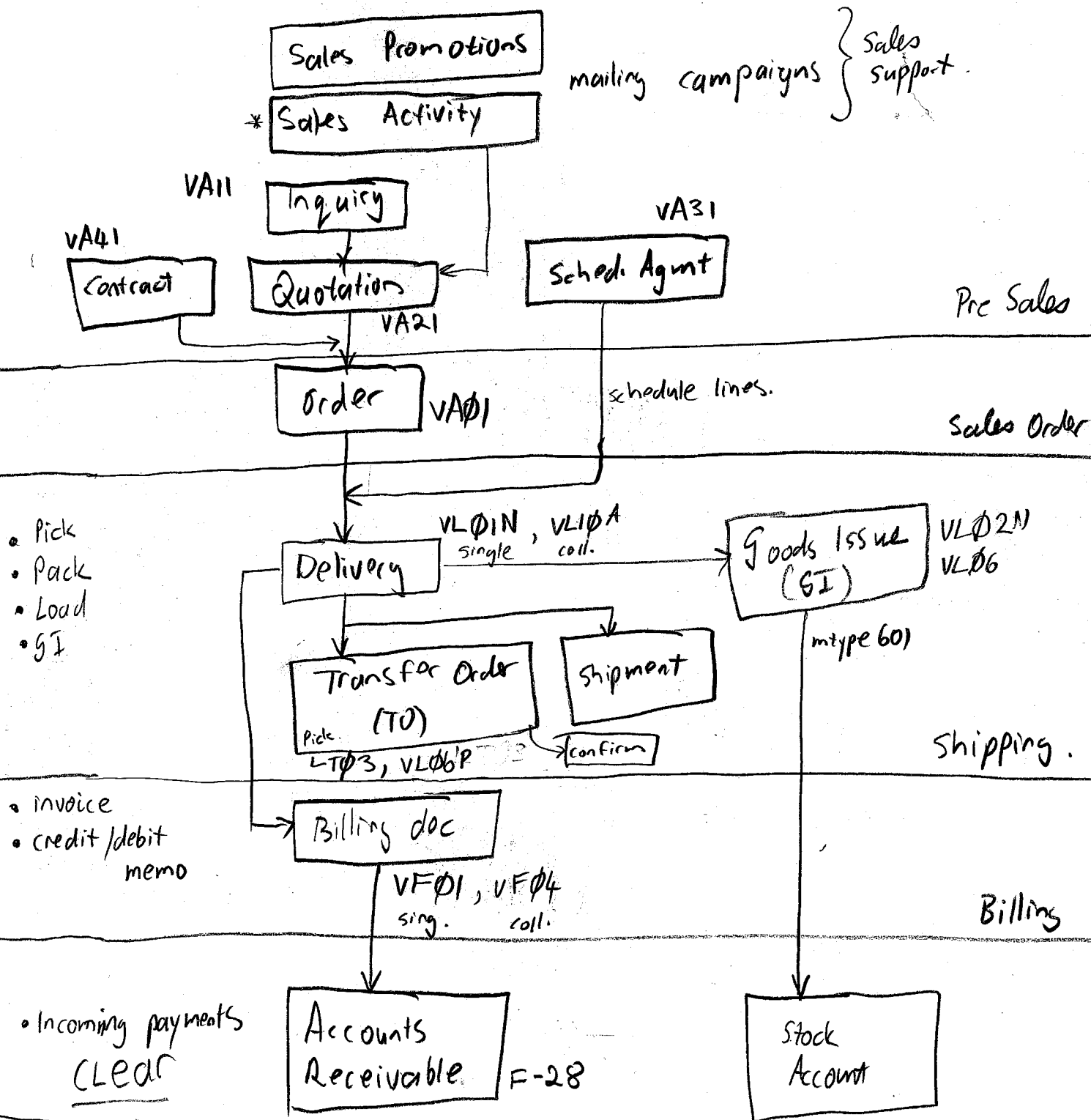
