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

**Version 23**
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ORACLE®

# Contents

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

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.

**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 .

**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.

# Data Mappings During Export

## File Creation - No Record Number

MPX, Primavera Systems, 4.0, ANSI

## 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 | decmial_digit_cnt | CURRTYPE | Currency Digits (0,1,2) |
| Digit Grouping Symbol | digit_group_symbol | CURRTYPE | Thousands Separator |
| Decimal Symbol | decimal_symbol | CURRTYPE | Decimal Separator |

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

## Default Settings - Record 11

| P6 EPPM Field | P6 EPPM Table Field | P6 EPPM Table | MPX Field |
|---|---|---|---|
| Durations Format Unit of Time | defaults to 1 | USERDATA | Default Duration Units<br>(0 = minutes,<br>1 = hours,<br>2 = days,<br>3 = weeks) |
| Default Duration Type | def_duration_type | PROJECT | Default Duration Type<br>(0 = not fixed,<br>1 = fixed) |
| Units Format Unit of Time | defaults to 1 | USERDATA | Default Work Unites<br>(0 = minutes,<br>1 = hours,<br>2 = days,<br>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<br>(0 = no,<br>1 = yes) |
| n/a | defaults to 0 | n/a | Split In-Progress Tasks<br>(0 = no,<br>1 = yes) |

## Date and Time Settings - Record 12

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

| P6 EPPM Field | P6 EPPM Table Field | P6 EPPM Table | MPX Field |
|---|---|---|---|
| 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 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 |
| 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 |

| P6 EPPM Field | P6 EPPM Table Field | P6 EPPM Table | MPX Field |
|---|---|---|---|
| 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.) |

| P6 EPPM Field | P6 EPPM Table Field | P6 EPPM Table | MPX Field |
|---|---|---|---|
| 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.) |

| P6 EPPM Field | P6 EPPM Table Field | P6 EPPM Table | MPX Field |
|---|---|---|---|
| n/a | calculated by Microsoft Project (defaults to empty string) | n/a | Baseline Finish<br><br>(Calculated by P6 EPPM.) |
| n/a | calculated by Microsoft Project (defaults to empty string) | n/a | Actual Start<br><br>(Calculated by P6 EPPM.) |
| n/a | calculated by Microsoft Project (defaults to empty string) | n/a | Actual Finish<br><br>(Calculated by P6 EPPM.) |
| n/a | calculated by Microsoft Project (defaults to empty string) | n/a | Start Variance<br><br>(Calculated by P6 EPPM.) |
| n/a | calculated by Microsoft Project (defaults to empty string) | n/a | Finish Variance<br><br>(Calculated by P6 EPPM.) |
| User Defined Field Title | User Defined Field<br><br>(Exchanged only if a mapping is defined for the field.) | UDFVALUE | Subject |
| User Defined Field Title | User Defined Field<br><br>(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 30) for the list of data exchanged.

## 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 |

| P6 EPPM Field | P6 EPPM Table Field | P6 EPPM Table | MPX Field |
|---|---|---|---|
| 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 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 |

## 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 |

| P6 EPPM Field | P6 EPPM Table Field | P6 EPPM Table | MPX Field | MPX Field ID |
|---|---|---|---|---|
| Activity Leveling Priority<br><br>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<br>No = Activity tasks | n/a | Summary | 120 |
| n/a | Yes = WBS levels<br>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<br><br>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_cnt | TASK | Free Slack (Calculated by P6 EPPM.) | 93 |
| Total Float | total_float_hr_cnt | TASK | Total Slack (Calculated by P6 EPPM.) | 94 |
| Duration % Complete | drtn_complete_pct | TASK | %Complete (Calculated by P6 EPPM.) | 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 |

| P6 EPPM Field | P6 EPPM Table Field | P6 EPPM Table | MPX Field | MPX Field ID |
|---|---|---|---|---|
| Planned Labor Units (P6 EPPM)<br><br>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<br><br>(planned labor cost + planned nonlabor cost + planned expense cost in P6 EPPM)<br><br>(budgeted or planned labor cost + budgeted or planned nonlabor cost + budgeted or planned expense cost in P6 Professional) | BAC | TASK | Baseline Cost | 31 |

| P6 EPPM Field | P6 EPPM Table Field | P6 EPPM Table | MPX Field | MPX Field ID |
|---|---|---|---|---|
| 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 |

| P6 EPPM Field | P6 EPPM Table Field | P6 EPPM Table | MPX Field | MPX Field ID |
|---|---|---|---|---|
| User Defined Field Title | User defined field<br><br>(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<br><br>(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<br><br>(Exchanged only if a mapping is defined for the field.) | UDFVALUE | Flag1-Flag10 | 110-119 |
| User Defined Field Title | User defined field<br><br>(Exchanged only if a mapping is defined for the field.) | UDFVALUE | Number1-Number5 | 140-144 |

