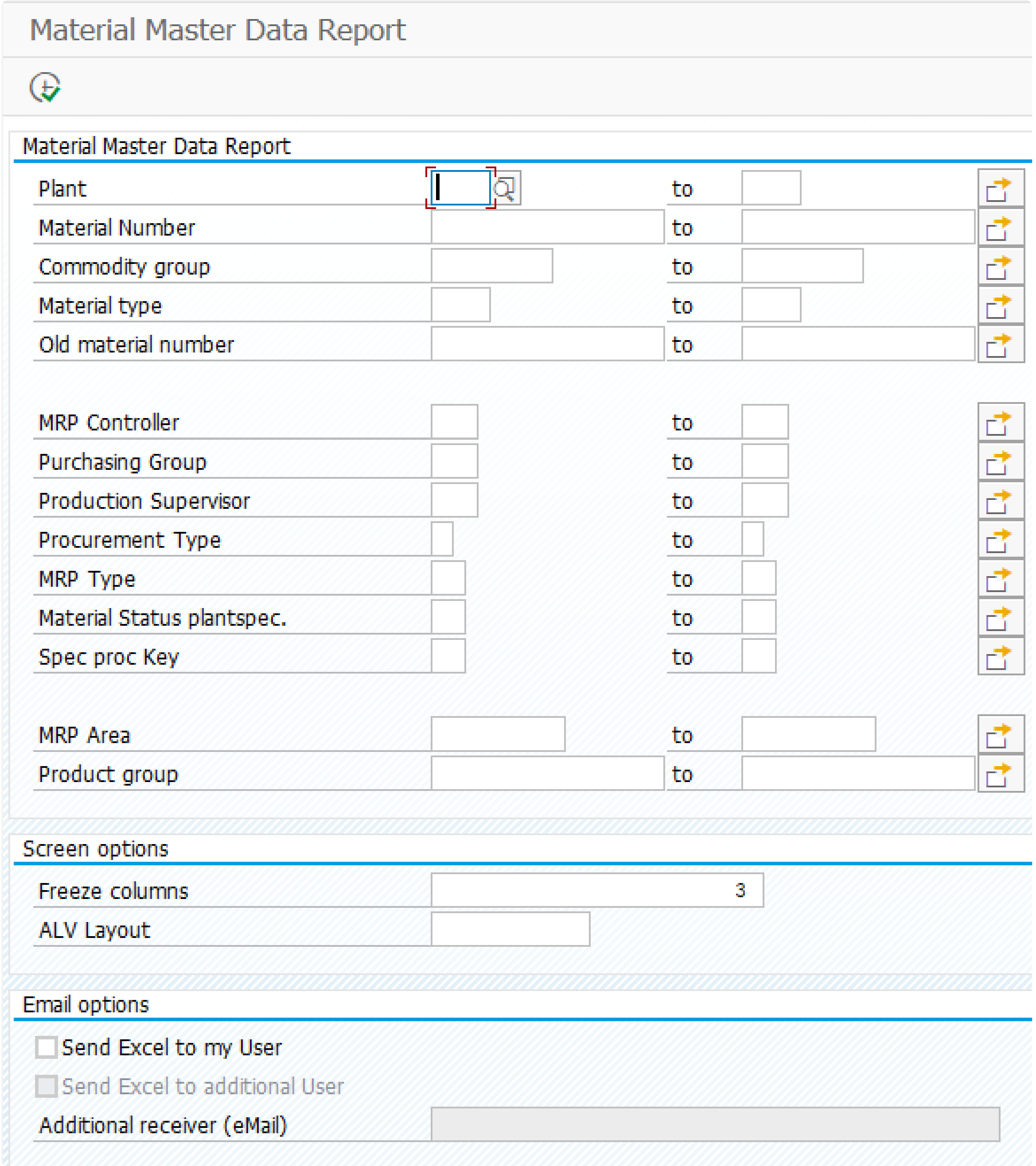
News Rel. 1.3 BGL 1 as of 2023.02.27

New functions Rel. 1.3 BGL 1 as of 2023.02.27

SYNRE-1183 New Report Materialmaster (ZPPR_MATERIAL_MASTER)

- Assigned Role "SCM_Reporting"
- New transaction ZPPR_MATERIAL_MASTER
- Selection Screen offers a lot of pre-selection options:



Material Master Data Report

Material Master Data Report

Plant		to	
Material Number		to	
Commodity group		to	
Material type		to	
Old material number		to	
MRP Controller		to	
Purchasing Group		to	
Production Supervisor		to	
Procurement Type		to	
MRP Type		to	
Material Status plantspec.		to	
Spec proc Key		to	
MRP Area		to	
Product group		to	

Screen options

Freeze columns	3
ALV Layout	

Email options

- [ ] Send Excel to my User
- [ ] Send Excel to additional User

Additional receiver (eMail)

- Output a big table with many columns. Make Excel download and delete columns which you do not need

Material Master Data Report

Plant	Material	Material Description	Prod.Group	Unit	Order Unit	MatlStatus	Descr.	MatlStatus	Plant-Sp. Matl.Statu	Matl type	OldMat.Nr.	Proc. Type
1178	300056683-002	2276_BR214_UL_LIN_RGBW.PrjPcbPWB		PC		50	Active	70	Prepare for inactivation	ZMAT	DSNM=E0300216	F
	300056683-004	2276_BR214_UL_LIN_RGBW.PrjPcbPWB		PC		50	Active	50	Active	ZMAT	DSNM=E0300239	F
	590001129-001	220pF_50V		PC		50	Active	50	Active	ZMAT	DSNM=E2200364	F
	590005232-001	CON_AMB_PIN_HEADER_4pol		PC		50	Active	50	Active	ZMAT	DSNM=G0410160	F
	590005232-002	CON_AMB_PIN_HEADER_4pol		PC		50	Active	50	Active	ZMAT	DSNM=G0410161	F
	590005636-001	S-SOD4004-SH		PC		50	Active	50	Active	ZMAT	DSNM=E4100120	F
	590005680-001	1uF_50V_ST5		PC		50	Active	50	Active	ZMAT	DSNM=E2200369	F

- Note that the MRP parameters for MDMA table (MRP-Area X-Dock) are the last ones:

MRPa exist	MRP Area	MRP Type	Reorder Pt	PlTmFnce	Plnd Deliv	MRP Cont.	Lot Sizing	MinLotSize	MaxLotSize	Round val.	SLoc EP	Calendar	Safety Stk
X	1178-1138	P1	0	83	0	A38	Z3	5.940	0	5.940	1178	000	0
X	1178-1138	P1	0	1	1	A38	Z3	0	0	112.959	1178	999	0
X	1178-1138	P1	0	123	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1178	002	0
X	1178-1138	P1	0	85	[illegible]	[illegible]	[illegible]	[illegible]	0	1.000	1178	001	0
X	1178-1138	P1	0	100	0	A38	Z3	1.000	0	1.000	1178	001	0
X	1178-1138	P1	0	1	0	A38	Z3	0	0	1.000	1178	001	0
X	1178-1138	P1	0	130	0	A38	Z3	0	0	3.000	1178	000	0

MDMA-Table = MRP-relevant data MRP area 1178-1138 (X-Dock plant)

- You have the option to send directly the excel to yourself or additional user but take some time: pls. write email like werner.becker@draexlmaier.com

Email options

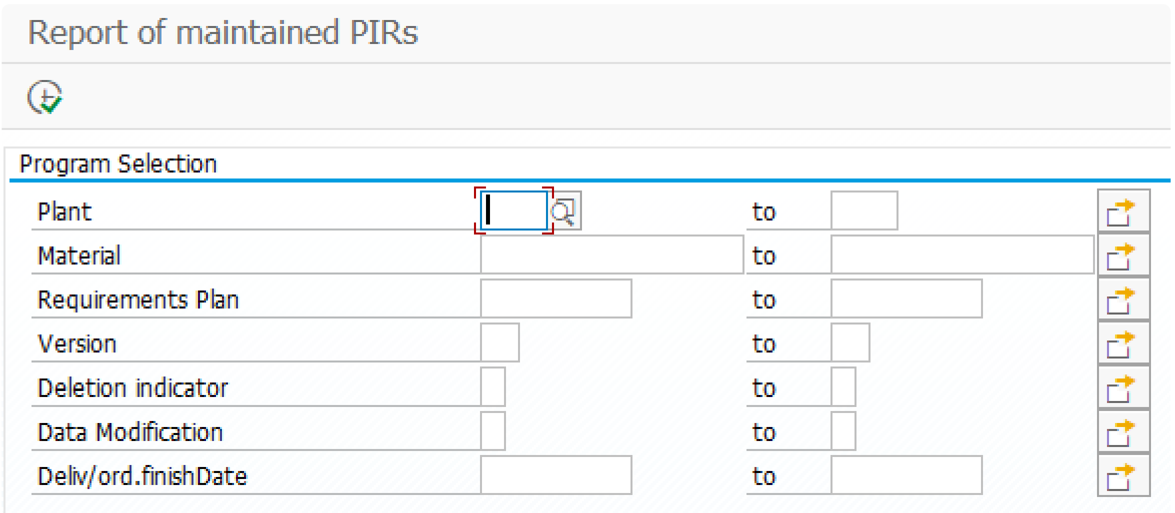
- [x] Send Excel to my User
- [ ] Send Excel to additional User

