



# Maintenance Strategy in SAP S/4HANA



**SAP Knowledge Hub**

**We Are Here to Boost Your Career**

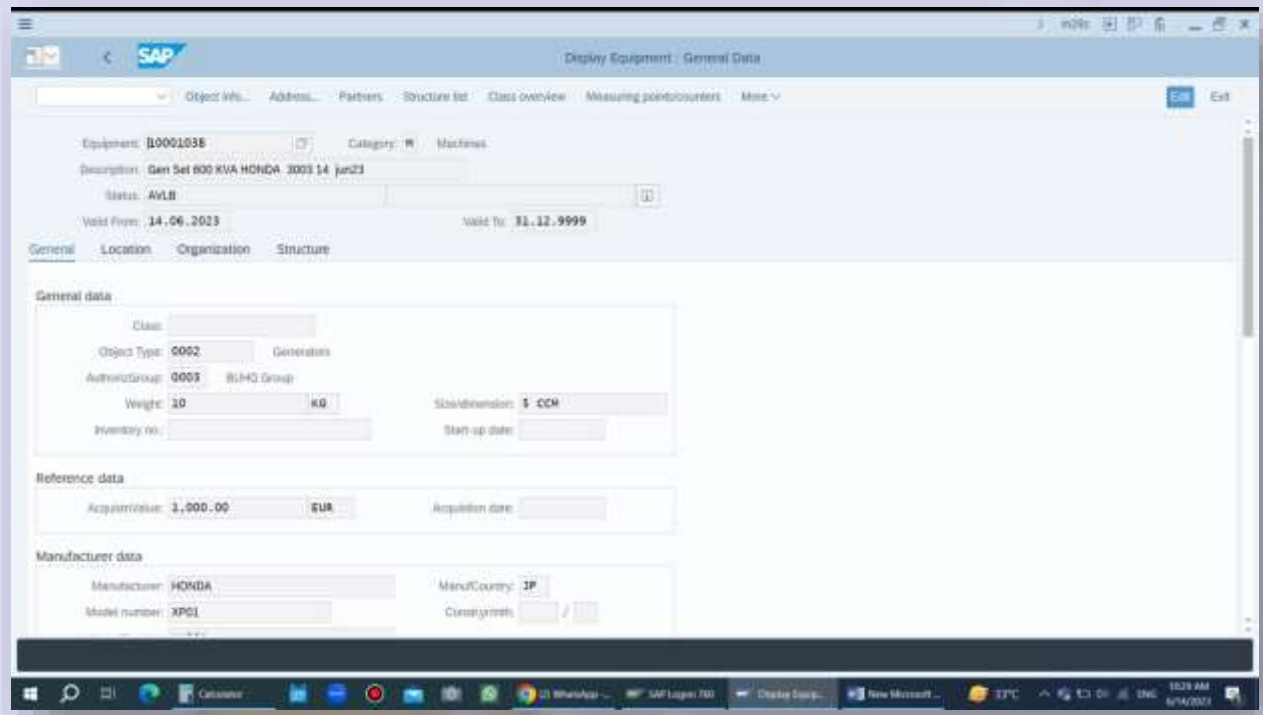
**Corporate Training || Classroom Training || Outsourcing**



**info@ambikeya.com||www.ambikeya.com||+917746805189**

## SAP PM

### Maintenance Strategy Plan Complete Cycle- IP42 Create Equipment IE01

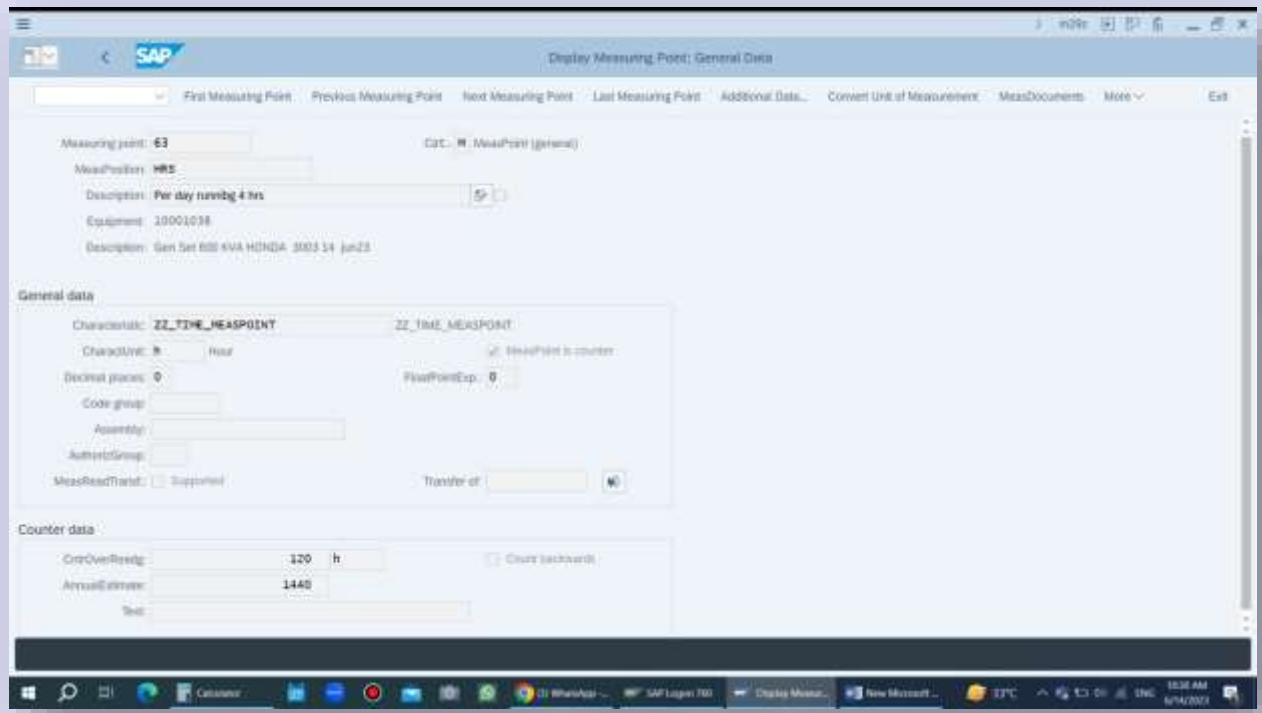


The screenshot shows the SAP PM 'Display Equipment: General Data' screen. The equipment number is 10001038, and the description is 'Gen Set 600 KVA HONDA 2003 14 Jan23'. The status is 'AVLB' and the valid from date is 14.06.2023. The equipment is categorized as 'Machines'. The screen is divided into sections for General data, Reference data, and Manufacturer data.

Section	Field	Value
General data	Class	
	Object Type	0002 Generator
	Authorization Group	0005 BLMG Group
	Weight	20 KG
	Inventory no.	
Reference data	Acquisition	1,000.00 EUR
	Acquisition date	
Manufacturer data	Manufacturer	HONDA
	Model number	XP01

