 EPPM Field
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 (Exchanged only if a mapping is defined for the field.)	UDFVALUE	User Defined Field Title
11	Email Address	email_addr	RSRC	E-mail Address

### Resource Notes - Record 51

P6 EPPM Table Field	P6 EPPM Table	P6 EPPM Field
rsrc_notes	RSRC	Resource Notes

### Resource Calendar Definition - Record 55

MPX Field	P6 EPPM Table Field	P6 EPPM Table	P6 EPPM 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

<b>MPX Field</b>	<b>P6 EPPM Table Field</b>	<b>P6 EPPM Table</b>	<b>P6 EPPM Field</b>
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

<b>MPX Field</b>	<b>P6 EPPM Table Field</b>	<b>P6 EPPM Table</b>	<b>P6 EPPM Field</b>
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

<b>MPX Field</b>	<b>P6 EPPM Table Field</b>	<b>P6 EPPM Table</b>	<b>P6 EPPM Field</b>
From Date	clndr_data	CALENDAR	Calendar Data

MPX Field	P6 EPPM Table Field	P6 EPPM Table	P6 EPPM Field
To Date	clndr_data	CALENDAR	Calendar Data
97827Nonworking/ 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,  
126,128,61,63,65,127,129,110,111,112,113,114,115,116,117,118,119,140,141,142,14  
3,144

**Note:** This record defines the fields exchanged for tasks. Refer to **Task - Record 70** (on page 32) for the list of data exchanged.

### Task - Record 70



MPX Field ID	MPX Field	P6 EPPM Table Field	P6 EPPM Table	P6 EPPM 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 See constraint sub-table.	cstr_type	TASK	Primary Constraint
68	Constraint Date	cstr_date	TASK	Primary Constraint Date
95	Priority See priority sub-table.	priority_type	TASK	Activity Leveling Priority
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

MPX Field ID	MPX Field	P6 EPPM Table Field	P6 EPPM Table	P6 EPPM Field
41	Baseline Duration	target_drtn_hr_cnt	TASK	Planned Duration (P6 EPPM) Budgeted Duration or Planned Duration (P6 Professional)
43	Remaining Duration	remain_drtn_hr_cnt	TASK	Remaining Duration
80	Fixed See fixed sub-table.	duration_type	TASK	Duration Type
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	Planned Labor Units (P6 EPPM) Budgeted Labor Units or Planned Labor Units (P6 Professional)

MPX Field ID	MPX Field	P6 EPPM Table Field	P6 EPPM Table	P6 EPPM Field
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 (planned labor cost + planned nonlabor cost + planned expense cost in P6 EPPM)  (budgeted or planned labor cost + budgeted or planned nonlabor cost + budgeted or planned expense cost in P6 Professional)
32	Actual Cost	ACWP	TASK	Actual Cost (actual labor+nonlabor+ expense cost)
33	Remaining Cost	ETC	TASK	Estimate to Complete (remaining labor cost + nonlabor cost + expense cost)

<b>MPX Field ID</b>	<b>MPX Field</b>	<b>P6 EPPM Table Field</b>	<b>P6 EPPM Table</b>	<b>P6 EPPM Field</b>
4-13	Text1-Text10	User defined field  (Exchanged only if a mapping is defined for the field.)	UDFVALUE	User Defined Field Title
36-38	Cost1-Cost3	User defined field  (Exchanged only if a mapping is defined for the field.)	UDFVALUE	User Defined Field Title
46-48	Duration1-Duration3	User defined field  (Exchanged only if a mapping is defined for the field.)	UDFVALUE	User Defined Field Title
60, 62, 64, 126, 128	Start1-Start5	User defined field  (Exchanged only if a mapping is defined for the field.)	UDFVALUE	User Defined Field Title
61, 63, 65, 127, 129	Finish1-Finish5	User defined field  (Exchanged only if a mapping is defined for the field.)	UDFVALUE	User Defined Field Title

MPX Field ID	MPX Field	P6 EPPM Table Field	P6 EPPM Table	P6 EPPM Field
110-119	Flag1-Flat10	User defined field (Exchanged only if a mapping is defined for the field.)	UDFVALUE	User Defined Field Title
140-144	Number1-Number5	User defined field (Exchanged only if a mapping is defined for the field.)	UDFVALUE	User Defined Field Title

#### Constraint Type Sub-table

MPX Field	P6 EPPM Field
As late as possible	As late as possible
As soon as possible	n/a
Finish no earlier than	Finish on or after
Finish no later than	Finish on or before
Must finish on	Mandatory finish
Must start on	Mandatory start
Start no earlier than	Start on or after
Start no later than	Start on or before

**Priority Sub-table**

<b>MPX Field</b>	<b>P6 EPPM Field</b>
Lowest (0-199)	5-Lowest
Very Low (200-299)	5-Lowest
Lower (300-399)	4-Low
Low (400-499)	4-Low
Medium (500-599)	3-Normal
High (600-699)	3-Normal
Higher (700-799)	2-High
Very High (800-899)	2-High
Highest (900-999)	1-Top
Do not level (1000)	1-Top

**Fixed Sub-table**

<b>Fixed=Yes</b>	<b>Fixed=No</b>
Fixed Duration and Units	Fixed Units

**Task Notes - Record 71**

<b>P6 EPPM Table Field</b>	<b>P6 EPPM Table</b>	<b>P6 EPPM Field</b>
task_memo	TASKMEMO	Notebook Description

## Resource Assignment - Record 75

MPX Field	P6 EPPM Table Field	P6 EPPM Table	P6 EPPM Field
ID	rsrc_id	TASKRSRC	Resource ID Name
Units	target_qty_per_hr	TASKRSRC	Planned Units/Time (P6 EPPM) Budgeted Units/Time or Planned Units/Time (P6 Professional)
Work	total_qty	TASKRSRC	At Completion Units
Planned Work	target_qty	TASKRSRC	Planned Units (P6 EPPM) Budgeted Units or Planned Units (P6 Professional)
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	Planned Cost (P6 EPPM) Budgeted Cost or Planned Cost (P6 Professional)
Actual Cost	act_cost	TASKRSRC	Actual Cost
Start (Calculated by Microsoft Project)	start_date	TASKRSRC	Start
Finish (Calculated by Microsoft Project)	end_date	TASKRSRC	Finish

<b>MPX Field</b>	<b>P6 EPPM Table Field</b>	<b>P6 EPPM Table</b>	<b>P6 EPPM Field</b>
Assignment Delay	lag_drtn_hr_cnt	TASKRSRC	Lag