Additional receiver (eMail)

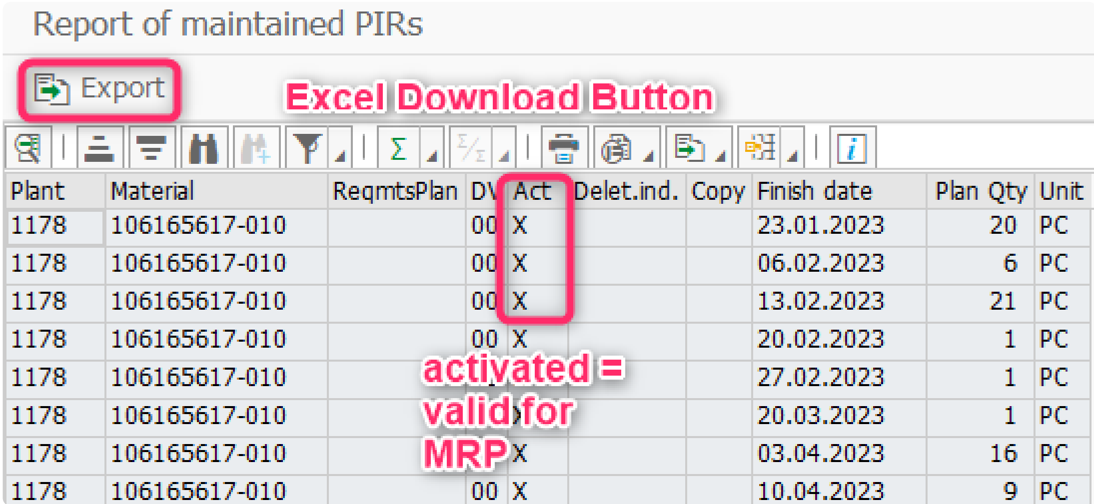
SYNRE-1273: Download PIR-ZVSF (ZPPR_REPORT_PIRS)

When you maintain manual the Planning Independent Requirements (PIRS = ZVSF) it could be that you make mistakes in the qty. or ste activate button which should not be. Now you can make an Excel download to compare if all data is correct.

- Assigned Role "SCM_Reporting"
- New transaction ZPPR_REPORT_PIRS
- Selection Screen offers following pre-selection options:



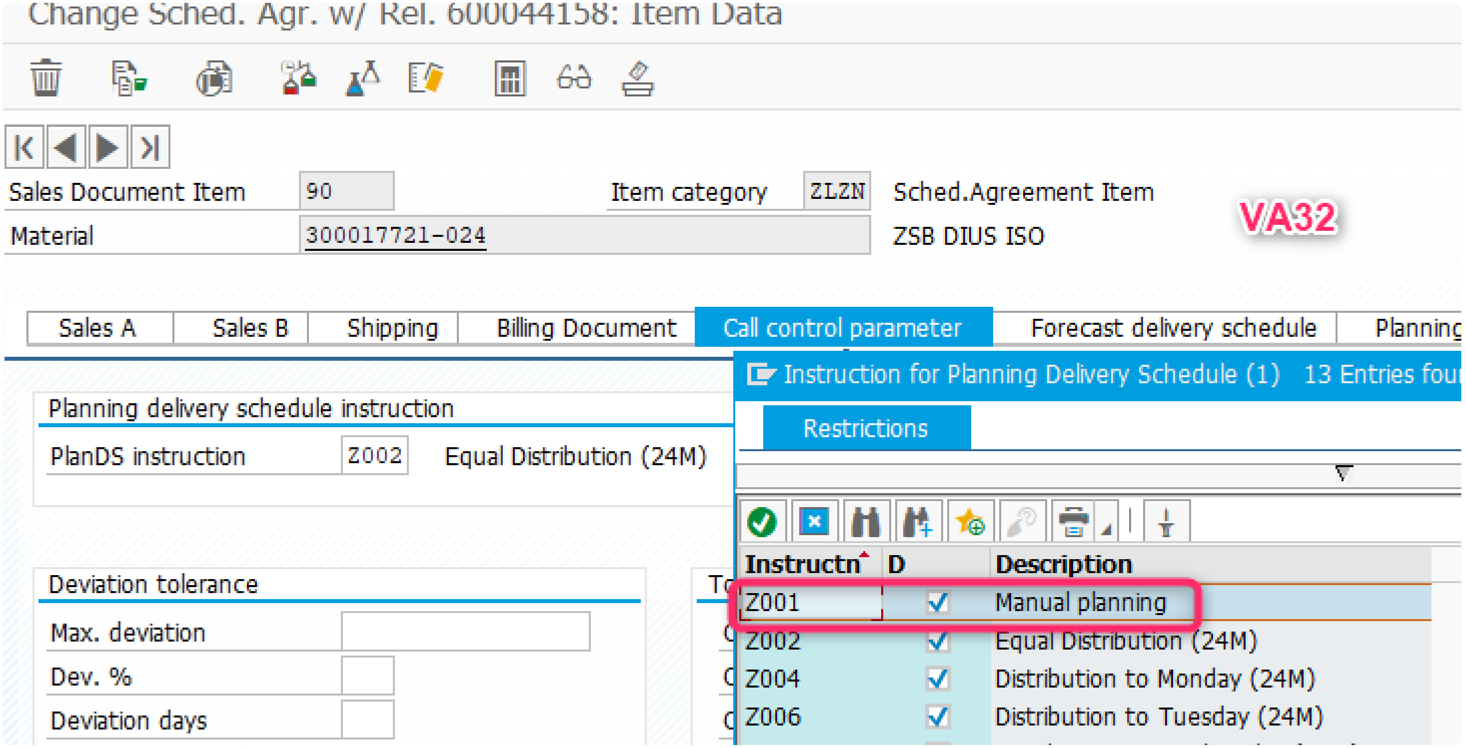
- Output as a table where you can make an Excel download



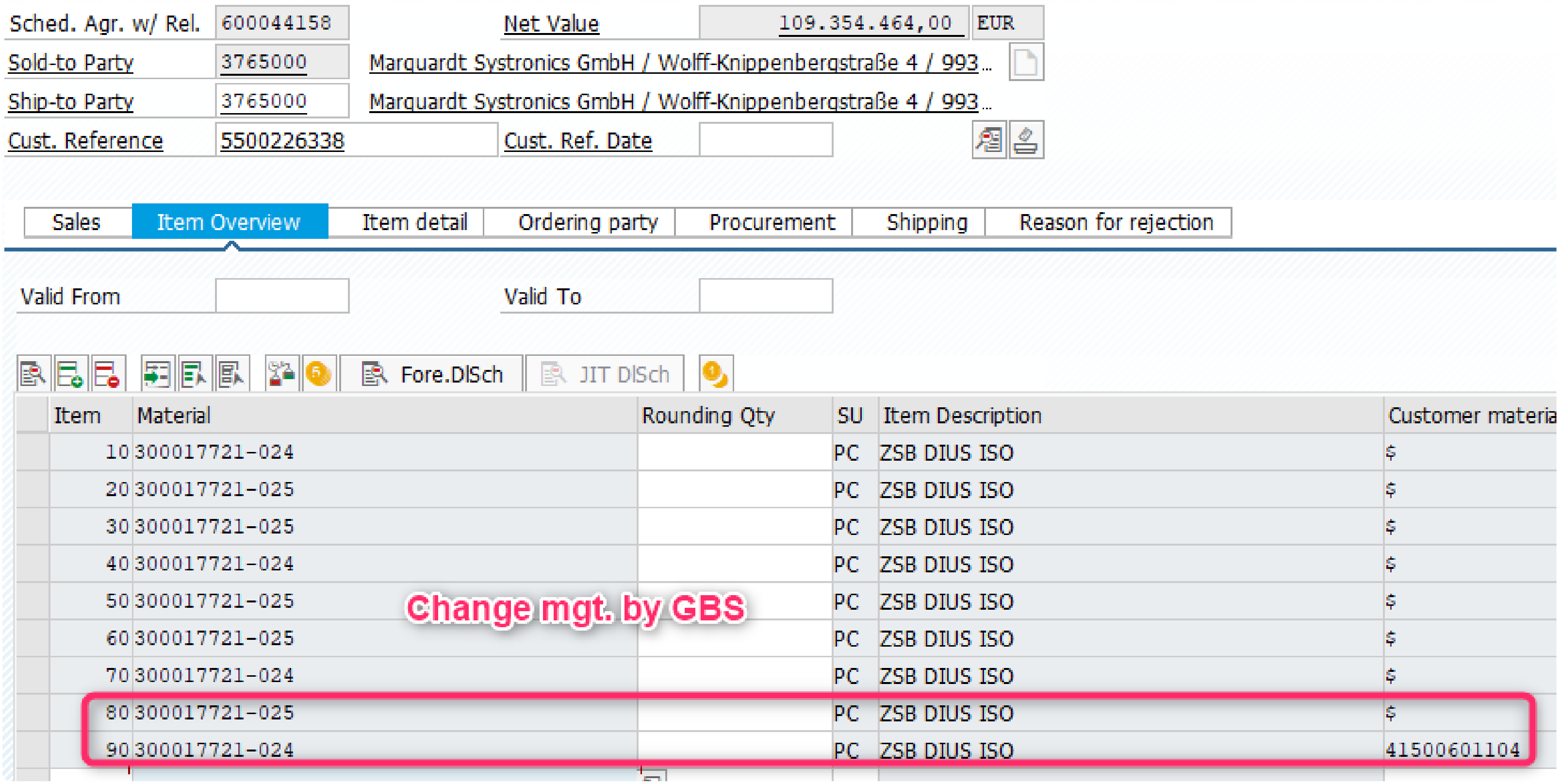
Plant	Material	ReqmtsPlan	DV	Act	Delet.ind.	Copy	Finish date	Plan Qty	Unit
1178	106165617-010		00	X			23.01.2023	20	PC
1178	106165617-010		00	X			06.02.2023	6	PC
1178	106165617-010		00	X			13.02.2023	21	PC
1178	106165617-010		00	X			20.02.2023	1	PC
1178	106165617-010		[illegible]	[illegible]			27.02.2023	1	PC
1178	106165617-010		[illegible]	[illegible]			20.03.2023	1	PC
1178	106165617-010		[illegible]	X			03.04.2023	16	PC
1178	106165617-010		00	X			10.04.2023	9	PC