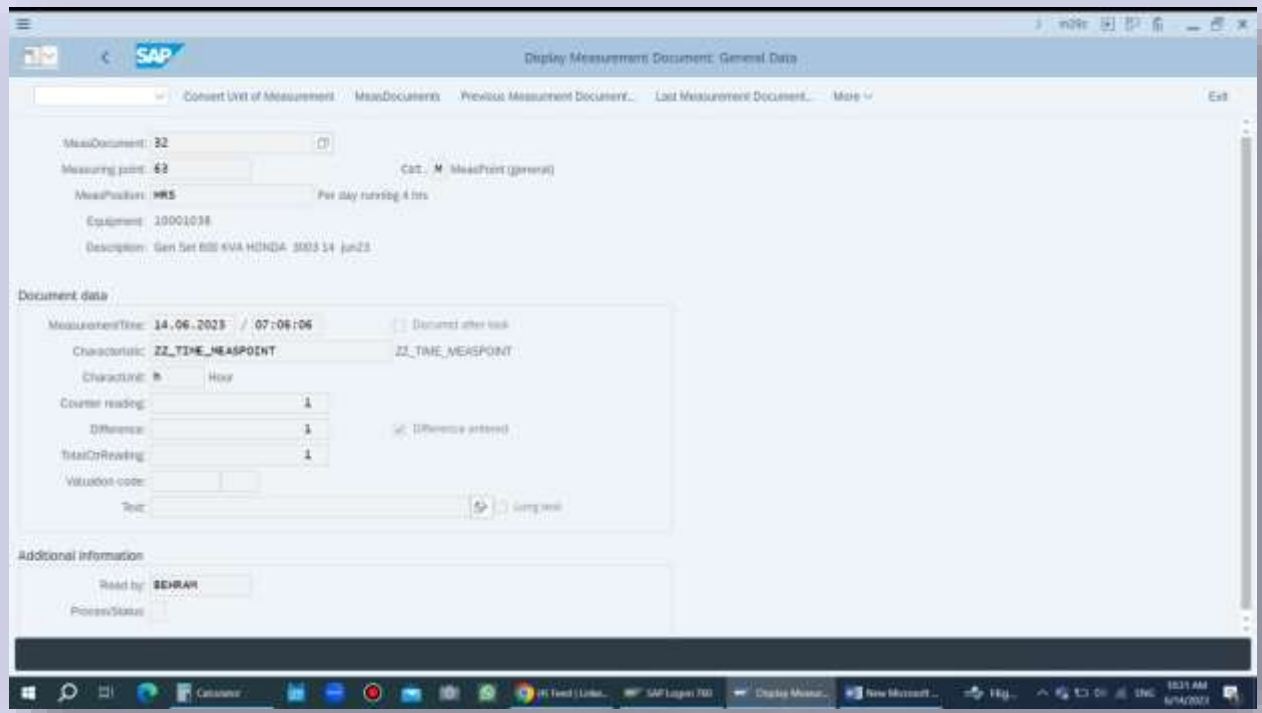
### Create Measuring Point – IK01





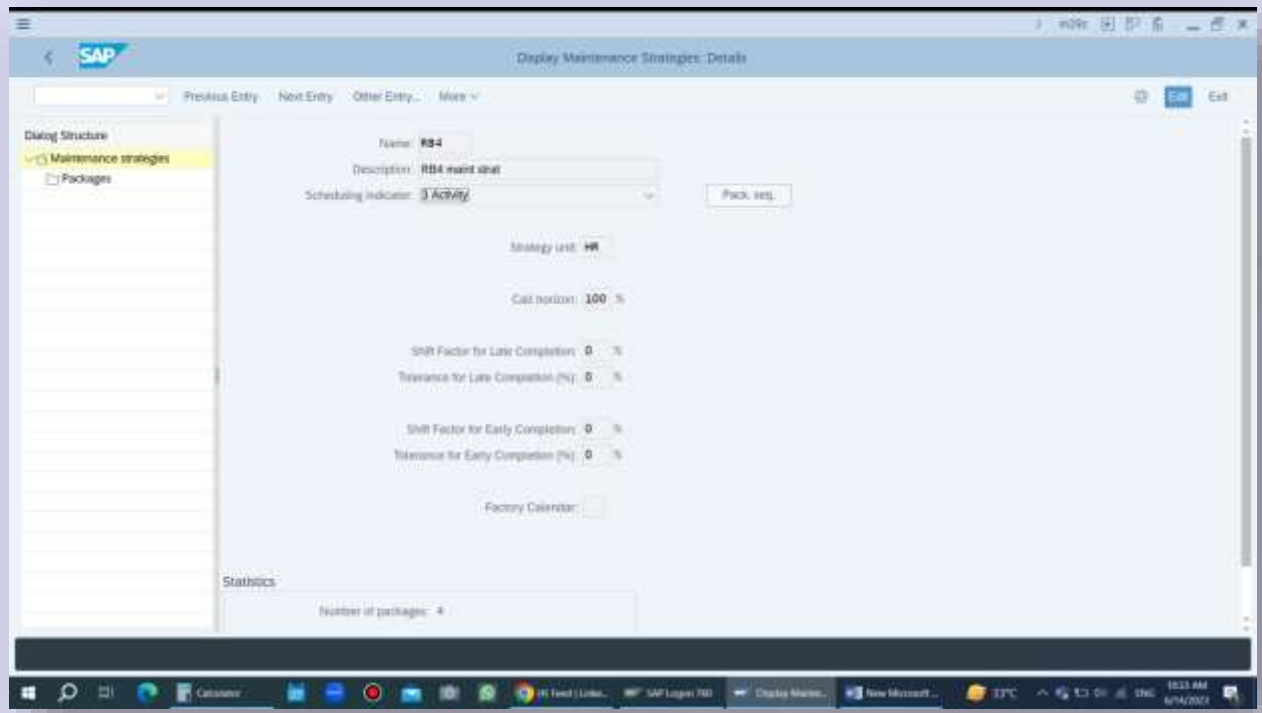
Create Measuring Document \_ IK11

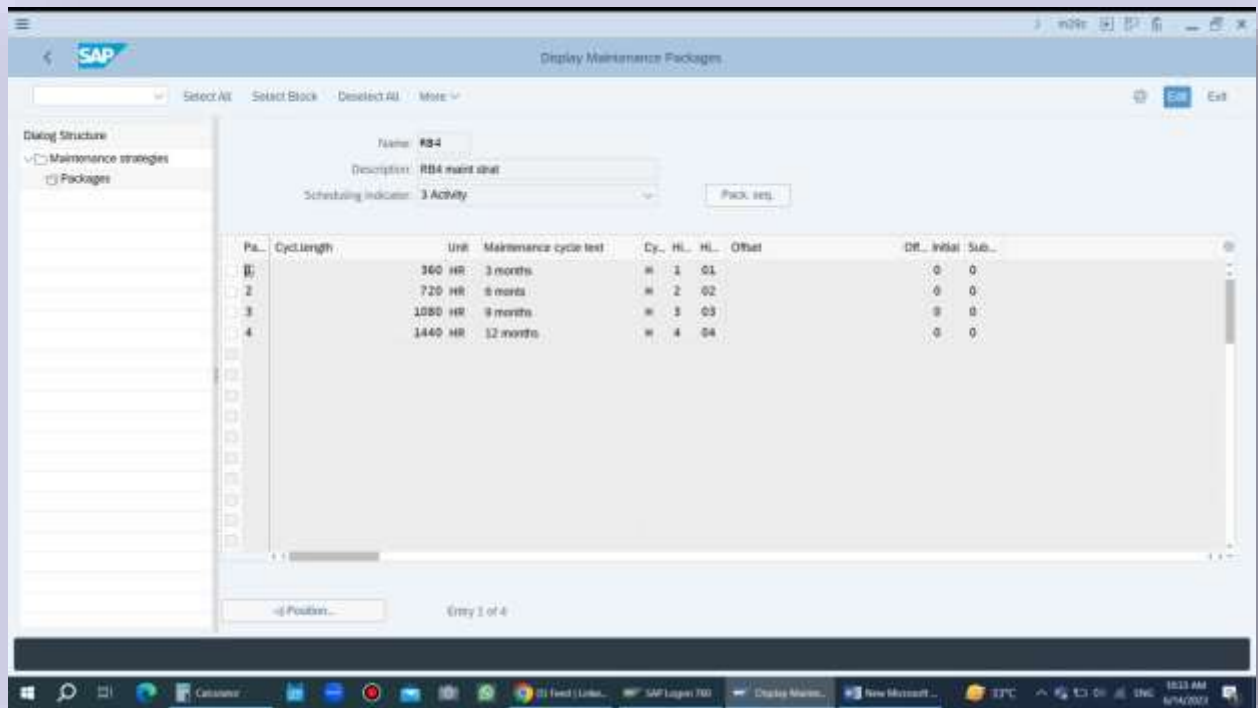




Create maintenance Strategy





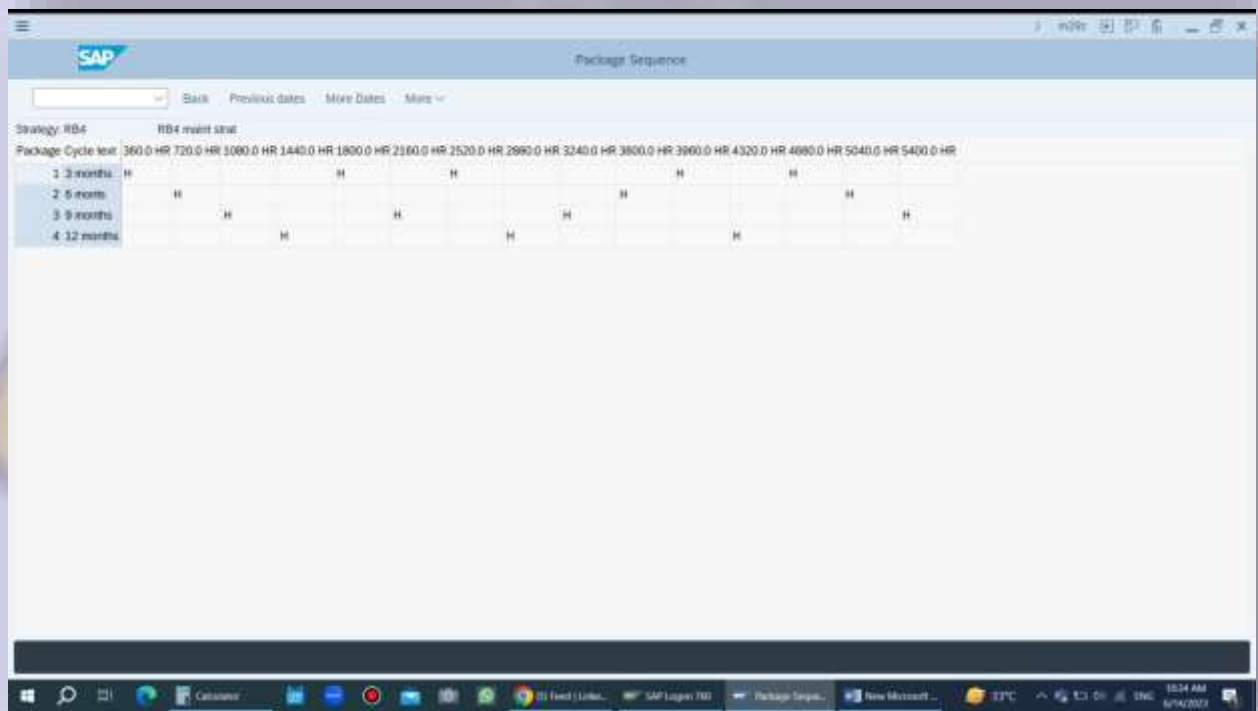


**Display Maintenance Packages**

Name: RB4  
 Description: RB4 maint strat  
 Scheduling Indicator: 3 Activity

Pa.	CyclLength	Unit	Maintenance cycle text	Cy.	HL	HL	Other	Def.	Initial	Sub.
1	360	HR	3 months	1	01			0	0	
2	720	HR	6 months	2	02			0	0	
3	1080	HR	9 months	3	03			0	0	
4	1440	HR	12 months	4	04			0	0	