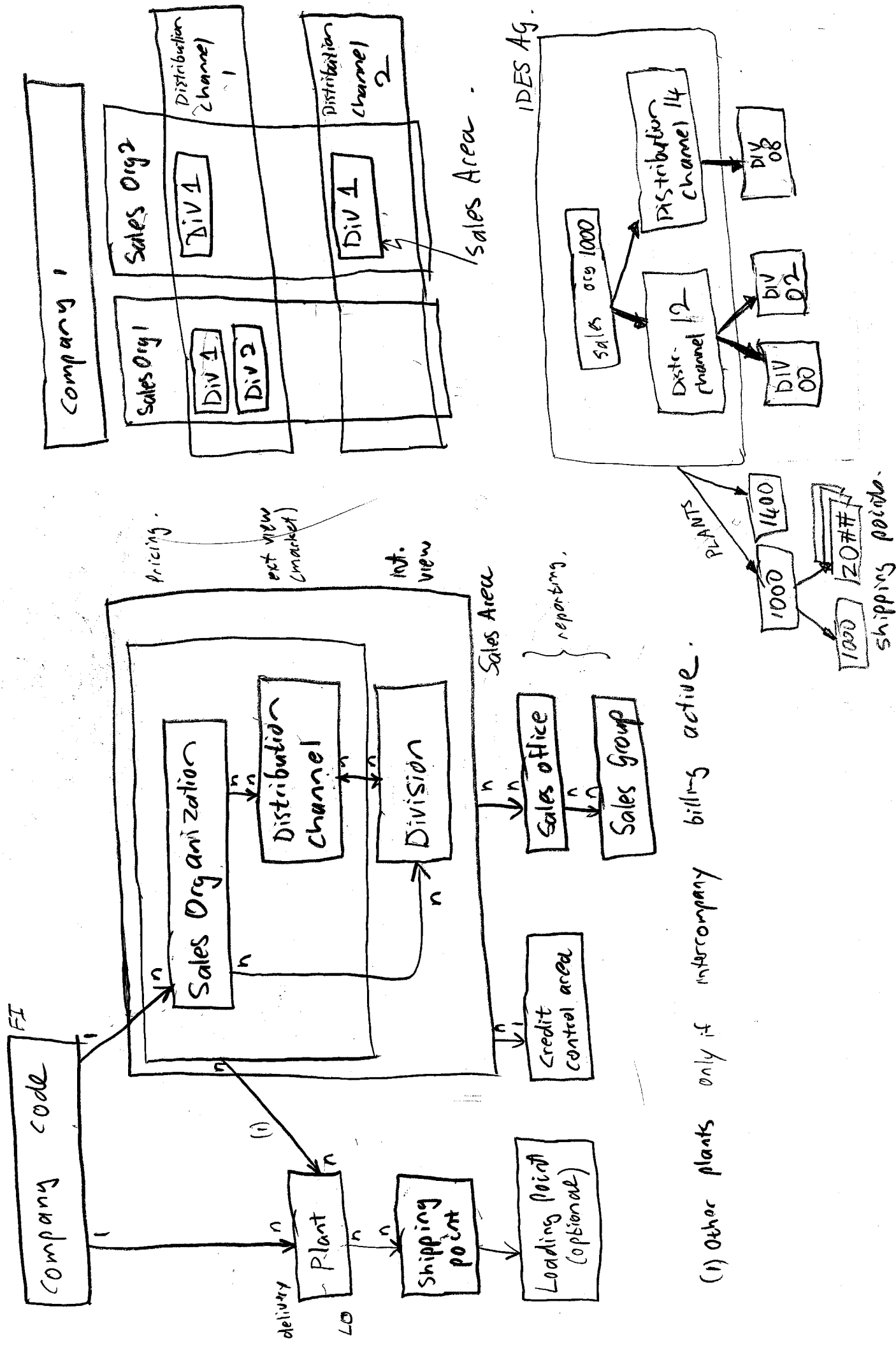