SYNRE-1463: Stop SD-LAB and maintain manual SD-PLAB

In exceptional cases it might be necessary to stop the customer demand (e.g. wrong demands, manual levelling necessary like Audi PPE DIUS pre-production). You can set the PlanDS instruction to Z001 Manual planning in folder "Call control parameter". If so every new customer call-off runs in into folder "Forecast delivery schedule" (LAB) but will not automatically overwrite the MRP/ delivery relevant folder "Planning delivery schedule":



Note: The person who is doing it must regularly check if GBS or other user returns it back to "Z002". Then the manual maintained PLAB will immediately being overwritten, hence the manual levelling will be gone. This can happen for example if GBS runs change management and enter new line:

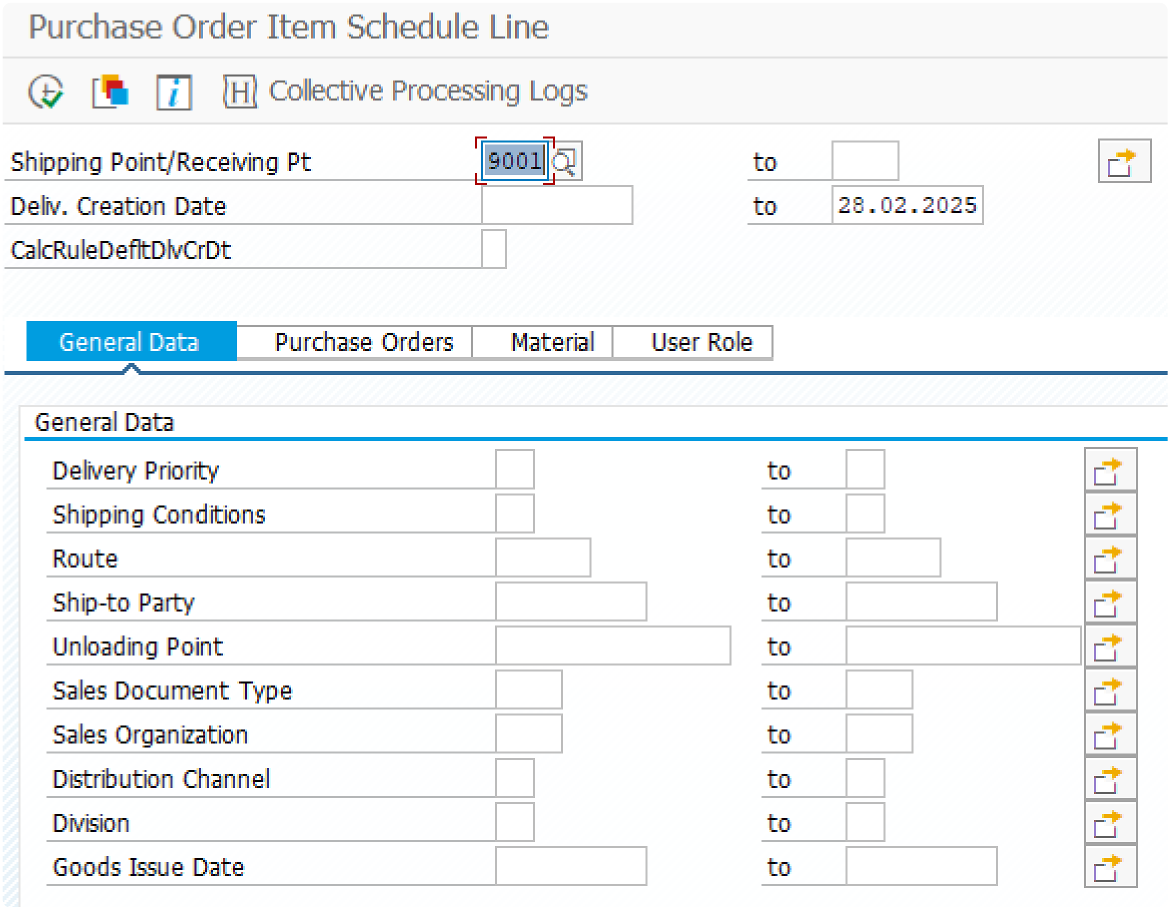


Note: In addition, be aware that the PLAB is also relevant for creating the deliveries (VL10E). So it can cause an under- and/or over delivery to customer!!

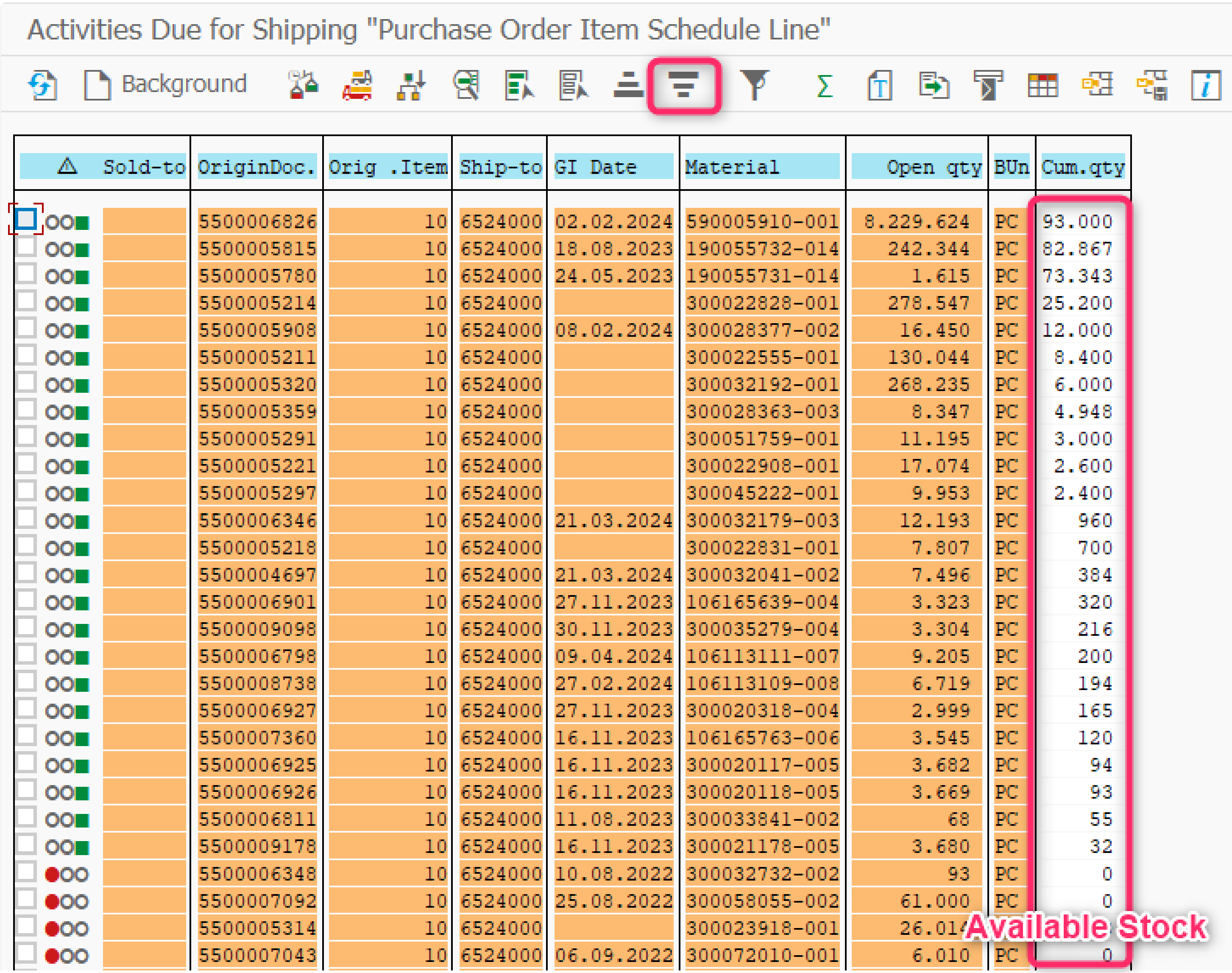
SYNRE-1254 Update VL10F (X-dock/ interco deliveries)