Entry 1 of 4



**Package Sequence**

Strategy: RB4  
 Description: RB4 maint strat

Package Cycle text: 360.0 HR 720.0 HR 1080.0 HR 1440.0 HR 1800.0 HR 2160.0 HR 2520.0 HR 2880.0 HR 3240.0 HR 3600.0 HR 3960.0 HR 4320.0 HR 4680.0 HR 5040.0 HR 5400.0 HR

Package Cycle text	360.0 HR	720.0 HR	1080.0 HR	1440.0 HR	1800.0 HR	2160.0 HR	2520.0 HR	2880.0 HR	3240.0 HR	3600.0 HR	3960.0 HR	4320.0 HR	4680.0 HR	5040.0 HR	5400.0 HR
1 3 months	H														
2 6 months		H													
3 9 months			H												
4 12 months				H											

Create Equipment Task List – IA01

Display Equipment Task List: Header General View

Equipment: 30001038 Gen Set 600 KVA HONDA 3003 14 Jun23  
 Group: 8 Gen Set 600 KVA HONDA 3003 14 Jun23

Group: 8  
 Group Counter: 1 Gen Set 600 KVA HONDA 3003 14 Jun23  
 Planning Plant: 3003  
 External ID:

Assignments to Header

Work center: BQVC2 / 3003 - Bahrain Qandh Work Centre 2-2 160 23  
 Usage: 4 Plant maintenance  
 Planner Group: MPG - No planner grp  
 Overall Status: 4 Released (general)  
 System Condition:  
 Maintenance Strategy: R04 - R04 make stop  
 Assembly:

Decision Flag

Task List

Display Equipment Task List: Operation Overview

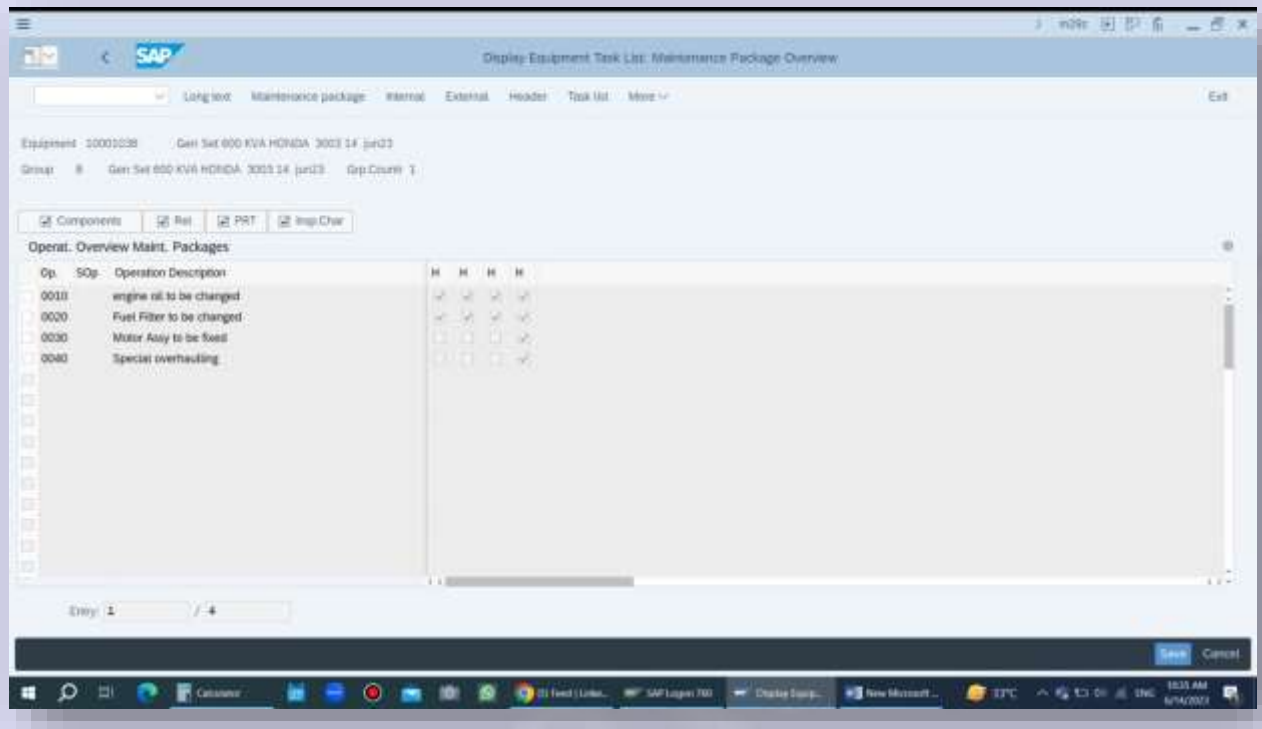
Equipment: 30001038 Gen Set 600 KVA HONDA 3003 14 Jun23  
 Group: 8 Gen Set 600 KVA HONDA 3003 14 Jun23 Gp Countr 1

All Pack  Components  Rel  PRT  SPack  Insp-Chat

General Operation Overview

OpAc	SOp	Work or	Pln	Cnt	Operation Description	LT	Work	Un.	Res.	Duration	Un.	C	Pct	Int. det.	Fac.	ActTyp	SfIntity	Assembly
0010	BQVC2	3003	PM01		engine oil to be changed	0		H	0	0	H	0						1
0020	BQVC2	3003	PM01		Fuel Filter to be changed	0		H	0	0	H	0						1
0030	BQVC2	3003	PM01		Motor Assy to be fixed	0		H	0	0	H	0						1
0040	BQVC2	3003	PM01		Special overhauling	0		H	0	0	H	0						1