"SD Processing Cycle"



master data.
 customer xd01
 cust/mat info → vds1

Enterprise Structure - SD



(1) other plants only if intercompany billing active.

Lean Warehouse Management (Enterprise Structure)

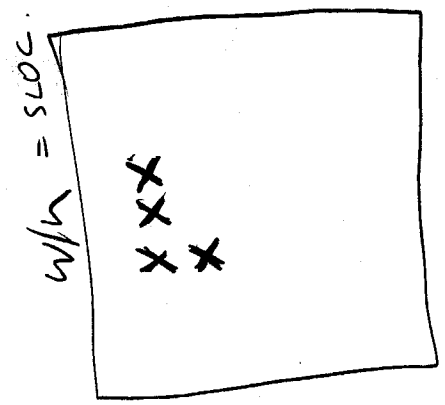
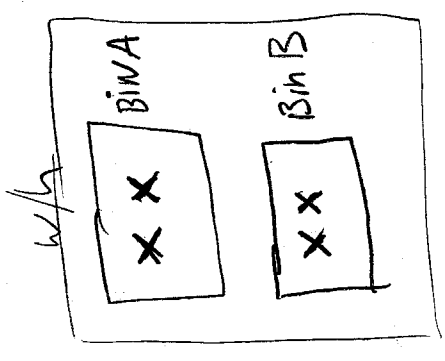
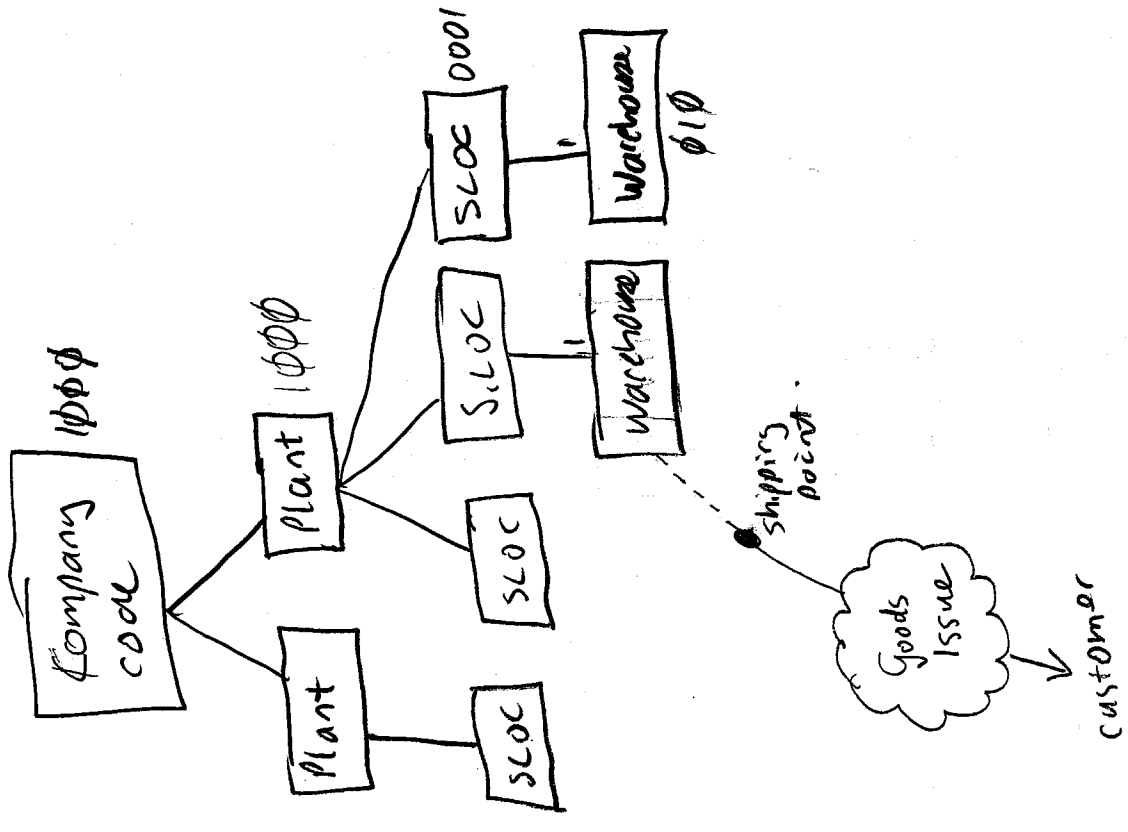
could be

Warehouse Management

Lean Warehouse Management. OK

- Wh doc TO, confirmation
- Stock on bin level.

- Wh doc TO, confirmation
- Stock on warehouse level (no bins!!!)



img: LE > Ship > Pick > Lean WM > Define control perms.

Document Types (tcode vov8)

Sales document type	OR Standard Order	Sales document block	<input type="checkbox"/>
SD document categ.	C		
Indicator			
Number systems			
No. range int. assgt.	01	Item no. increment	10
No. range ext. assgt.	02	Sub-item increment	

General control			
Reference mandatory	<input type="checkbox"/>	Material entry type	<input type="checkbox"/>
Check division	<input type="checkbox"/>	<input checked="" type="checkbox"/> Item division	
Probability	100	<input checked="" type="checkbox"/> Read info record	
Check credit limit	D	Check purch. order no	<input type="checkbox"/>
Credit group	01	<input type="checkbox"/> Enter PO number	
Output application	U1	Commitment date	<input type="checkbox"/>

Transaction flow			
Screen sequence grp.	AU Sales Order	Display criteria	UALL
Incompletion procedu	11 Sales Order	FCode for overv. scr.	UER1
Transaction group	0 Sales order	Quotation messages	B
Doc. pric. procedure	A	Outline agrmt mess.	B
Status profile		Message: Mast. contr.	<input type="checkbox"/>
Alt. sales doc. type1		ProdAttr. messages	<input type="checkbox"/>
Alt. sales doc. type2		<input type="checkbox"/> Incomplet messages	
Variant			

Scheduling agreement			
Corr. delivery type	<input type="checkbox"/>	Delivery block	<input type="checkbox"/>
Use	<input type="checkbox"/>		
MRP for DivSchType	<input type="checkbox"/>		

Shipping			
Delivery type	LF Delivery	Immediate delivery	<input type="checkbox"/>
Delivery block	<input type="checkbox"/>		
Shipping conditions			
ShipCostInfoProfile	STANDARD Standard freight information		

Billing			
Dlv-rel. billing type	F2 Invoice	CndType line items	EK 02
Order-rel. bill type	F2 Invoice	Billing plan type	<input type="checkbox"/>
Intercomp. bill type	IU Intercompany billing	Paymt guarant. proc.	01
Billing block	<input type="checkbox"/>	Paymt card plan type	03
		Checking group	01

Requested delivery date/pricing date/purchase order date			
Lead time in days	7	<input checked="" type="checkbox"/> Propose deliv. date	
Date type		<input type="checkbox"/> Propose PO date	
Prop. f. pricing date			
Prop. valid-from date			

Contract			
PricProcCondHeadr	<input type="checkbox"/>	Contract data allwd.	<input type="checkbox"/>
PricProcCondItem	<input type="checkbox"/>	FollUpActivityType	<input type="checkbox"/>
Contract profile		Subseq order type	<input type="checkbox"/>
Billing request	L2	Check partner auth.	A
Ref. procedure		<input type="checkbox"/> Update low. lev. cont.	