Initiation came from X-Dock plant VIB 1138. Here applies the general rule that stock being shipped out when stock is available. When using the VL10F a new column being added:

Example VL10F selection screen:



The output list shows in the last column the available stock for ship-out. By sorting the column you can achieve following result:



Activities Due for Shipping "Purchase Order Item Schedule Line"

Sold-to	OriginDoc.	Orig .Item	Ship-to	GI Date	Material	Open qty	BUn	Cum.qty
	5500006826	10	6524000	02.02.2024	590005910-001	8.229.624	PC	93.000
	5500005815	10	6524000	18.08.2023	190055732-014	242.344	PC	82.867
	5500005780	10	6524000	24.05.2023	190055731-014	1.615	PC	73.343
	5500005214	10	6524000		300022828-001	278.547	PC	25.200
	5500005908	10	6524000	08.02.2024	300028377-002	16.450	PC	12.000
	5500005211	10	6524000		300022555-001	130.044	PC	8.400
	5500005320	10	6524000		300032192-001	268.235	PC	6.000
	5500005359	10	6524000		300028363-003	8.347	PC	4.948
	5500005291	10	6524000		300051759-001	11.195	PC	3.000
	5500005221	10	6524000		300022908-001	17.074	PC	2.600
	5500005297	10	6524000		300045222-001	9.953	PC	2.400
	5500006346	10	6524000	21.03.2024	300032179-003	12.193	PC	960
	5500005218	10	6524000		300022831-001	7.807	PC	700
	5500004697	10	6524000	21.03.2024	300032041-002	7.496	PC	384
	5500006901	10	6524000	27.11.2023	106165639-004	3.323	PC	320
	5500009098	10	6524000	30.11.2023	300035279-004	3.304	PC	216
	5500006798	10	6524000	09.04.2024	106113111-007	9.205	PC	200
	5500008738	10	6524000	27.02.2024	106113109-008	6.719	PC	194
	5500006927	10	6524000	27.11.2023	300020318-004	2.999	PC	165
	5500007360	10	6524000	16.11.2023	106165763-006	3.545	PC	120
	5500006925	10	6524000	16.11.2023	300020117-005	3.682	PC	94
	5500006926	10	6524000	16.11.2023	300020118-005	3.669	PC	93
	5500006811	10	6524000	11.08.2023	300033841-002	68	PC	55
	5500009178	10	6524000	16.11.2023	300021178-005	3.680	PC	32
	5500006348	10	6524000	10.08.2022	300032732-002	93	PC	0
	5500007092	10	6524000	25.08.2022	300058055-002	61.000	PC	0
	5500005314	10	6524000		300023918-001	26.01[illegible]	[illegible]	[illegible]
	5500007043	10	6524000	06.09.2022	300072010-001	6.010	PC	0

The logic how the stock being loaded depend on the maintenance of the "Issuing Storage Location". For Interco 1138-1178 it#s created automatically by GAP-246 due to MRP area:

Agreement	5500007611	Agreement Type	ZLUE	Agmt Date	10.08.2022
Supplier	555445	DRAEXLMAIER Global Procurement		Currency	EUR
Supplying Plant	1138	DGP Vilsbiburg X-docking			

Outline Agreement Items

Item	I	A	Material	Short Text	Targ. Qty	O...	Net Price	Per	O...	Mat. Grp	Plnt	SLoc	I.SLoc	D
10			590002161-001	BSS138Q-7-F	99.999.999	PC	17,89	1.000	PC	27-26-00	1178	400	1178	

Since also other plants like BRA ship materials via VL10F to other plants like TEM, we need now to update the "Issuing Storage Location" to 4010 and for new ones manually:

Agreement	5500008576	Agreement Type	ZLUE	Agmt Date	18.10.2022
Supplier	577461	DPL Dräxlmaier Produktion		Currency	EUR
Supplying Plant	1077	DPL Braunau Production			

Outline Agreement Items

Item	I	A	Material	Short Text	Targ. Qty	O...	Net Price	Per	O...	Mat. Grp	Plnt	SLoc	I.SLoc	D	S
10			590003760-001	TE_1743284-1_HV_only...	999.999	PC	426,70	1.000	PC	27-44-00	1178	4000			
20			590003760-001	TE_1743284-1_HV_only...	999.999	PC	0,00	1	PC	27-44-00	1178	4000	4010		

We check with IT if we can make customizing so the "Issuing Storage Location" is always pre-filled with 4010. Same applies for the furture switch to PurReq./ PO process change.

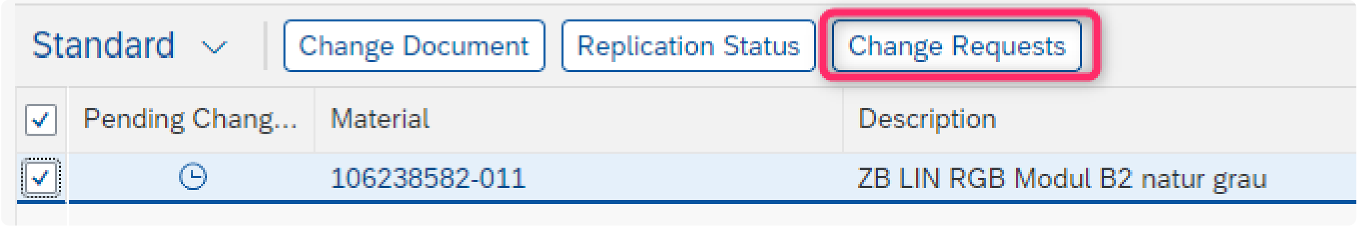
Note: Currently for X-Dock only the shipping point 9001 works but this would not distinguish the deliveries between to DAR 1138-1178 TEM (shipping point 9009) and DAR 1138-1179 HUN (shipping point 9010). Outcome will follow

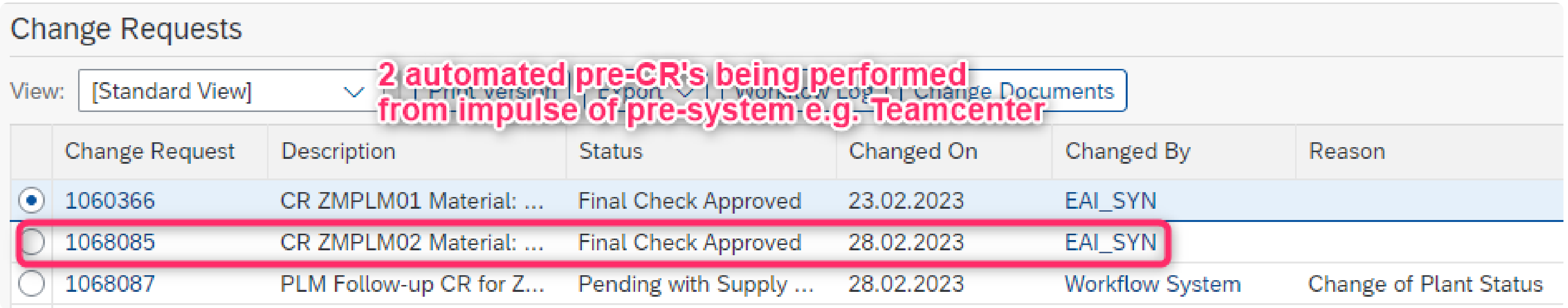
SYNRE-157 Pre-Filling fields of new material revision in SAP MDG-M Workflows

Before Rel. 1.3 we already have implemented SYNRE-870 where the important procurement type E or F is already being copied from the previous version to channel the workflow in the right direction.
With this SYNRE-157 we have added several further fields/ values which being copied from previous version:

Field name	Table	Technical field name
MRP-Type	MARC	DISMM
Planning time Fence	MARC	Fxhor
Planned delivery time	MARC	PLIFZ
MRP-Controller	MARC	DISPO
Lot sizing Procedure	MARC	DISLS
Minimum Lot size	MARC	BSTMI
Maximum lot size	MARC	BSTMA
Maximum stock level	MARC	MABST
Rounding value	MARC	BSTRF
Prod. stor. Location	MARC	LGPRO
Storage loc. For EP	MARC	LGFSB
In-house production	MARC	DZEIT
Planning Calendar	MARC	MRPPP
Safety time indicator	MARC	SHFLG
Stime period profile	MARC	SHPRO
Coverage profile	MARC	RWPRO
Safety time/act.cov.	MARC	SHZET
Special Procurement Costing	MARC	SOBSK
Valuation Class	MBEW	BKLAS
Profit Center	MARC	PRCTR
MRP Area	MDMA	
MRP-Type	MDMA	DISMM
Planning time Fence	MDMA	Fxhor
MRP-Controller	MDMA	DISPO
Lot sizing Procedure	MDMA	DISLS
Minimum Lot size	MDMA	BSTMI
Maximum lot size	MDMA	BSTMA
Planning Calendar	MDMA	MRPPP
Storage loc. For EP	MDMA	LGFSB

Here an example how it works: CR 1068087 (106238582-011)





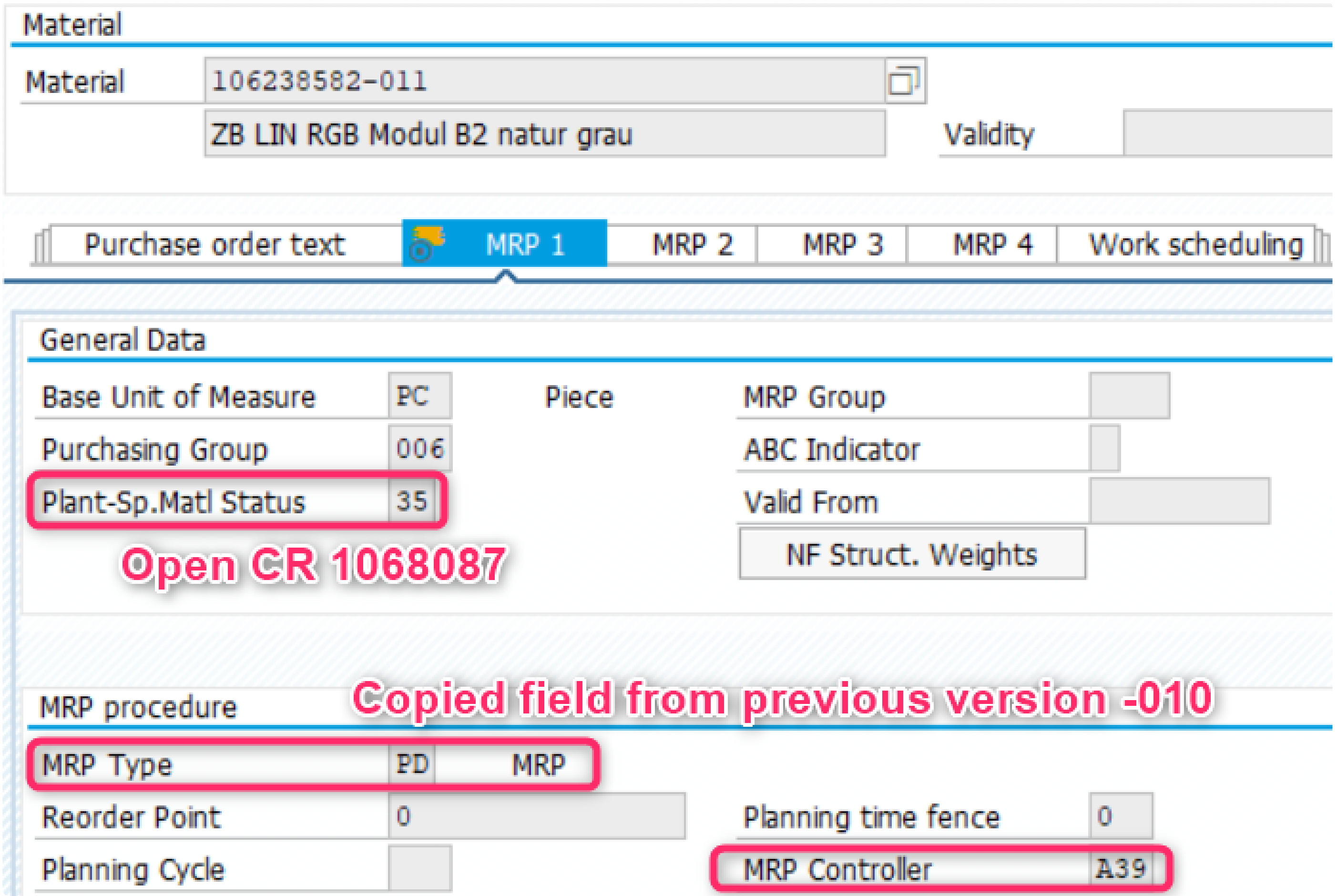
When you look up the Change Document of CR 1068085 you can see which fields already updated in MM03:

Change Documents for Change Request 1068085; Data Selected on 01.03.2023 by Werner Becker

User Name	Date	Time	Entity Type	Value	Plant	Change	Attribute	Old Value	New Value
EAI_SYN	28.02.2023	09:49:18	Material	106238582-011		Changed	X-Plant Mat.Status	01	50
EAI_SYN	28.02.2023	09:49:18	Material	106238582-011		New	Old material number		DSNM=8E000715
EAI_SYN	28.02.2023	09:49:18	Material	106238582-011		New	Size/dimensions		0.000 X 0.000 X 0.000 MM
EAI_SYN	28.02.2023	09:49:18	Material	106238582-011		New	Unit of Dimension		MM
EAI_SYN	28.02.2023	09:49:18	Material	106238582-011		New	Transportation Group		0001
EAI_SYN	28.02.2023	09:49:18	Material	106238582-011	1178	New	MRP Type		PD
EAI_SYN	28.02.2023	09:49:18	Material	106238582-011	1178	New	MRP Controller		A39
EAI_SYN	28.02.2023	09:49:18	Material	106238582-011	1178	New	Sched. Margin Key		000
EAI_SYN	28.02.2023	09:49:18	Material	106238582-011	1178	New	Plant-Sp.Matl Status		35
EAI_SYN	28.02.2023	09:49:18	Material	106238582-011	1178	New	Profit Center		31400000
EAI_SYN	28.02.2023	09:49:18	Material	106238582-011	1178	New	Batch Management		X

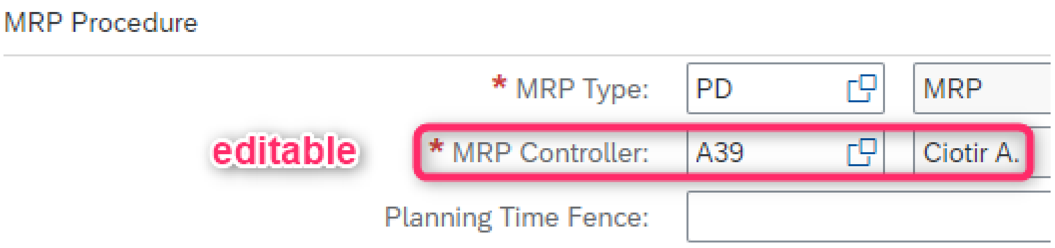
examples from the list:

So you already can see the copied fields from previous version 106238582-010 in MM03 for 106238582-011, even the "normal" CR 1068087 is open:



The Procurement Type E was copied from previous version, so the workflow goes directly to Local Production Scheduler (SCM) (1178):

During workflow editing the pre-fields can be adjusted if wrong:



Note: Since also the **valuation class** as well **profit center** being copied the workflow will automatically be finalized and does not go the controlling. Therefore, it is recommended from the local roles (production scheduler or controller) to check if those 2 fields are correct. Since the local roles cannot edit them, submit the CR with restrictions to pass it to controlling. Also leave a note to explain.