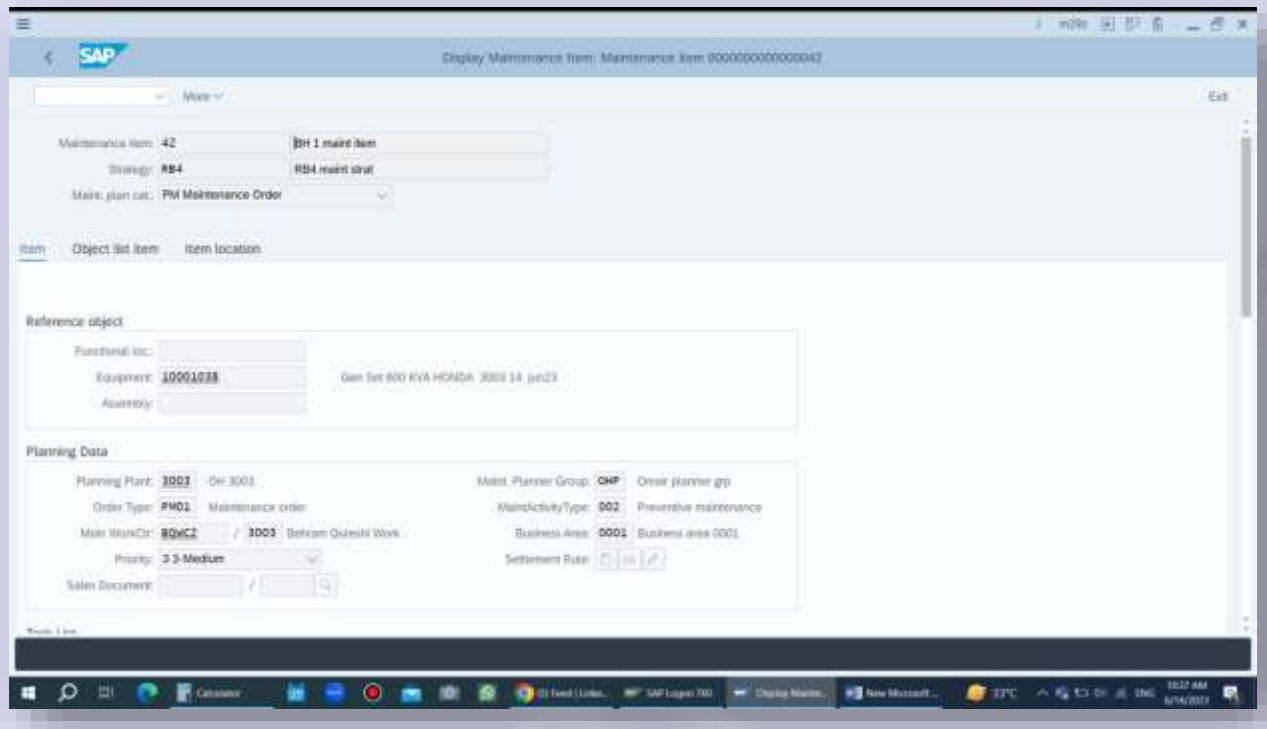
Entry: 1 / 4



Create Maintenance Item – IP05

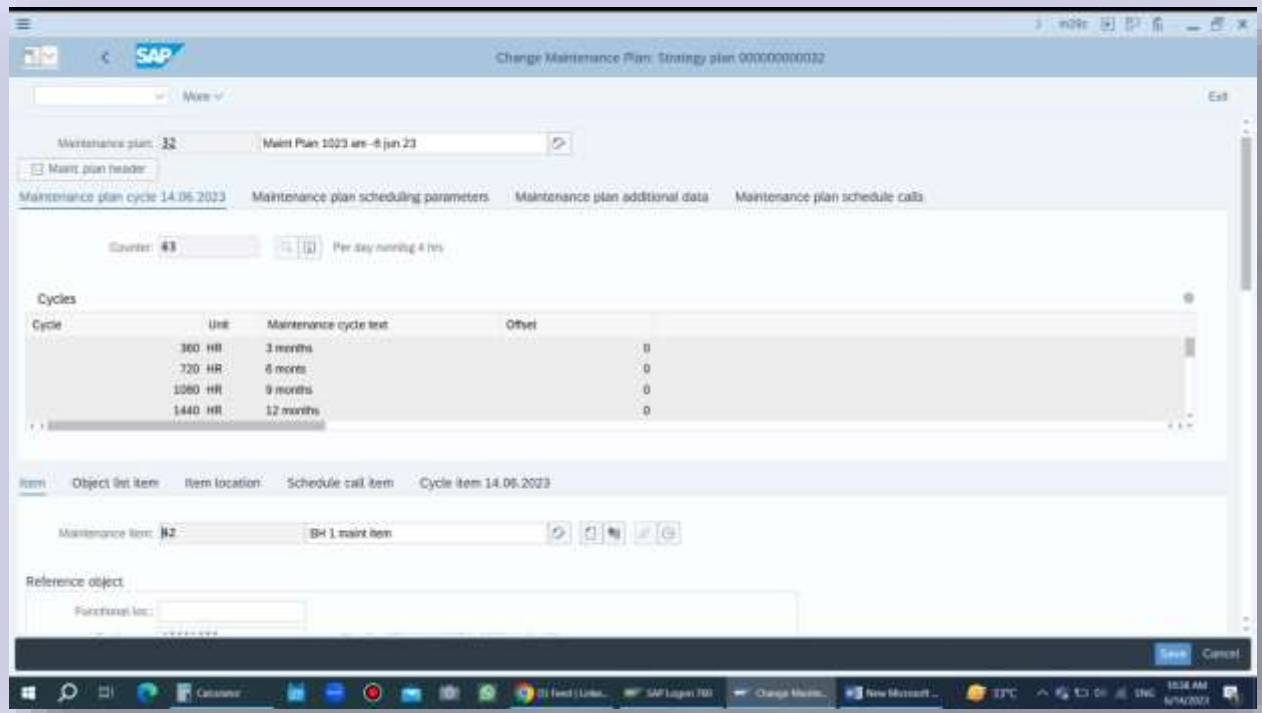






Create Strategy Maintenance Plan- IP42





## Schedule Strategy Maintenance Pan –IP10



SAP Schedule Maintenance Plan: String plan 00000000032

Maintenance plan: 32    Maint Plan 1003 are-6 jan 23

Scheduled calls    Manual calls    Maintenance plan scheduling parameters    Maintenance plan additional data

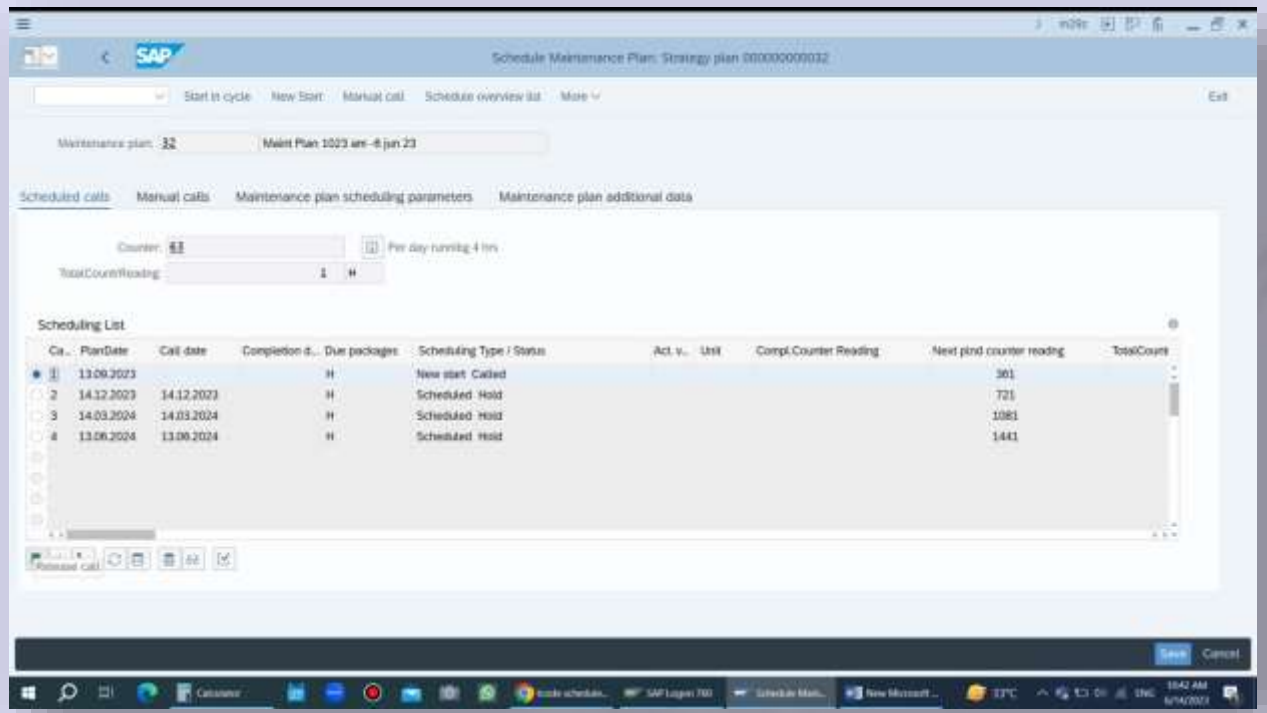
Counter: 88    Per day running: 4 hrs  
 TotalCount/Reading: 1 H

Ca.	PlanDate	Call date	Completion d.	Due package	Scheduling Type / Status	Act. v.	Unit	Compl. Counter Reading	Next plnd counter reading	TotalCount
1	13.06.2023			H	New start Called				301	
2	14.12.2023	14.12.2023		H	Scheduled Hold				721	
3	14.03.2024	14.03.2024		H	Scheduled Hold				1081	
4	13.06.2024	13.06.2024		H	Scheduled Hold				1441	

Buttons: Save, Cancel

## Release Plan





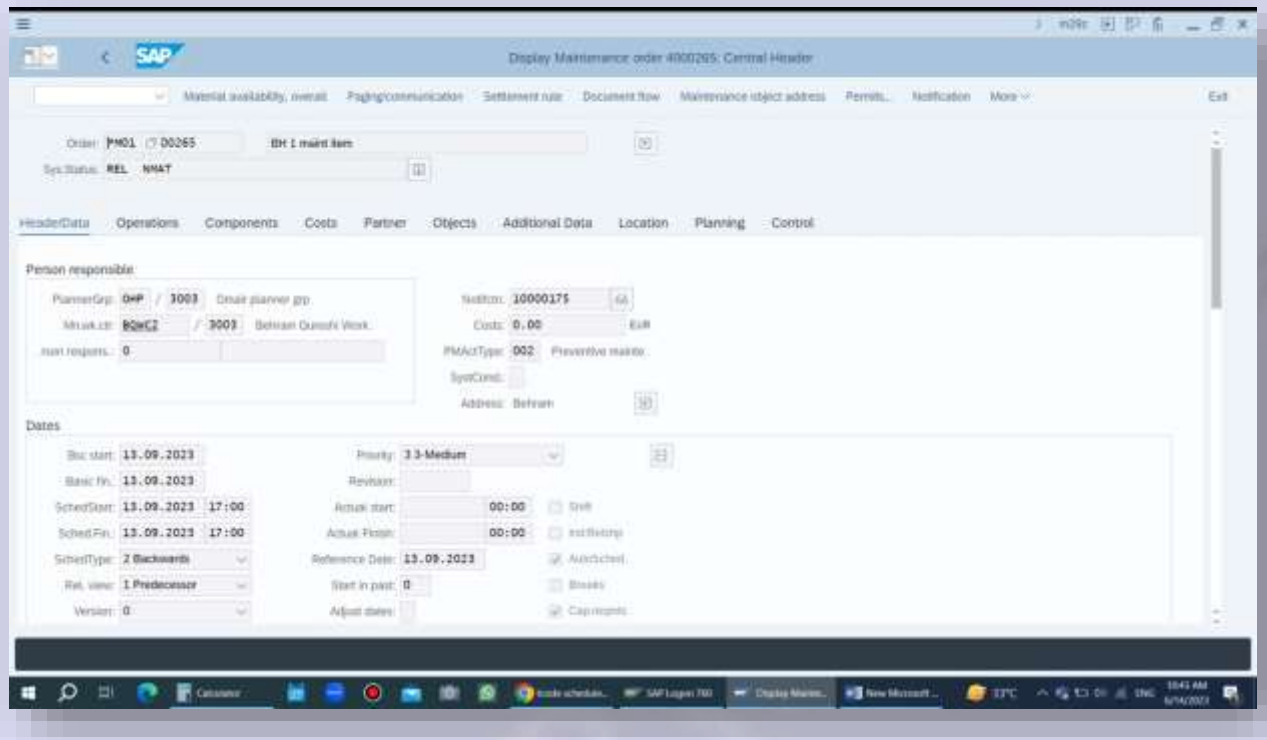
The screenshot shows the SAP 'Schedule Maintenance Plan' interface for a stringing plan. The main window displays the 'Scheduling List' with the following data:

Ca.	PlanDate	Call date	Completion d.	Due package	Scheduling Type / Status	Act. v.	Unit	Compl. Counter Reading	Next plnd counter reading	TotalCount
1	13.06.2023			H	New start Called				301	
2	14.12.2023	14.12.2023		H	Scheduled Hold			721		
3	14.03.2024	14.03.2024		H	Scheduled Hold			1081		
4	13.06.2024	13.06.2024		H	Scheduled Hold			1441		

Additional interface details include: Maintenance plan: 32, Wait Plan 1023 ans - 6 Jun 23, Counter: 88, Per day running: 4 hrs, TotalCount/Reading: 1 H, and a 'Released call' button at the bottom left.

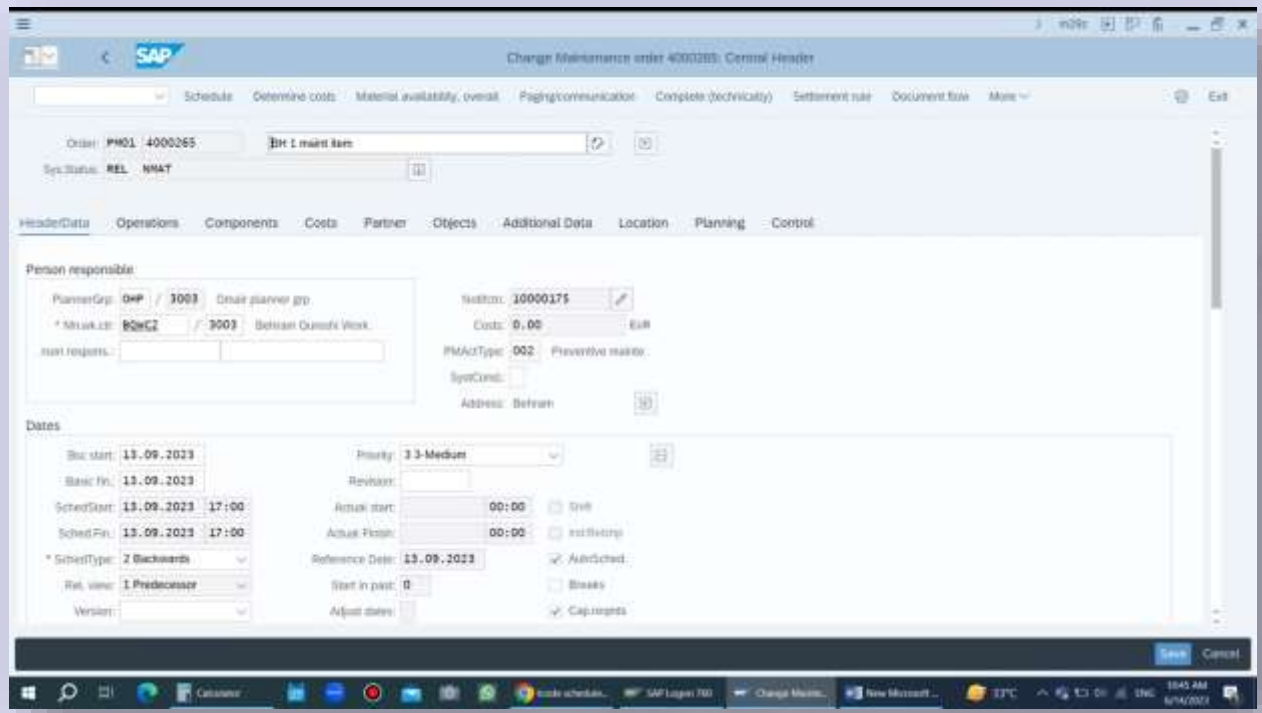
Preventive maintenance order created as per call & released





## Change Preventive Maintenance Plan- IW32





See operations



SAP Change Maintenance order 4000265 - Operation Overview

Order: PM01 4000265    BH 1 maint item

Sys Status: REL NMA7

HeaderData    Operations    Components    Costs    Partner    Objects    Additional Data    Location    Planning    Control

OpAc	SOp	Work cr	Plant	Con.	Sr/objK	S	Operation short text	Lo.	Actual work	Work	Un	PL	Out	Un	Cd
0010		8QWC2	3003	PM01			engine oil to be changed		0						
0020		8QWC2	3003	PM01			Fuel Filter to be changed		0			H			H
0030		8QWC2	3003						0.000						
0040		8QWC2	3003						0.000						
0050		8QWC2	3003						0.000						
0060		8QWC2	3003						0.000						
0070		8QWC2	3003						0.000						
0080		8QWC2	3003						0.000						
0090		8QWC2	3003						0.000						
0100		8QWC2	3003						0.000						
0110		8QWC2	3003						0.000						
0120		8QWC2	3003						0.000						

Windows taskbar: Calculator, Google Chrome, SAP Layer 700, Change Maint., New Microsoft ... 33°C, 10:45 AM 1/14/2024

Order confirmation \_ IW41- 1st operation



SAP Enter PM Order Confirmation: Actual Data

Order: 4000265 BR 1 maint base  
 OperAct: 0010 engine oil to be changed  
 System Status: REL

Confirmation Data

Confirmation: 2621  
 Work Center: B0WC2 03 Between Current Work Centre 2-2 Job 23  
 Personnel no.:  
 Actual Work:  Activity Type:  \* Posting Date: 14.06.2023  
 Final Confirmation  No Remain. Work Authorisation:   
 Clear Open Res. Remaining Work:  H  
 \* Work Start: 14.06.2023 00:00:00 Actual Duration:  H  
 \* Work Finish: 14.06.2023 07:46:12 Forecast End:  24:00:00  
 Reason:   
 Confirm. text:  Long Text Entry:

Total Confirmation Data

Cum Actual Work:  0 H ActDuram:  0 H  
 Forecast work:  0 H Planned Dur:  0.0 H  
 Actual Start:  00:00:00 Actual End:  00:00:00

Buttons: Save, Cancel

2nd operation

SAP Enter PM Order Confirmation: Actual Data

Order: 4000265 BR 1 maint base  
 OperAct: 0020 Fuel Filter to be changed  
 System Status: REL

Confirmation Data

Confirmation: 2622  
 Work Center: B0WC2 03 Between Current Work Centre 2-2 Job 23  
 Personnel no.:  
 Actual Work:  Activity Type:  \* Posting Date: 14.06.2023  
 Final Confirmation  No Remain. Work Authorisation:   
 Clear Open Res. Remaining Work:  H  
 \* Work Start: 14.06.2023 00:00:00 Actual Duration:  H  
 \* Work Finish: 14.06.2023 07:46:12 Forecast End:  24:00:00  
 Reason:   
 Confirm. text:  Long Text Entry:

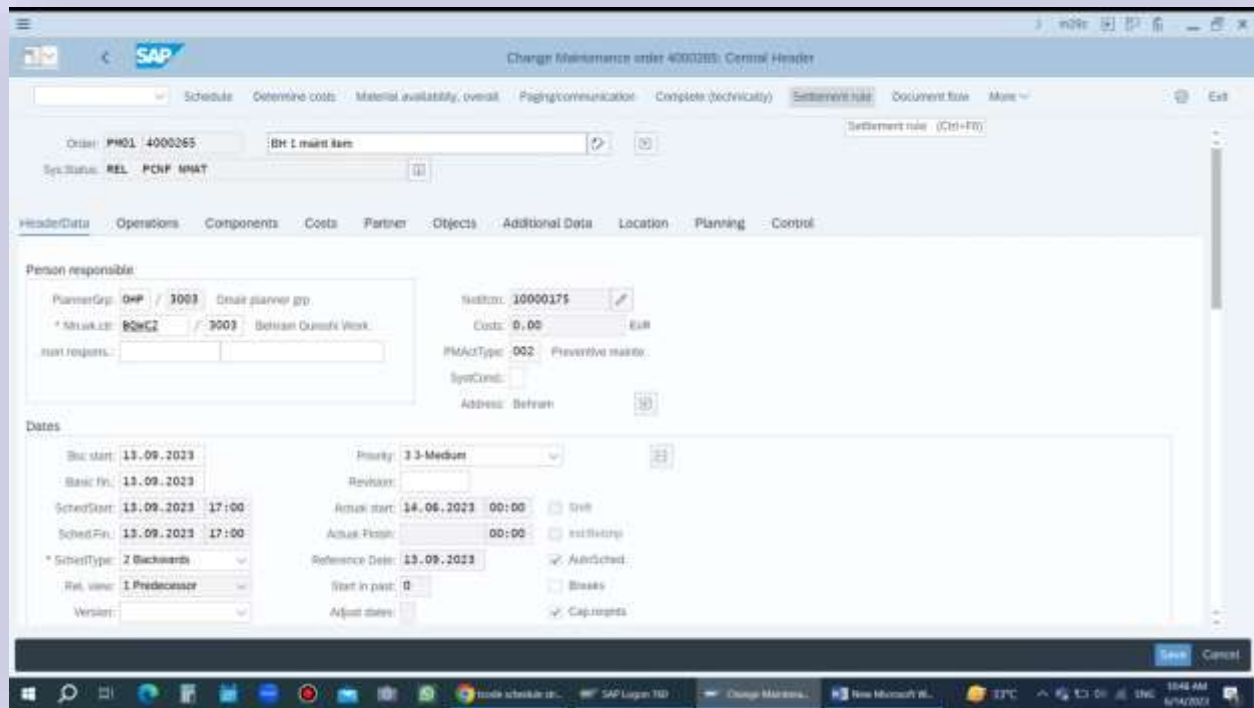
Total Confirmation Data

Cum Actual Work:  0 H ActDuram:  0 H  
 Forecast work:  0 H Planned Dur:  0.0 H  
 Actual Start:  00:00:00 Actual End:  00:00:00