Availability check			
Business transaction	<input type="checkbox"/>		

Item category

(V0V7)

Doc Type + Item Cat Group (material) + Usage indicator (ABAP) + High level I.Cat = Item Cat

Item category

TAN Standard Item

Business data

Item type
Completion rule
Special stock
Relev. for billing
Billing plan type
Billing block
Pricing
Statistical value
Revenue recognition
Delimit. start date

A

X

Bus. data item
 Sched. line allowed
 Item relev. for dlv.
 Returns
 Wght/vol. relevant
 Credit active
 Determine cost

General control

Autom. batch determ. Rounding permitted Order qty = 1

Transaction flow

Incompletion proced. 20 Standard Item Screen seq. grp N
PartnerDetermProced. N Standard Item
TextDetermProcedure 01 Sales item Status profile
Item cat. stats. group 1 Order, debit memo Create PO automatic.

Bill of material/configuration

Config. strategy
Mat. variant action
ATP material variant
Structure scope
Application
 Variant matching
 Create delivery group
 Manual alternative
 Param. effectivities

Value contract

Value contract matl
Contract release ctrl

Service management

Repair proced.

Control of resource-related billing and creation of quotations

Billing form DIP profil

Schedule Line Category (tcode vov6)

Item category + MRP Type = Schedule Line Category

Change View "Maintain Schedule Line Categories": Details

Table view Edit Goto Selection criteria Utilities System Help

New entries

Sched. line cat: **CU** Consumption MRP

Business data

Delivery block			
Movement type	601	GD goods issue:deluy	<input checked="" type="checkbox"/> Item rel.f.dv.
Movement type 1-step			
Order type			<input type="checkbox"/> P.req.del.sched
Item category			
Acct. assig. cat			

Transaction flow

Incompl. proced.	30	Deliv-Rel.Sched.Line
<input checked="" type="checkbox"/> Req./Assembly		
<input checked="" type="checkbox"/> Availability		
<input type="checkbox"/> Prod. allocation		

V0V6 | rwd15065 | INS | 16:20

Billing Doc types

(tcode vofa)

Billing type	F2 Invoice	Created by	
Number systems			
No.range int.assgt.	19	Item no.increment	10
General control			
SD document categ.	M	Invoice	<input type="checkbox"/> Posting block
Transaction group	7	Billing documents	<input checked="" type="checkbox"/> Statistics
Billing category			
Document type			
Negative posting		No negative posting	
Branch/Head office		Customer=Payer/Branch=s	
Credit memo w/ValDat		No	
Invoice list type	LR	Invoice list	
Rebate settlement			<input checked="" type="checkbox"/> Rel.for rebate
Standard text			
Cancellation			
Cancell.billing type	S1	Invoice Cancellation	
Copying requirements			
Reference number			
Allocation number			
Account assignment/pricing			
Account determ.proc.	KOFI00	Account Determination	
Doc. pric. procedure			
Acc. det. rec. acc.			
Acc. det. cash. set.			
Acc. det. pay. cards	A00001	Standard	
Output/partners/texts			
Output determ.proc.	U10000	Billing Output	Application U3
Item output proc.			
Output type	RD00	Invoice	
Header partners	FK	Billing Document	
Item partners	FP	Billing Item	
TextDetermProcedure	03	Billing header	
Text determ.proc.itm	03	Billing item	
<input type="checkbox"/> Delivery text			

Copy Control (tcode vtfll)

Change View "Header": Details

Table view Edit Goto Selection criteria Utilities System Help

New entries

Dialog Structure

- Header
- Item

Target billing type: F2 Invoice

From delivery type: LF Delivery

Copying requirements: 003 Header/Dlv-related

Determ. export data: []

Allocation number: C

Reference number: A

Copy item number

VTFL wdl5079 INS 0.620

Header

Change View "Item": Details

Table view Edit Goto Selection criteria Utilities System Help

New entries

Dialog Structure

- Header
- Item

Target billing type: F2 Invoice

From delivery type: LF Delivery

Item category: TAN Standard Item

Copying requirements: 004 Deliv-related item

Data VBRK/VBRP: 001 Inv. Split (sample)

Billing quantity: B

Pos./neg. quantity: +

Pricing type: G

PricingExchRate type: []

Cumulate cost: []

Price source: E

VTFL wdl5079 INS 2.183

Item

Rejection Reason (item level)

Change View "Sales Documents: Rejection Reasons": Overview

Table view Edit Goto Selection criteria Utilities System Help

New entries

Ri	NRP	OLI	BIC	Stat.	Description
10	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		Unreasonable request
11	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		Cust. to receive replacement
20	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		Rejected due to credit check
40	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		Backlog to competitor
41	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		Cancellation up to resampling
42	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		Customer usage date postponed

Position... Entry 7 of 22

SPRO | iwd#5065 | INS | 17:52

- NRP Not Relevant for Printing
- OLI Cost line item open again (to be billed later)
- BIC Not relevant for Billing
- Stat. Statistical values

Customer Master (tcode ovt0)

IMG: Log – Gen > Business Partners > Customers > Define Account Groups

The screenshot shows the SAP 'Change View Customer Account Groups: Details' interface. Key sections include:

- Account group:** 215 customer 15
- General data:** Number range 02, One-time acct checkbox.
- Field status:** General data, Company code data, Sales data.
- Text proc:** Genl Text De Proc 01, Text De Proc SD t.
- Sales and distribution data:** Cust. pric. proc. 1 (Standard), Partner det. proc. AG (Sold to Party), Output Det. Proc., and checkboxes for Competitors, Sales partner, Sales prospect, Default SP, and Consumer.