Note: If the procurement type is wrong you need to finish the CR and then create a new CR Id "02 Change of Procurement Type":

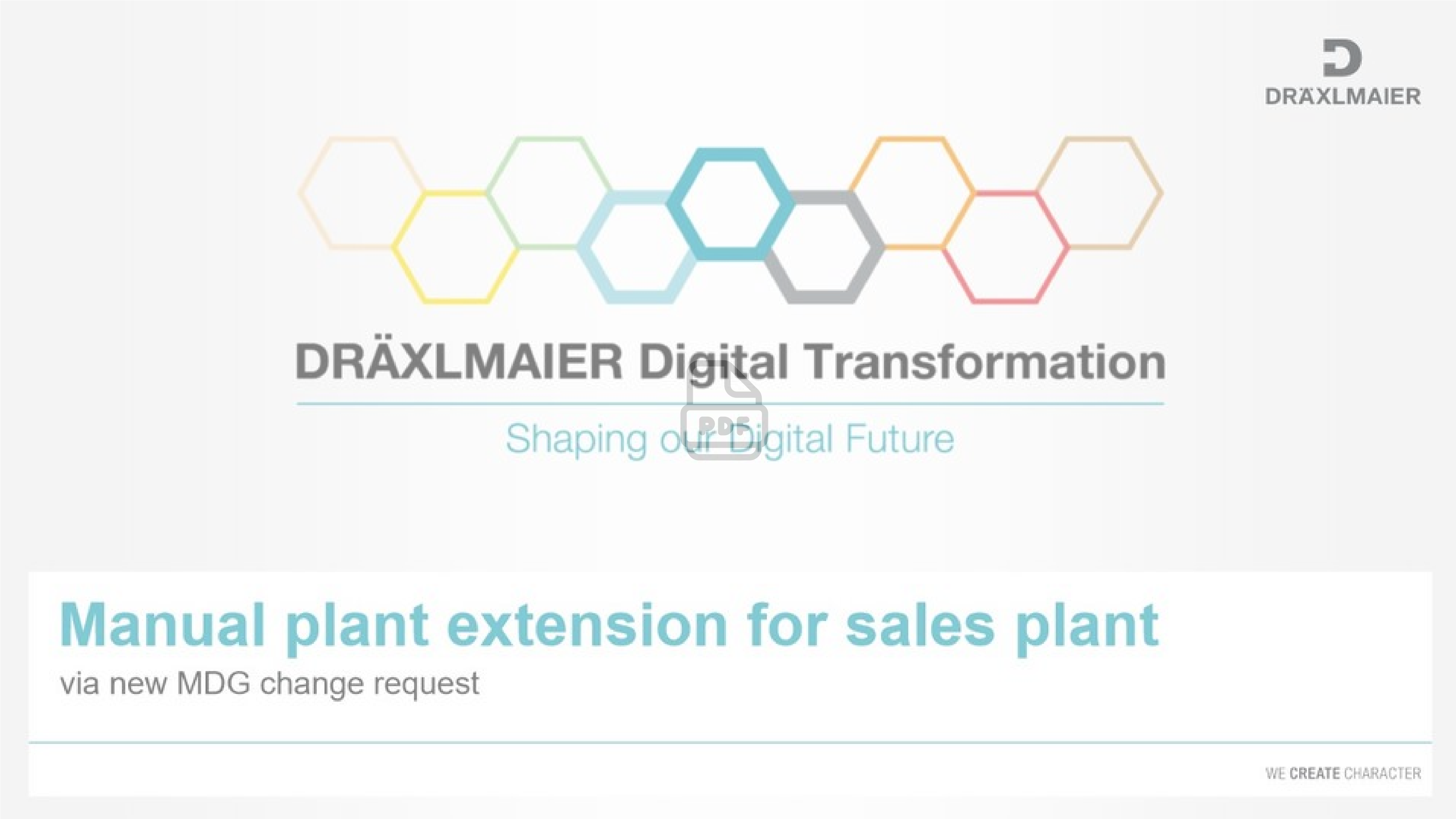
ID	Description
01	Plant extension
02	Change of Procurement Type (BESKZ)
03	Sales Plant Extension
04	Change of Costing Lot Size (LOSGR)
05	Change carline DRÄXLMAIER / Producttype
06	Change of Customer (MCH0002)
07	Change of Maximum Stock Level (MABST)

SYNRE-603 GBS Sales will maintain Sales Plants in future

From now on there is no need for SCM to make plant extension for Sales plants like 1005 DAS. This will be done by GBS Sales. The new MDG Workflow Id is 03 Sales Plant Extension:

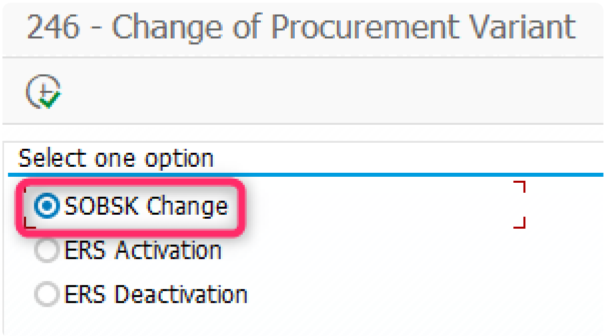
ID	Description
01	Plant extension
02	Change of Procurement Type (BESKZ)
03	Sales Plant Extension
04	Change of Costing Lot Size (LOSGR)
05	Change carline DRÄXLMAIER / Producttype
06	Change of Customer (MCH0002)
07	Change of Maximum Stock Level (MABST)

Work instruction:



SYNRE-1391 Further improvements Procurement (SOBSK) Change (ZMM_246N_PROC_CHANGE)

Some improvements being implemented. To enter the function tick following "SOBSK Change":



- avoid that duplicate entries can occure (method: release of new entry for material no., supplier and plant)
- some plausibity checks (if change to x-dock also SOBSK needs to be filled, for local SOBSK needs to be empty/ if release of position is done check for existing documents in 246 monitor (change only makes sense if 246 created initial documents)
- rename of columns: new name: Neue SoBeschaffung Kalk. (german) / New Special Procurement Type (eng.)
- new column to show the specific error messages from the MDG error table or from ZMM_246_LOG related with the PROC Change row (like in 246 monitor)

In addition 2 incidents:
#1079950 - after sort/filter in TA link to 246 monitor is not working correct
#1094418 - add. maintenance view SM30 for change of table after release of position (deletion needed to solve this issue)

SYNRE-934 EN Supplier ERS / DE Gutschriftsverfahren (ZMM_246N_PROC_CHANGE)

The AP-ERS prozess (DE Gutschriftsverfahren) was not in place in BRA and accordingly postponed. With the migration of the DIS plant C4, will the first plant which utilizes ERS for the vendor management GoLive in PS4.
The current C02 process is documented in Adonis.

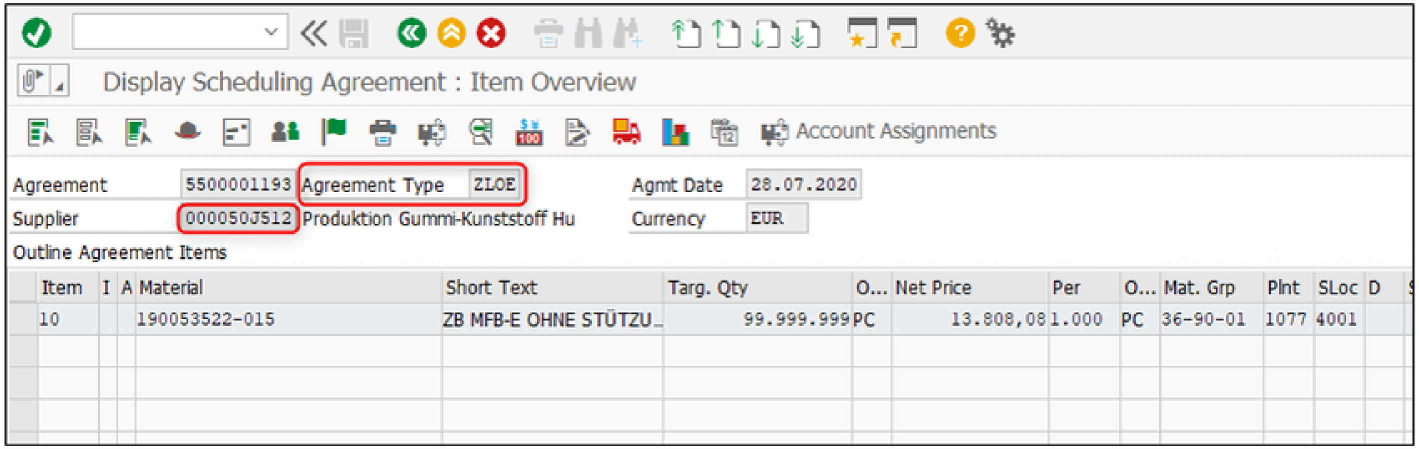
Details go to MM MRP Planning

Training Video (08.03.2023)