Buttons: Save, Cancel



See settlement rule- IW32



Change Maintenance order 4000265, Central Header

Order: PH01 4000265 Bht 1 maint item

Settlement rule (Cto-FT)

Person responsible

PlannerGrp: OHP / 3003 Chair planner grp

\* MstrGrp: B0eG2 / 3003 Behran Ousef Work

Inst reqs: [ ]

InstGrp: [ ]

InstType: [ ]

InstCond: [ ]

Address: Behran

Dates

Planned start: 13.09.2023

Basic Pln: 13.09.2023

SchedStart: 13.09.2023 17:00

SchedFin: 13.09.2023 17:00

\* SchedType: 2 Backwards

Rel. view: 1 Predecessor

Version: [ ]

Priority: 3 3-Medium

Revision: [ ]

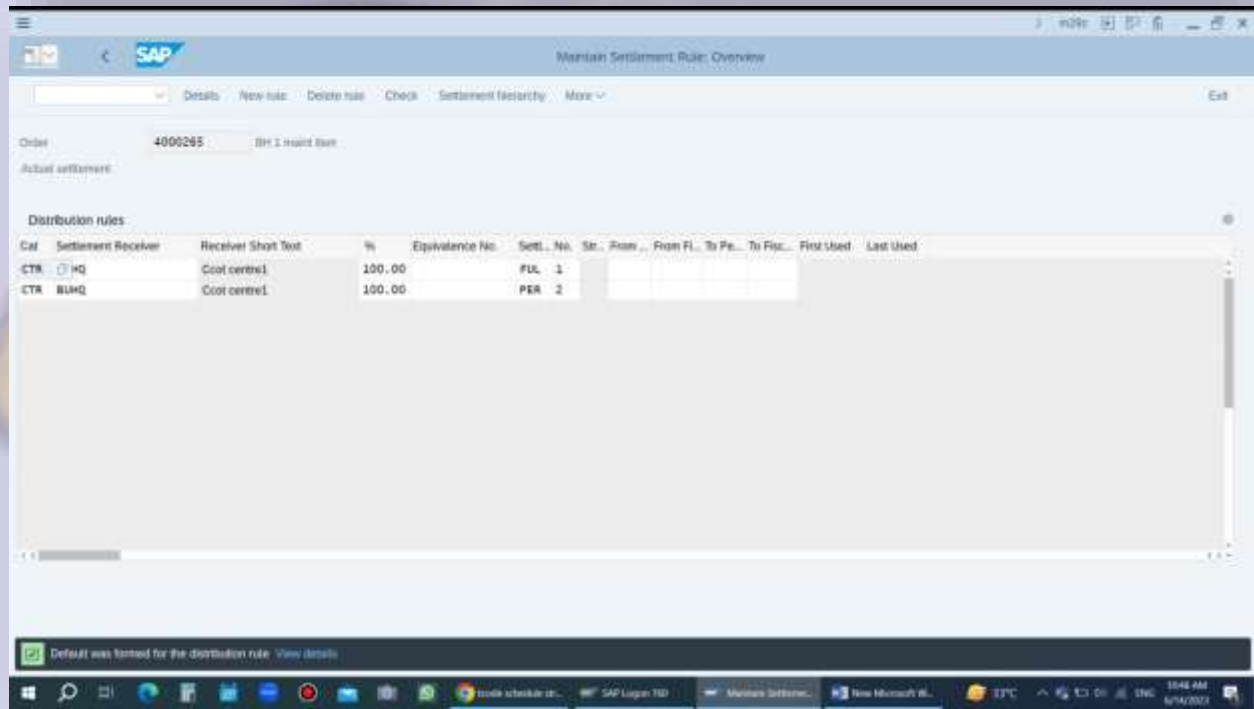
Actual start: 14.06.2023 00:00  OnH

Actual Fin: 00:00  existing

Reference Date: 13.09.2023  AutoChecked

Start in past: 0  Blocks

Adjust dates:  Cap.reports



Maintain Settlement Rule: Overview

Order: 4000265 Bht 1 maint item

Actual settlement

Distribution rules

Cat	Settlement Receiver	Receiver Short Text	%	Equivalence No.	Settl. No.	Str.	From...	From Pl...	To Pl...	First Used	Last Used
CTR	HQ	Coat centre1	100.00		FUL	1					
CTR	BLHQ	Coat centre1	100.00		PER	2					

Default was formed for the distribution rule. View details

See order status

SAP Change Maintenance order 4000265: Central Header

Order: PH01 4000265 | BH 1 maint item

Sys Status: REL PCNF NMAT SETC

Person responsible: Planner Grp: OHP / 3003 | Cost: 0.00 | PMActType: 002

Dates: Slic start: 13.09.2023 | Priority: 33-Medium | Actual start: 14.06.2023 00:00

Buttons: Save, Cancel

SAP Change Status

Status management information

Syst. Status: REL Released, PCNF Partially confirmed, NMAT No material components, SETC Settlement rule created

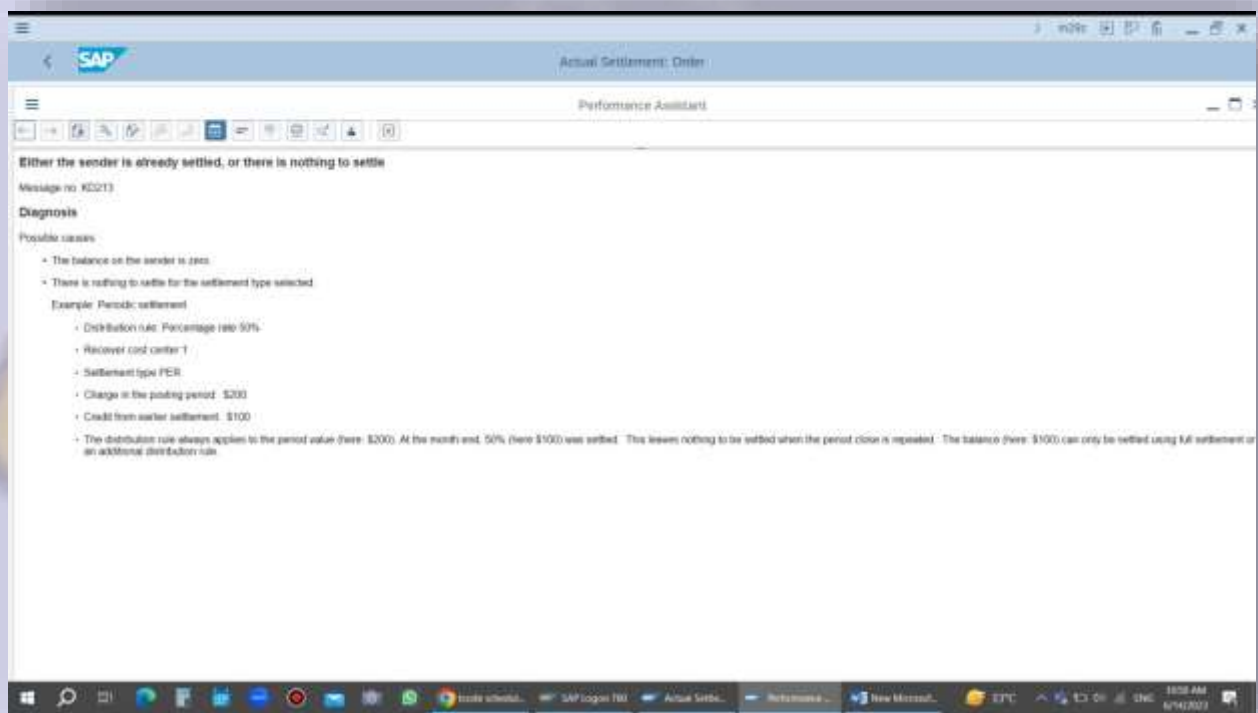
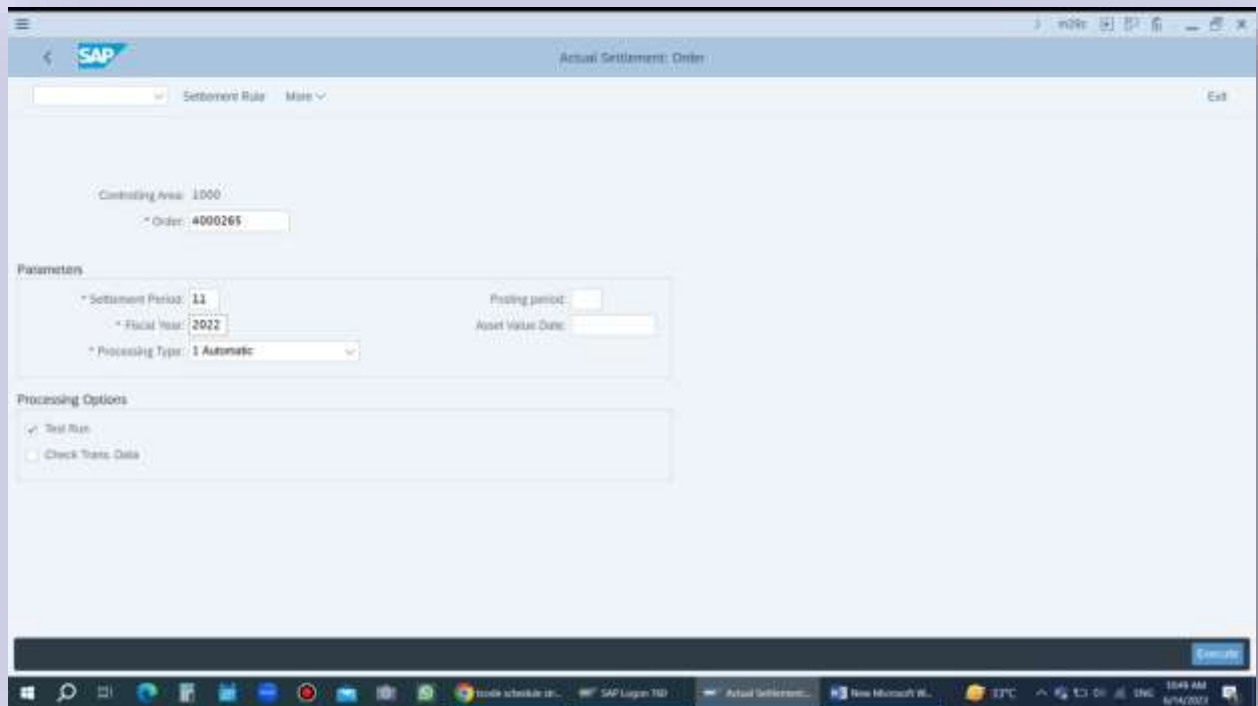
Status with Status Number: X Status Text No.