Select group dialog box for General data with options: Address, Communication, Control, Marketing, Payment transactions, Unloading points, Contact person, Foreign trade.

Select group dialog box for Company code data with options: Account management, Payment transactions, Correspondence, Insurance, Withholding tax data w/h tax Z.

Select group dialog box for Sales data with options: Sales, Shipping, Billing, Partner usage, Documents.

Field Suppress Required Optional Display

These fields can also be set per transaction (tcode ob20)

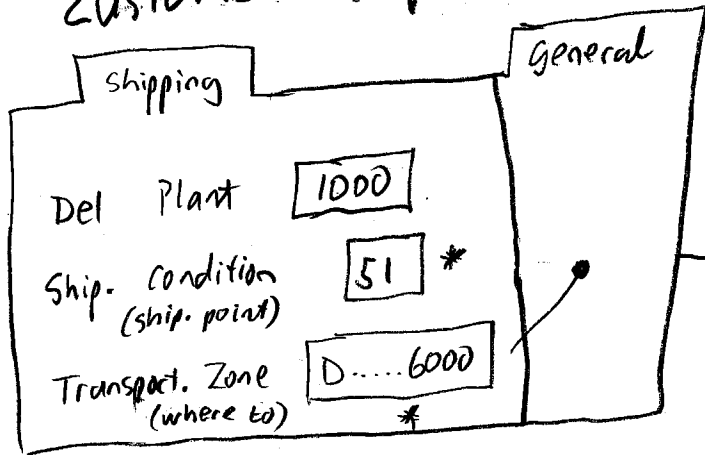
What takes preference if a field is set per "Account Group" and "Transaction"?

- | | |
|---------|-----------------|
| Highest | Suppress / Hide |
| | Display |
| | Required |
| Lowest | Optional |

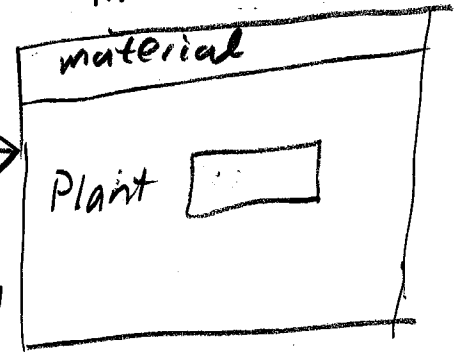
Sales Order

- Delivery Plant
- Shipping Point.

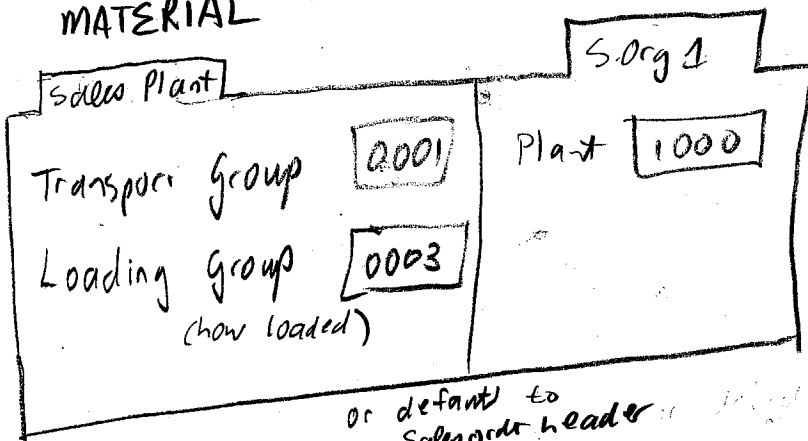
CUSTOMER (ship to)



CUSTOMER MATERIAL INFO REC



MATERIAL



or default to sales order header

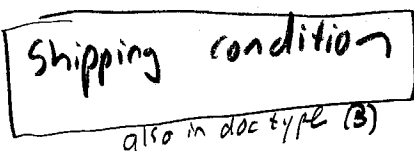
PLANT

- (1) cust. mat inf Rec
- (2) Customer (ship to)
- (3) Material

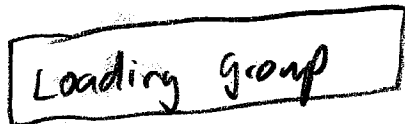


Proposed manual options.

