

Generate Time Wage Types by Configuring Table T510S



Applies to:

SAP HCM \ SAP HR – Time Management

Summary

This document explains in details the configuration of table T510S which will facilitate the generation of time wage types

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Fields in Table T510S

Groupings

Time WT sel.rule grp	01
Day grouping	01

Figure 2 – Grouping

Two grouping needs to be maintained while creating the generation rules

Time WT Selection Rule Group will be called in the PCR's TMON or MODT in the Time Evaluation Schemas using operation MODIF.

PCR's will check the Employee Sub Group grouping for PCR using operation PAYTP A

Display calculation rule: MODT

MODT Determine groupings

- * ****
- PAYTP A Set ESG for PCR
- 1
- 2
- 3
- ****
- MODIF W=03 Set modifier
- MODIF T=01 Set modifier
- MODIF A=01 Set modifier
- MODIF L=01 T559P grouping

Display calculation rule: TMON

TMON Determine groupings

- * ****
- PAYTP A Set ESG for PCR
- 1
- 2
- 3
- ****
- MODIF W=03 Set modifier
- MODIF T=02 Set modifier
- MODIF A=01 Set modifier
- MODIF L=02 T559P grouping

Figure 3 – PCR's MODT & TMON calling the Time WT Selection Rule Group

Day Grouping will be checked again in Time Evaluation schema using function DAYMO

000650	DAYMO	01	02	02	02	02	Set day grouping for T510S
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Figure 4 – DAYMO Function checking the Day grouping

Par 1: Sets the day grouping for Mon-Saturday on a non-public holiday

Par 2: Sets the day grouping for Sunday on a non-public holiday

Par 3: Sets the day grouping for Mon-Saturday on a public holiday

Par 4: Sets the day grouping for Sunday on a public holiday .

There are certain conditions which will be checked by the time evaluation and will generate the wage type only if all the condition is met. Conditions will be checked one after the other in the sequence.

Condition 1 – Valid Processing Types

Valid processing types

M

Processing Type is an indicator assigned to a Time Pair. Based on this indicator Time Evaluation will generate the appropriate Time Wage Type

Processing Class 'S' stands for planned working time, 'M' for overtime, 'A' for absence.

If required additional processing class can be created in table V_T510V. These processing classes will be assigned to the Time types in table T55Y or T555Z

Time Wage Types will be generated only if the processing class mentioned in table T510S for the time wage type is available during time evaluation.

Condition 2 – Conditions Day

Conditions Day						
Weekdays	PH pre.day	PH cur.day	PH sub.day	Val.class	DWS class	Day type
1234567	b123456789	b123456789	b123456789	0123456789	0123456789	b123456789
XXXXX	XXXXXXXXXX	X	XXXXXXXXXX	X	XXXXXXXXXX	XX

Figure 6 – Condition for Day in table T510S

Condition 2 consists of 7 internal conditions.

Weekdays – this field determines the days on which this wage type can be generated. Number 1 stands for Monday and runs till Sunday.

X marked below 1 is the flag. X is only a flag and doesn't have any other interpretation. In figure 3 in the weekdays column days 1 to 5 is flagged. It indicates, that the wage type will be generated on any day from Monday to Friday.

Even if the processing class condition is met on a Saturday, this wage type will not be generated.

Public Holiday previous day (PH pre.day) this condition will check if the previous day has been a public holiday.

Say this WT is getting generated on 15th October, this condition will check the public holiday class for 14th October

Conditions Day						
Weekdays	PH pre.day	PH cur.day	PH sub.day	Val.class	DWS class	Day type
1234567	b123456789	b123456789	b123456789	0123456789	0123456789	b123456789
XXXXX	X	X	XXXXXXXXXX	X	XXXXXXXXXX	XX

Figure 7 - Condition for Day in table T510S

In figure 7, Ph pre.day is flagged for public holiday class 'b'; this indicates that the wage type will be generated on a day only if the previous day has been a working day.

Public Holiday Current Day (PH cur.day) this condition will check if the public holiday class for the current day. In figure 6 and figure 7 public holiday class 'b' is flagged, so that the wage type will be generated only if the day is a working day.

Conditions Day						
Weekdays	PH pre.day	PH cur.day	PH sub.day	Val.class	DWS class	Day type
1234567	b123456789	b123456789	b123456789	0123456789	0123456789	b123456789
XXXXX	X	X	XXXXXXXXXX	X	XXXXXXXXXX	XX

Figure 8 - Condition for Day in table T510S

In figure 8, PH cur.day is flagged for public holiday class 1, so that the wage type will be generated only on public holiday, even if the previous two conditions are met, if the day is not a public holiday this wage type will not be generated.

Public Holiday Subsequent Day (PH sub.day) this condition will check the public holiday class for the next day. For example if the wage type is generated on 15th October, this condition will check the public holiday class for 16th October.

In figure 6, 7 & 8 PH sub.day is flagged for all public holiday class, it indicates that the wage type will be generated irrespective of the next day's being working day or a public holiday or any other day.

Conditions Day						
Weekdays	PH pre.day	PH cur.day	PH sub.day	Val.class	DWS class	Day type
1234567	b123456789	b123456789	b123456789	0123456789	0123456789	b123456789
XXXXX	XXXXXXXXXX	X	X	X	XXXXXXXXXX	XX

Figure 9 - Condition for Day in table T510S

In figure 6, PH sub.day is flagged for public holiday class 1; it indicates that the wage type will be generated only when the next day is a public holiday.

Valuation Class condition checks the valuation class assigned to the period work schedule applicable for the employee.

Valuation class for PWS will be assigned in table V_551C_B

Generation of time wage types can be restricted to a group of employees by assigning a valuation class to the PWS.

Change View "Valuation Class for Period Work Schedule": Overview						
Grpg	Period WS	Description	Start Date	End Date	Val.class for PWS	
07	P124	Rotation Sched 12	01.01.1990	31.12.9999	5	▲
07	PDAY	Normal Day 8 Hour	01.01.1990	31.12.9999	3	▼

Figure 10 – Valuation class for PWS

In figure 10 different valuation class is assigned to the PWS, this valuation class will be checked during the time wage type generation. This will help to generate different wage types for employees assigned to different PWS.

Daily Work Schedule Class (DWS Class) condition is same as the valuation class for PWS. If it is required to differentiate employees based on their daily work schedule DWS class can be used.

The DWS class will be assigned while configuring the daily work schedule.

Day Type condition will restrict the generation of the wage type for the day type which is flagged

In figure 9 day type B and day type 1 is flagged meaning this wage type will be generated on a work\paid and off\paid days.

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