Status Without Status No.: X Status Text

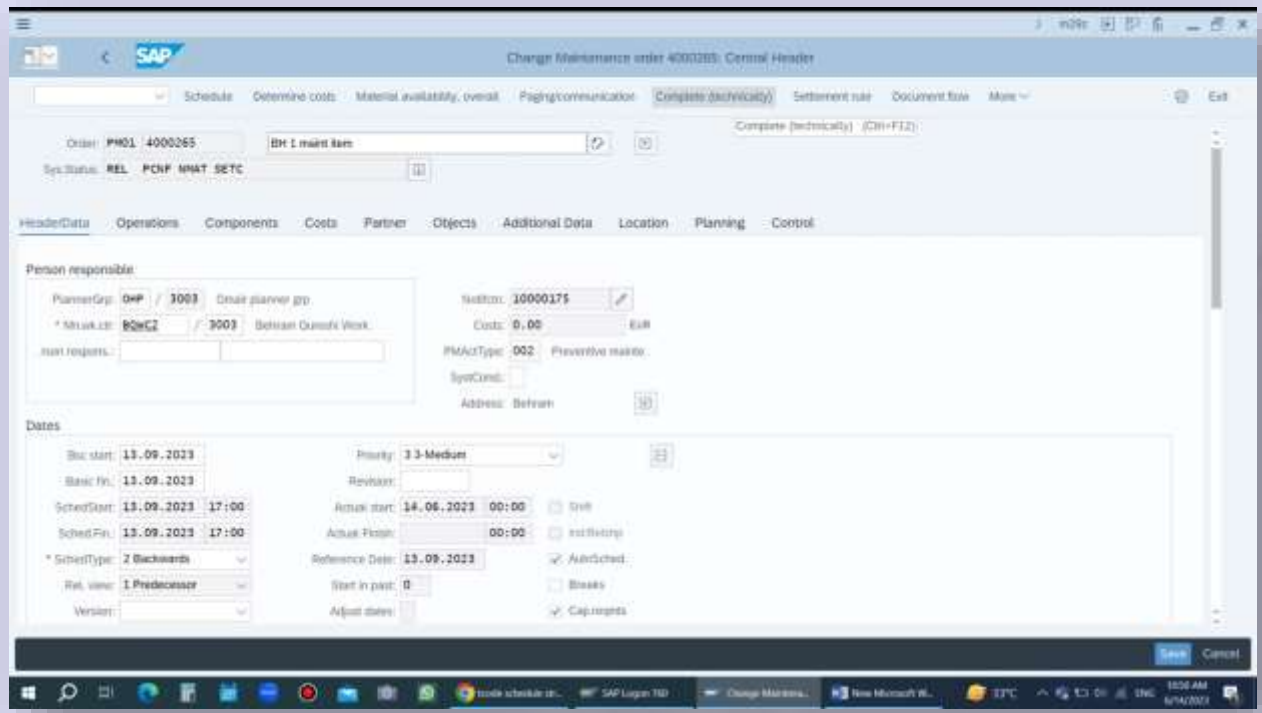
Buttons: Active Status, Change Desc.