customer (sold to)



material

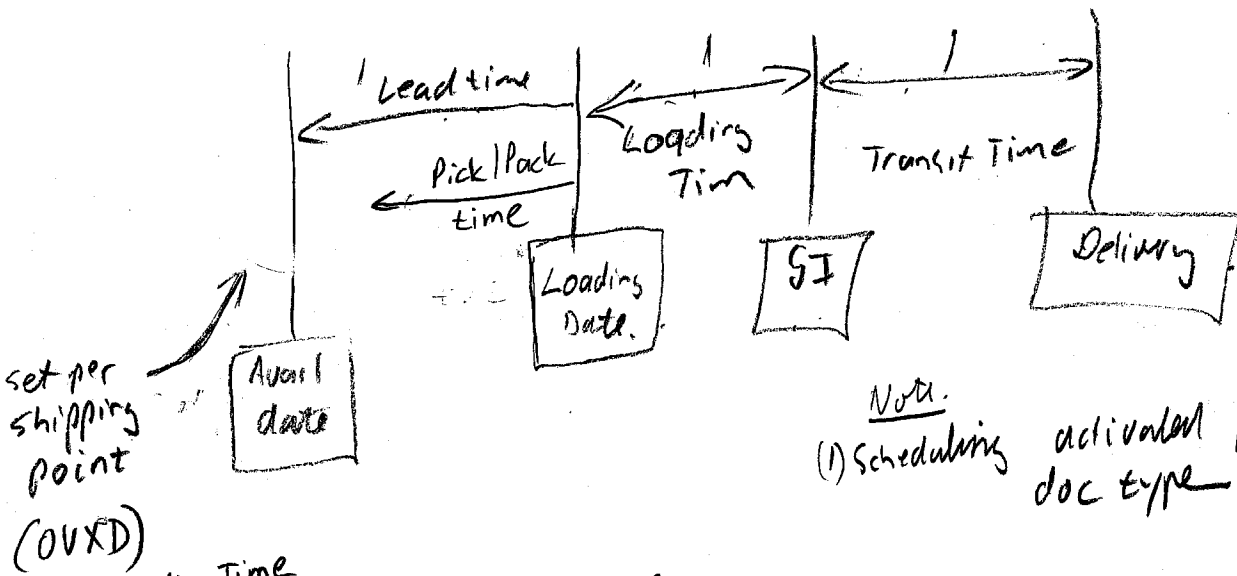
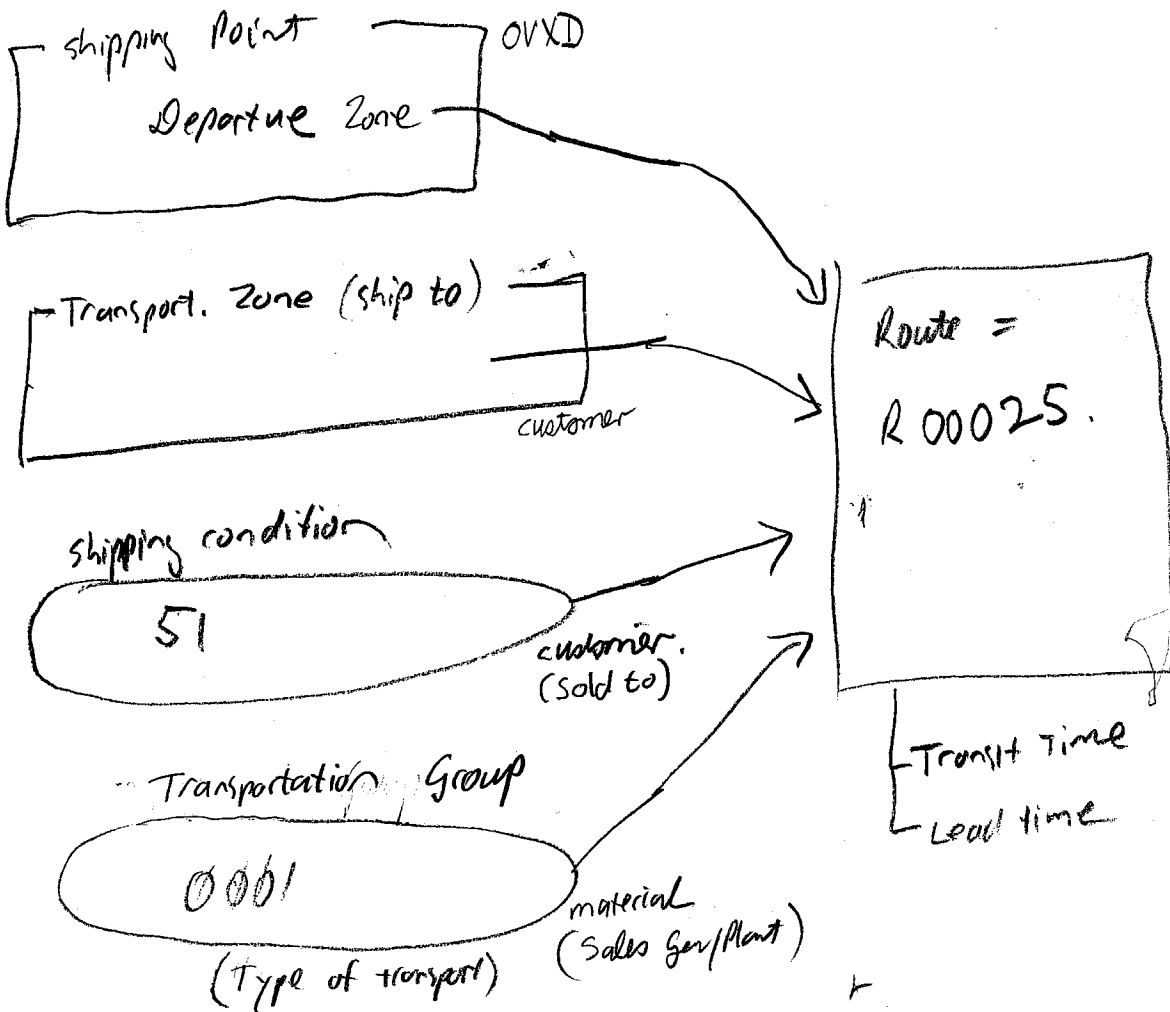