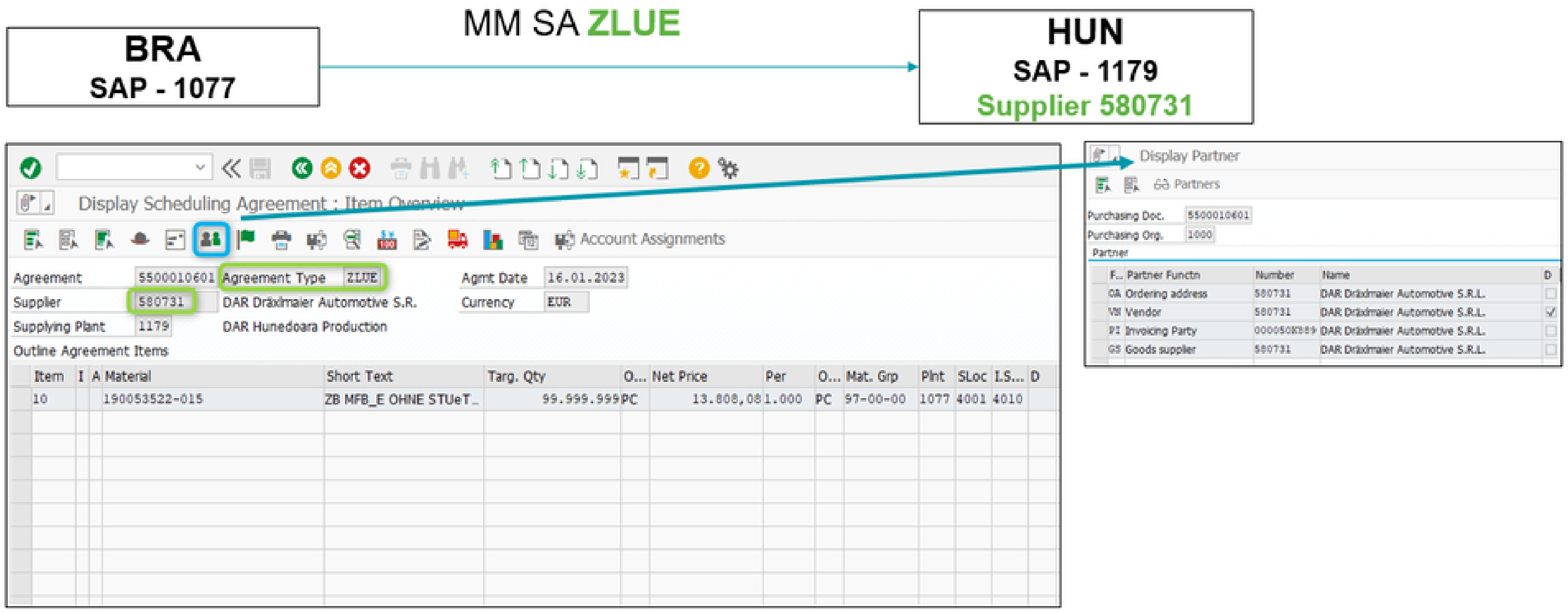
Knowledge-Transfer_ Rel. 1.3 for SCM in SAP PS4 Plants-20230308_133030...

Ordering process BRA --> HUN with BGL 2 from 01.05.2023

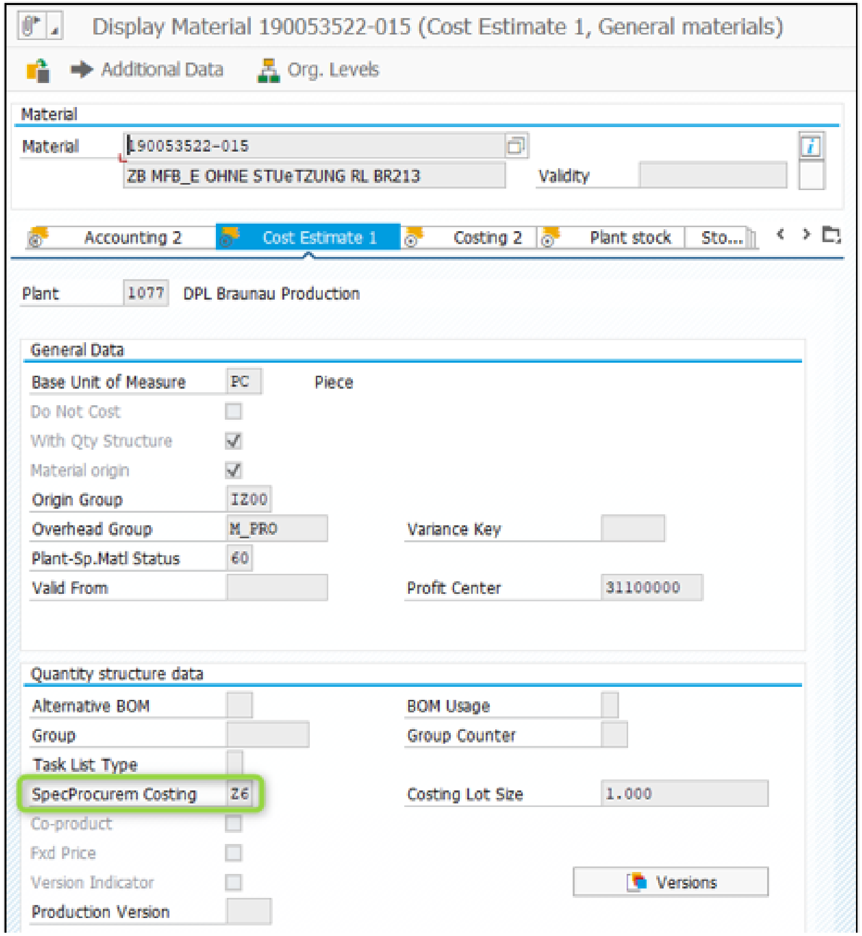
Before Go-Live of the new SAP plant 1179 HUN the ordering was as follows (HOST-Transition):

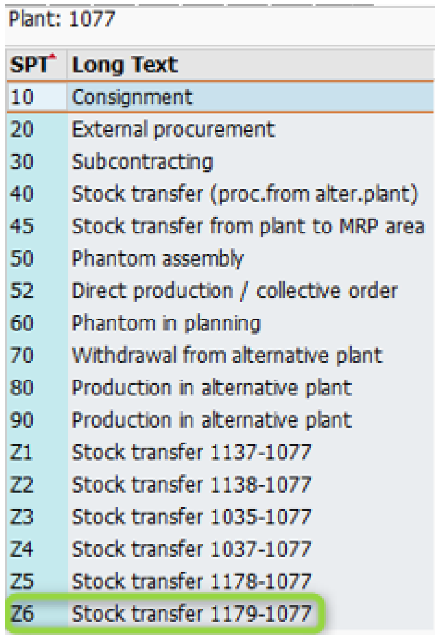


After Go-Live HUN we have a normal SAP Interco connection and the MMSA's need to be changed:



In addition, the Special Procurement Type for Costing (SOBSK) needs to be maintained to Z6 - Stock transfer 1179-1077:



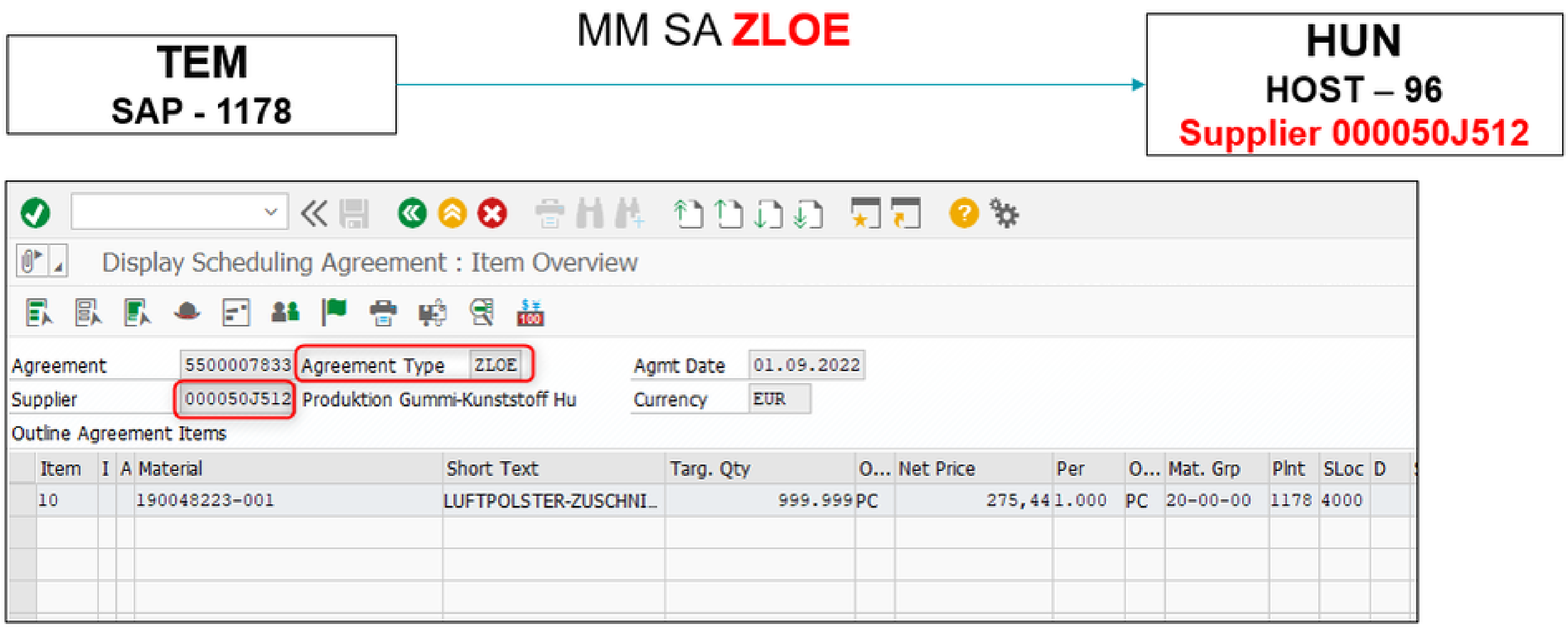

Plant: 1077

SPT	Long Text
10	Consignment
20	External procurement
30	Subcontracting
40	Stock transfer (proc.from alter.plant)
45	Stock transfer from plant to MRP area
50	Phantom assembly
52	Direct production / collective order
60	Phantom in planning
70	Withdrawal from alternative plant
80	Production in alternative plant
90	Production in alternative plant
Z1	Stock transfer 1137-1077
Z2	Stock transfer 1138-1077
Z3	Stock transfer 1035-1077
Z4	Stock transfer 1037-1077
Z5	Stock transfer 1178-1077
Z6	Stock transfer 1179-1077