Field: Status Profile

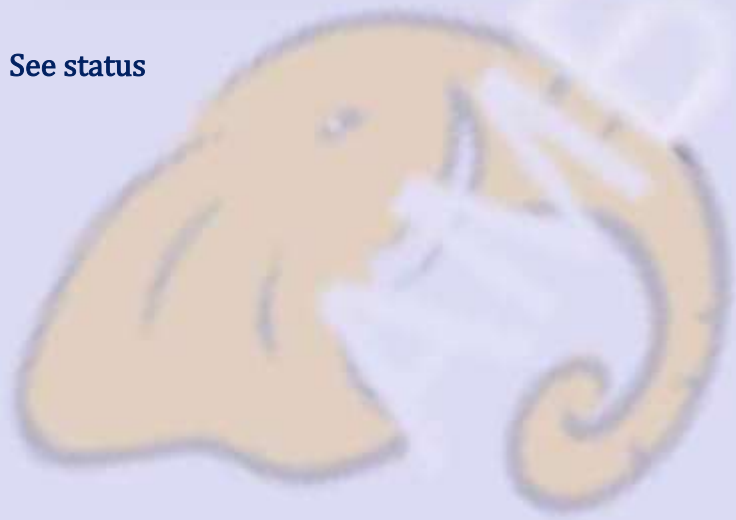
Order settlement – K088

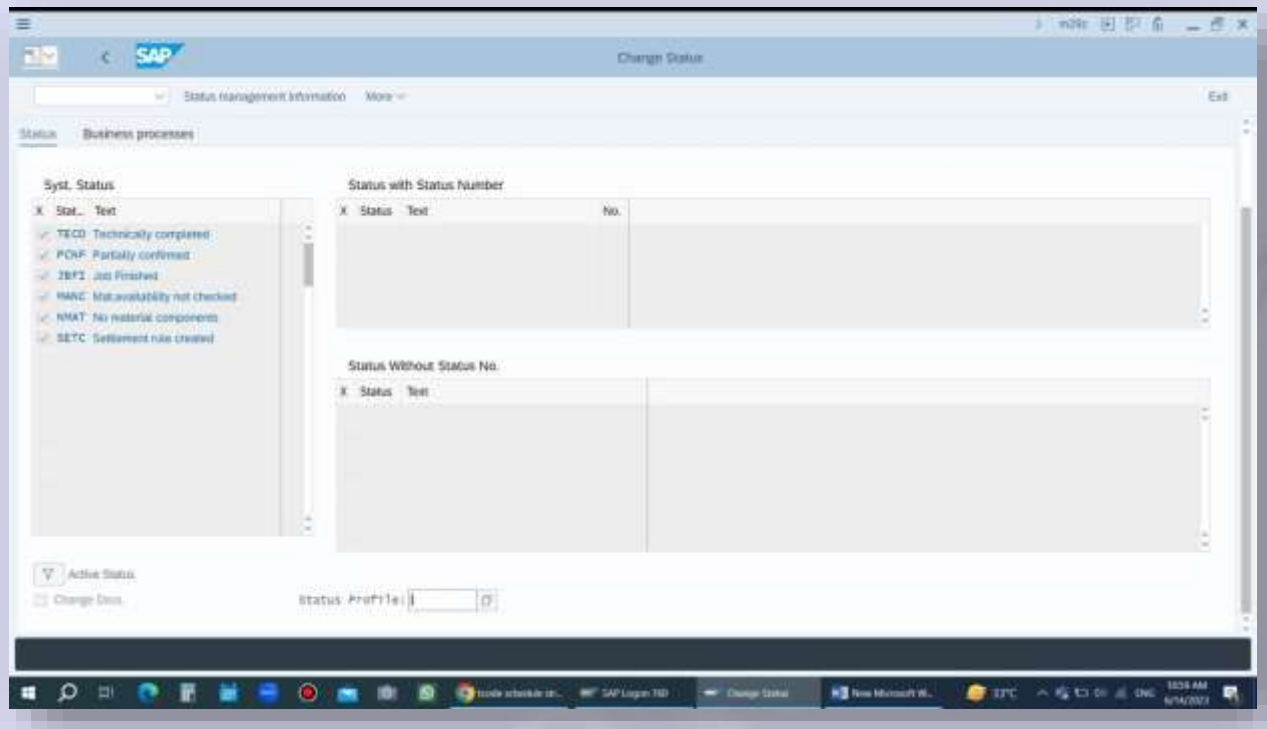


Go for TECO- technical completion- IW32



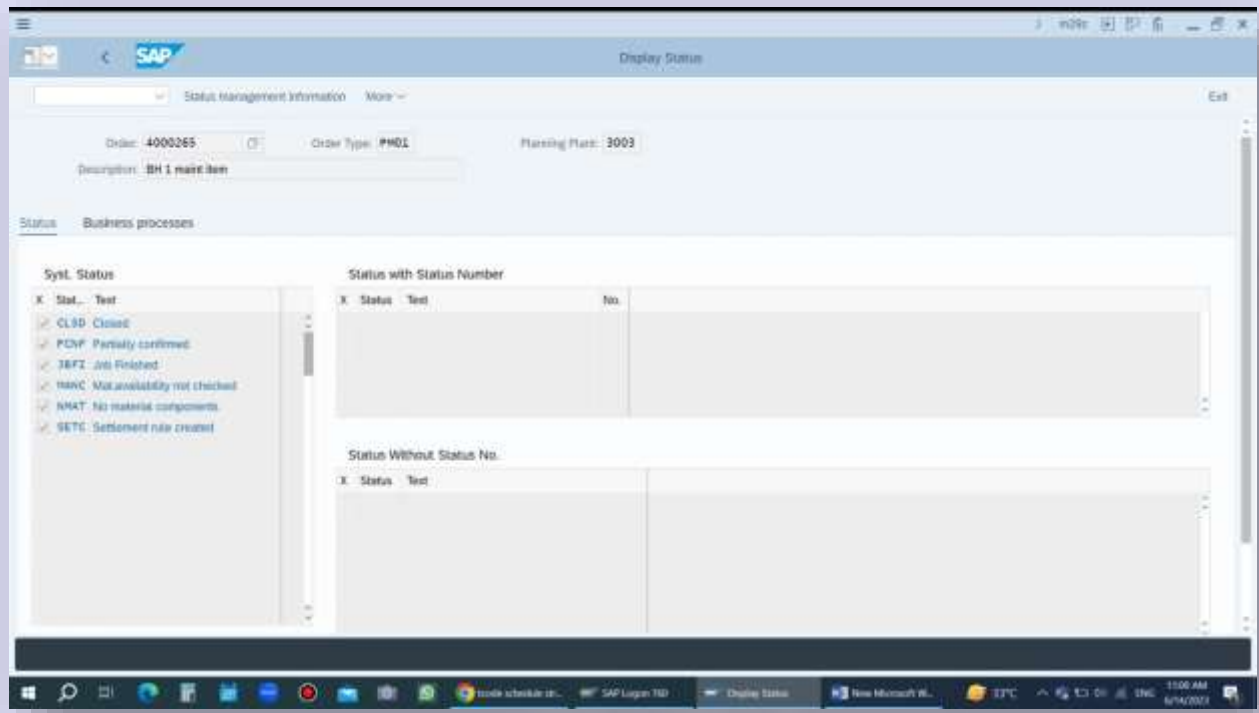
See status





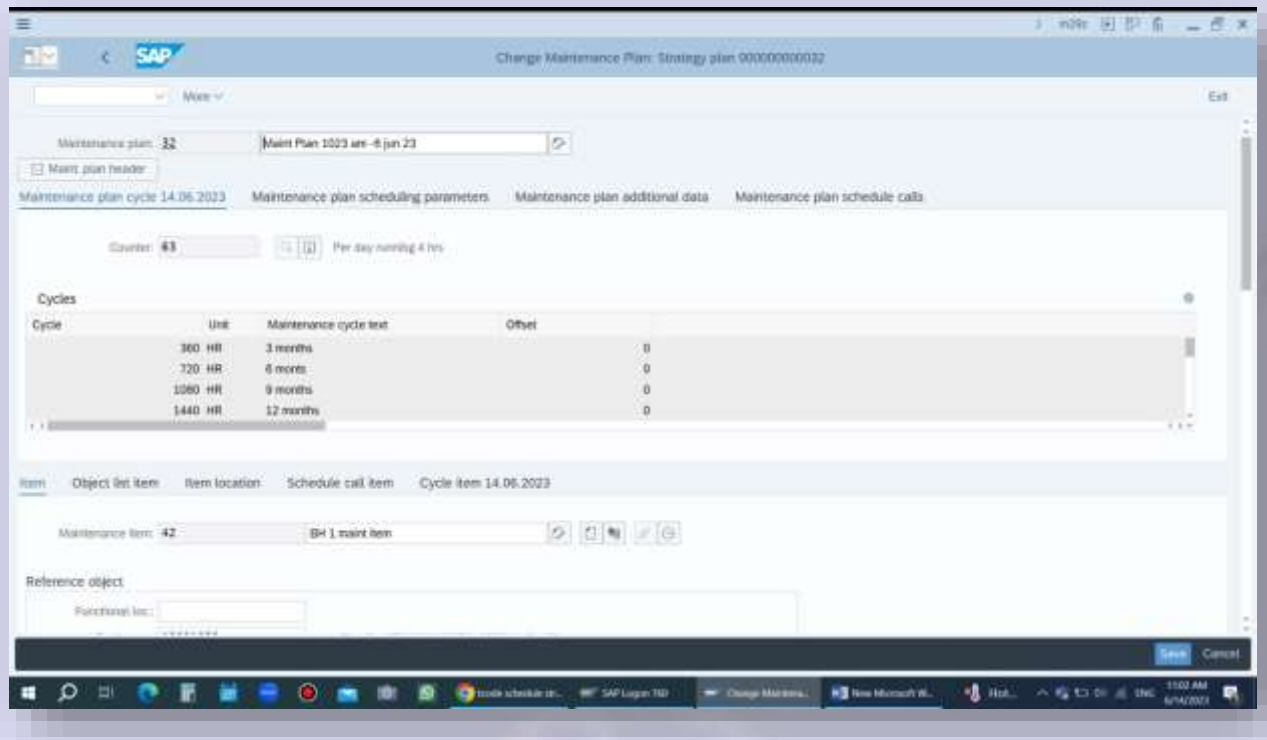
Complete business- status





Change Strategy maintenance plan – IW42





Go to maintenance plan schedule calls

Maintenance Order was supposed to be completed on 13/09/2023. But for training purpose we completed it on 14/06/2023

SAP Change Maintenance Plan: Stringy plan 0000000002

Maintenance plan: 32 Maint Plan 1003 are-6 Jun 23

Maintenance plan cycle 14.06.2023 Maintenance plan scheduling parameters Maintenance plan additional data Maintenance plan schedule calls

Scheduling List

Ca.	PlanDate	Call date	Completion d.	Due packages	Scheduling Type / Status	Act. v.	Unit	Compt.Counter Reading	Next period counter reading	TotalCounter
1	13.06.2023		14.06.2023	H	New start Complete	01-	Da	1	361	
2	14.12.2023	14.12.2023		H	Scheduled Hold				721	
3	14.03.2024	14.03.2024		H	Scheduled Hold				1081	
4	13.06.2024	13.06.2024		H	Scheduled Hold				1441	

Item: Object list item Item location: Schedule call item Cycle item 14.06.2023

Maintenance item: 42 BH 1 maint item

Reference object

Functional loc:

Search Cancel

See next call





SAP Change Maintenance Plan: Stringy plan 00000000002

Maintenance plan: 32 Maint Plan 1003 are-6 jan 23

Maintenance plan cycle 14.06.2023 Maintenance plan scheduling parameters Maintenance plan additional data Maintenance plan schedule calls

Scheduling List

Ca.	PlanDate	Call date	Completion d.	Due packages	Scheduling Type / Status	Act. v.	Unit	Compt.Counter Reading	Next period counter reading	TotalCounter
1	13.06.2023		14.06.2023	H	New start Complete	01-	Da	1	361	
2	14.12.2023	14.12.2023		H	Scheduled Hold				721	
3	14.03.2024	14.03.2024		H	Scheduled Hold				1081	
4	13.06.2024	13.06.2024		H	Scheduled Hold				1441	

Item: Object list item Item location: Schedule call item Cycle item 14.06.2023

Maintenance item: 42 BH 1 maint item

Reference object

Functional loc.:

Search Cancel



# THANK YOU



- **Corporate Training**
- **Instructor LED Training**
- **Seminars & Workshop Internship**
- **Mock Interview**
- **Customised Courses**
- **Project Support For Implementation**
- **Staff Augmentation And Talent**



**SAP Knowledge Hub**