Notes

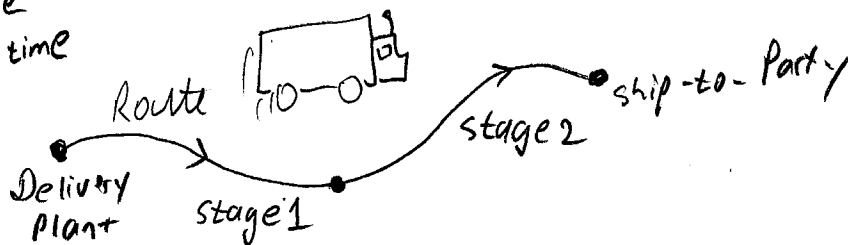
- (1) Imp: LE → shipping → Basic
- (2) Shipp. Point: SAP Enterprise → LE (OVXD)
- (3) Doc type take over.

Route Determination

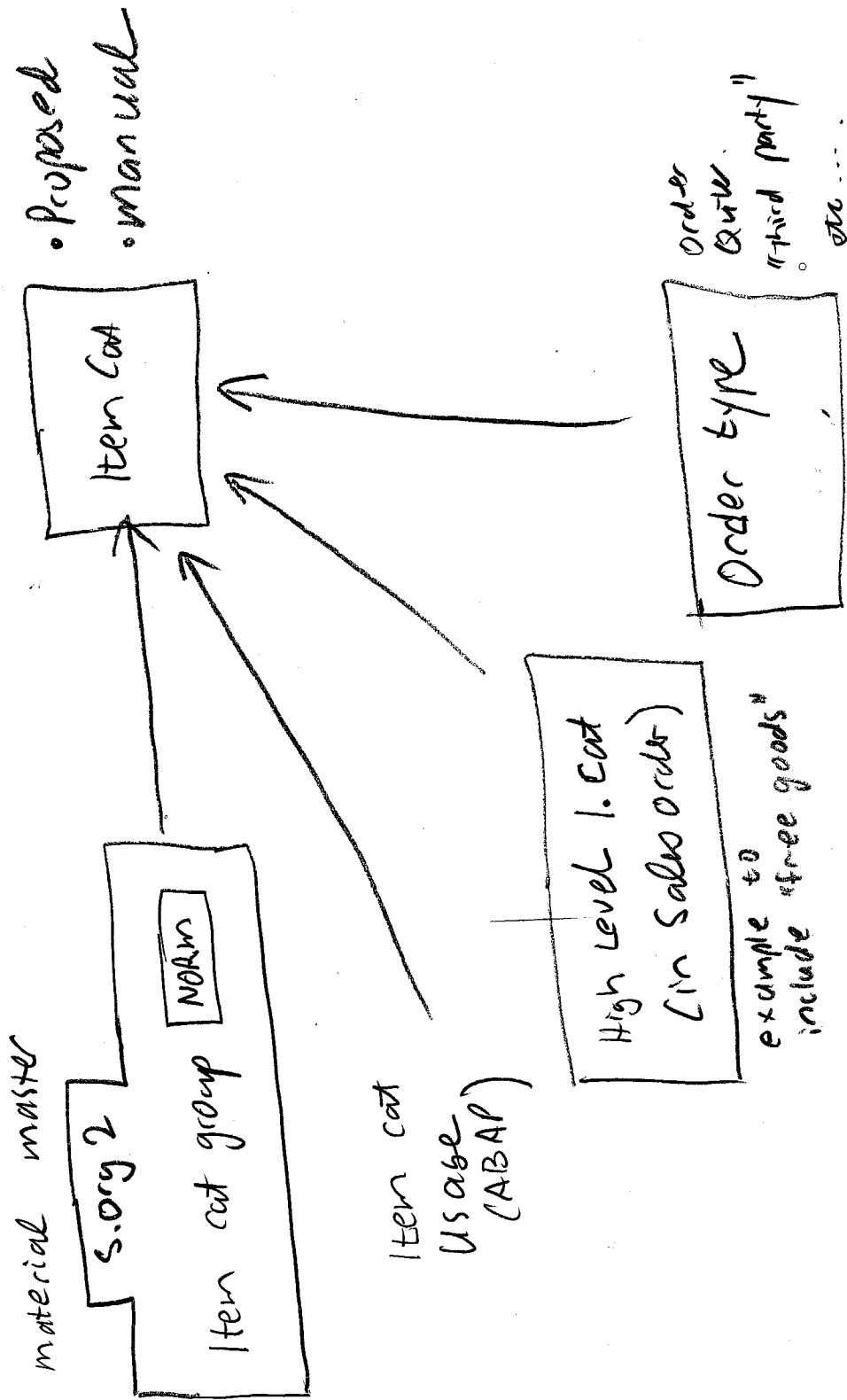
(ims → LE → shipping → Basic → Route)