**Constraint Sub-table**

| P6 EPPM Field | MPX Field |
|---|---|
| As late as possible | As late as possible |
| Finish on | Must finish on |
| Finish on or after | Finish no earlier than |

| P6 EPPM Field | MPX Field |
|---|---|
| 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

| P6 EPPM Field | MPX Field |
|---|---|
| 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

| Fixed = Yes | Fixed = No |
|---|---|
| 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)<br><br>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)<br><br>Budgeted Units or Planned Units (P6 Professional)<br>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 |

| P6 EPPM Field | P6 EPPM Table Field | P6 EPPM Table | MPX Field |
|---|---|---|---|
| Planned Cost (P6 EPPM)<br><br>Budgeted Cost or Planned Cost (P6 Professional) | target_cost | TASKRSRC | Planned Cost |
| Actual Cost | act_cost | TASKRSRC | Actual Cost |
| Start | start_date | TASKRSRC | Start<br>(Calculated by P6 EPPM.) |
| Finish | end_date | TASKRSRC | Finish<br>(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 |
| 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 |

| MPX Field | P6 EPPM Table Field | P6 EPPM Table | P6 EPPM Field |
|---|---|---|---|
| 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 |
| 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 EPPM Table Field | P6 EPPM Table | P6 EPPM Field |
|---|---|---|---|
| Project tab | wbs_name | PROJWBS | Project Name/WBS Name |

| MPX Field | P6 EPPM Table Field | P6 EPPM Table | P6 EPPM Field |
|---|---|---|---|
| Manager | User Defined Field<br><br>(Exchanged only if a mapping is defined for the field.) | UDFVALUE | User Defined Field Title |
| Start Date<br><br>(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<br><br>(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 |
| Comments | wbs_memo | WBSMEMO | Notebook Description |
| Subject | User Defined Field<br><br>(Exchanged only if a mapping is defined for the field.) | UDFVALUE | User Defined Field Title |
| Keywords | User Defined Field<br><br>(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 30) 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 |
| 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 |
| 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 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 |

## Resource Calendar Exception - Record 57

| 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 |
| To Time 1 | clndr_data | CALENDAR | Calendar Data |
| From Time 2 | clndr_data | CALENDAR | Calendar Data |
| To Time 2 | clndr_data | CALENDAR | Calendar Data |

| MPX Field | P6 EPPM Table Field | P6 EPPM Table | P6 EPPM Field |
|---|---|---|---|
| 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 33) 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 |

| MPX Field ID | MPX Field | P6 EPPM Table Field | P6 EPPM Table | P6 EPPM Field |
|---|---|---|---|---|
| 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 |
| 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 |

| MPX Field ID | MPX Field | P6 EPPM Table Field | P6 EPPM Table | P6 EPPM Field |
|---|---|---|---|---|
| 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) <br><br> Budgeted Labor Units or Planned Labor Units (P6 Professional) |
| 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 |

| MPX Field ID | MPX Field | P6 EPPM Table Field | P6 EPPM Table | P6 EPPM Field |
|---|---|---|---|---|
| 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) |
| 4-13 | Text1-Text10 | 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 |
|---|---|---|---|---|
| 36-38 | Cost1-Cost3 | User defined field<br><br>(Exchanged only if a mapping is defined for the field.) | UDFVALUE | User Defined Field Title |
| 46-48 | Duration1-Duration3 | User defined field<br><br>(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<br><br>(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<br><br>(Exchanged only if a mapping is defined for the field.) | UDFVALUE | User Defined Field Title |
| 110-119 | Flag1-Flat10 | User defined field<br><br>(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 |
|---|---|---|---|---|
| 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

| MPX Field | P6 EPPM Field |
|---|---|
| Lowest (0-199) | 5-Lowest |
| Very Low (200-299) | 5-Lowest |
| Lower (300-399) | 4-Low |
| Low (400-499) | 4-Low |

| MPX Field | P6 EPPM Field |
|---|---|
| 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**

| Fixed=Yes | Fixed=No |
|---|---|
| Fixed Duration and Units | Fixed Units |

## Task Notes - Record 71

| P6 EPPM Table Field | P6 EPPM Table | P6 EPPM Field |
|---|---|---|
| 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 |

| MPX Field | P6 EPPM Table Field | P6 EPPM Table | P6 EPPM Field |
|---|---|---|---|
| Units | target_qty_per_hr | TASKRSRC | Planned Units/Time (P6 EPPM)<br><br>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)<br><br>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)<br><br>Budgeted Cost or Planned Cost (P6 Professional) |
| Actual Cost | act_cost | TASKRSRC | Actual Cost |
| Start<br><br>(Calculated by Microsoft Project) | start_date | TASKRSRC | Start |
| Finish<br><br>(Calculated by Microsoft Project) | end_date | TASKRSRC | Finish |
| Assignment Delay | lag_drtn_hr_cnt | TASKRSRC | Lag |

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