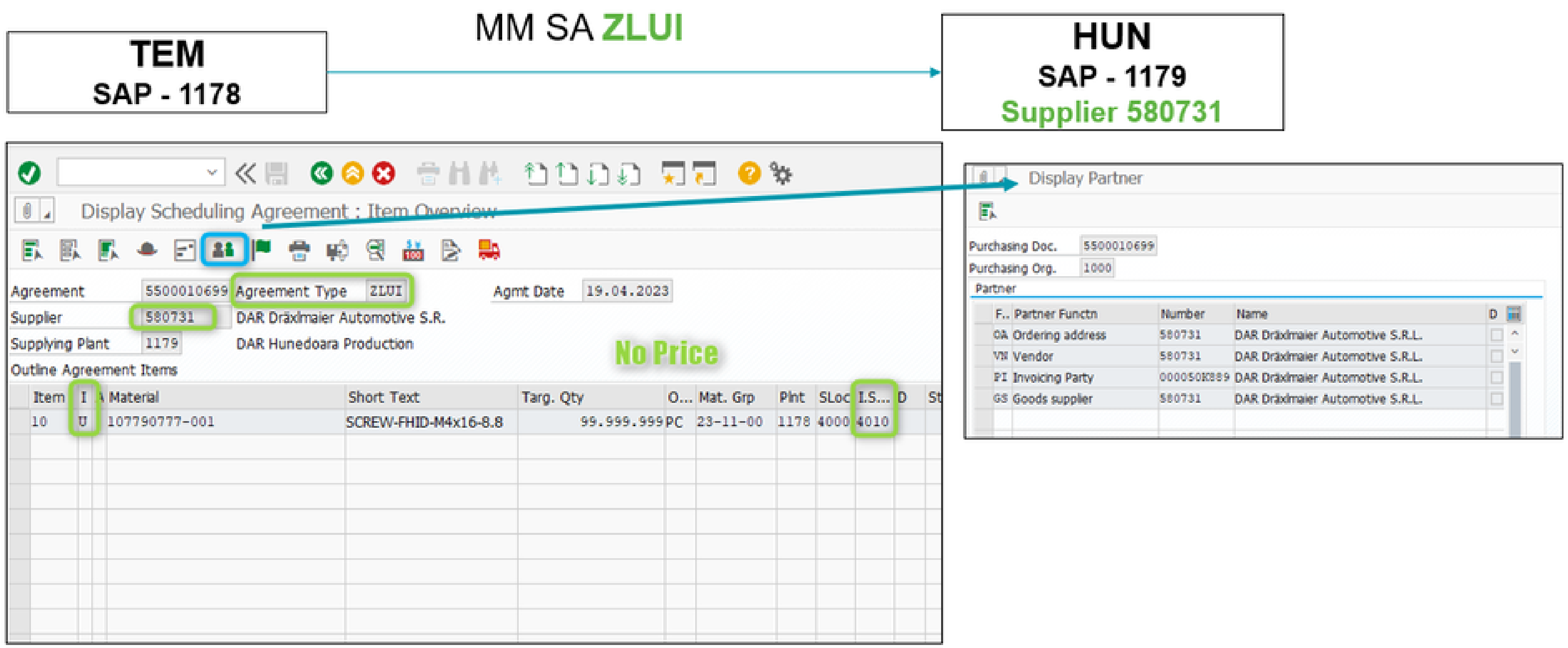
Remark: In case of NSL where Purchase Requisition and Purchase Orders being used the same supplier number **580731** applies. The "old" supplier number 000050J512 Produktion Gummi-Kunststoff HUN is **not valid anymore**. If orders being placed from C02-system (e.g. DEE form HUN) the following supplier being used **000050L025 DAR**

Ordering process TEM --> HUN with BGL 2 from 01.05.2023

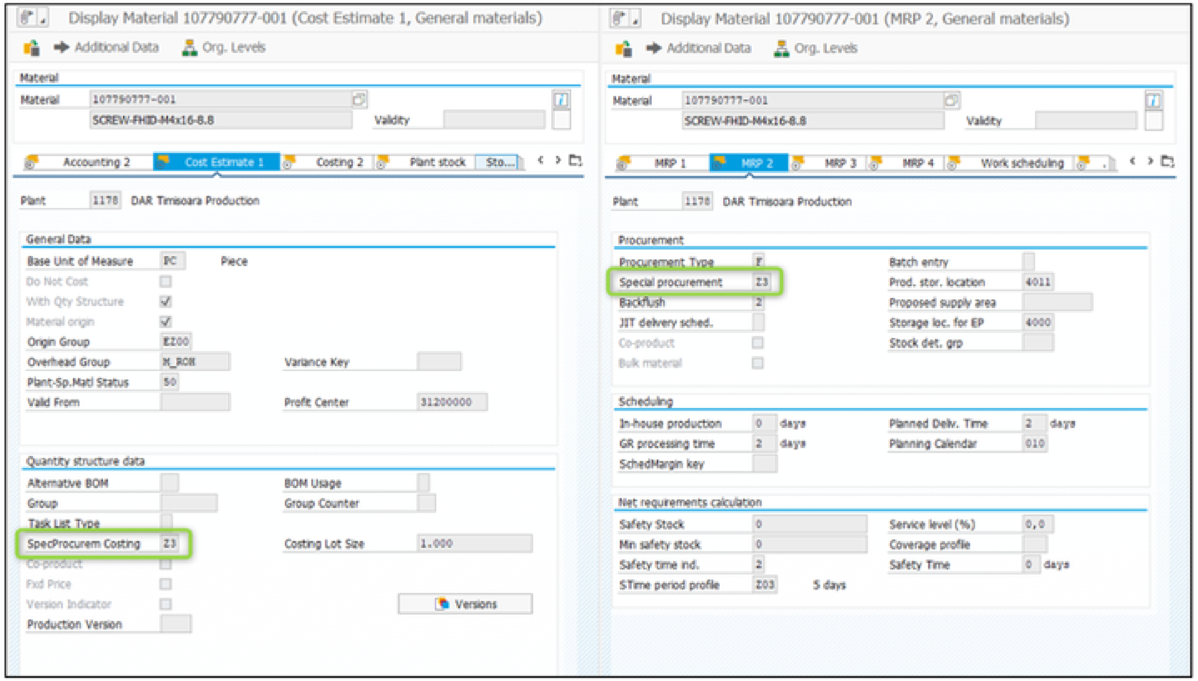
Before Go-Live of the new SAP plant 1179 HUN the ordering was as follows (HOST-Transition):

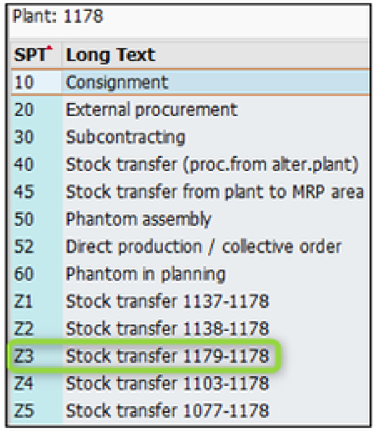


After Go-Live HUN we have a new SAP Interco connection (only stock transfer without invoicing since same company DAR) and the MMSA's need to be changed:



In addition, the Special Procurement Type for Costing (SOBSK) needs to be maintained to Z3 - Stock transfer 1179-1178 **plus** Special Procurement Type (SOBSL) Z3 - Stock transfer 1179-1178:





Plant: 1178

SPT	Long Text
10	Consignment
20	External procurement
30	Subcontracting
40	Stock transfer (proc.from alter.plant)
45	Stock transfer from plant to MRP area
50	Phantom assembly
52	Direct production / collective order
60	Phantom in planning
Z1	Stock transfer 1137-1178
Z2	Stock transfer 1138-1178
Z3	Stock transfer 1179-1178
Z4	Stock transfer 1103-1178
Z5	Stock transfer 1077-1178

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LINKS

Knowledge Transfer Home Page