Note:
(1) Scheduling activated per doc type

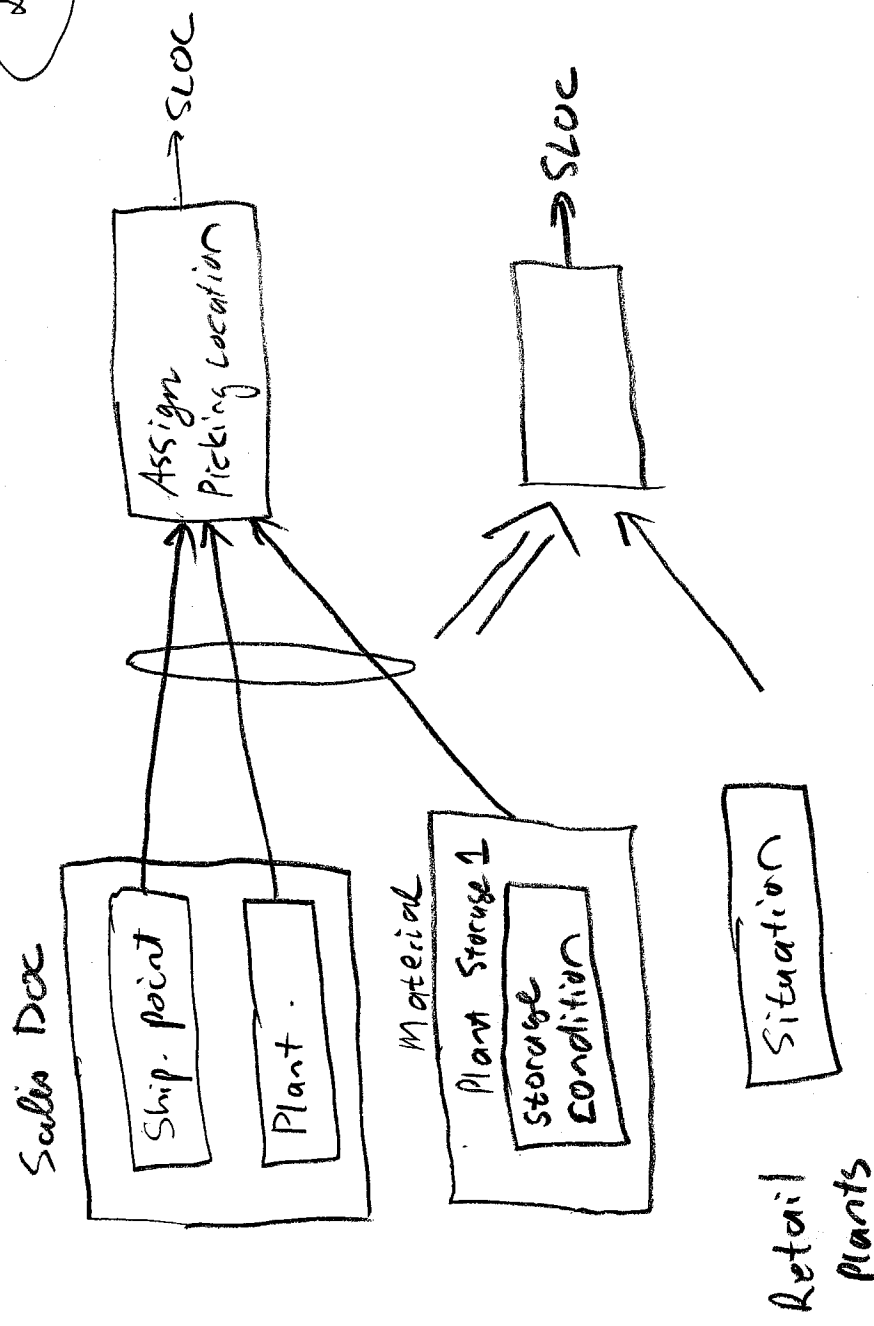


Item cat in Sales Docs



Storage Location for Shipping Point.

Delivery T-type → assign → Rule for Determining Picking SLOC



- MALA

- RETA (SAP Retail IS)

- MARE
check MALA, then RETA

- YF - user exit

config: LE → Shipping → Picking.
→ Determine Picking Location