

LearnSAP.com

Your SAP Training Partner



SAP FICO

Asset Accounting Configuration

Call Toll Free 866-836-1700

5101 Camden Lane, Pearland, TX 77584

Intentionally Left Blank

Table Of Contents

1.	Overview of Fixed Assets	5
2.	Copy reference chart of depreciation/ depreciation area	6
	a. Specify description of chart of depreciation	10
	b. Copy/delete chart of depreciation	13
3.	Assign input tax indicator for non taxable acquisition	17
4.	Assign Chart of Depreciation to Company Code	20
5.	Specify Account Determination	22
6.	Create Screen Layout Rules	24
7.	Define Number Range Intervals	27
8.	Define Asset Classes	32
9.	Assign G/L accounts	38
10.	Specify Document Types for posting of Depreciation	45
11.	Specify Posting Keys for asset postings	47
12.	Specify Intervals and Posting Rules	49
13.	Determine Depreciation area in the Asset Class	51
14.	Create Asset	56
15.	External Acquisition with Vendor	60
16.	Asset Explorer	65
17.	Run Depreciation	68
18.	Asset Explorer	75
19.	Display/Change Item (New)	77
20.	Retirement with Customer	80
21.	Asset Explorer	85
22.	Display/Change Item (New)	87

23. Overview of Asset Under Construction (AUC)	89
24. Create an Asset under AUC Asset Class	90
25. External Acquisition with Vendor	93
26. Define/Assign Settlement Profile	97
27. Distribution	100
28. Asset Explorer	108
29. Overview of Law-Value Asset	110
30. Specify Max Amount for LVA + Asset	111
31. Specify Amount for Law-Value Asset	115
32. Create an Asset under LVA Asset Class	119
33. External Acquisition with Vendor	123
34. Overview of Intercompany Transfer	129
35. Create Asset under any asset class	130
36. External Acquisition without Offsetting entry	134
37. Transfer within Company Code	138
38. Asset Explorer	141
39. Asset Explorer in Information System	143
40. Conclusion and Credits	

1. Overview of Fixed Assets:

The Asset Accounting (FI-AA) component is used for managing and supervising fixed assets with the SAP R/3 System. In SAP R/3 Financial Accounting, it serves as a subsidiary ledger to the FI General Ledger, providing detailed information on transactions involving fixed assets.

As a result of the integration in the R/3 System, Asset Accounting (FI-AA) transfers data directly to and from other R/3 components. For example, it is possible to post from the Materials Management (MM) component directly to FI-AA. When an asset is purchased or produced in-house, you can directly post the invoice receipt or goods receipt, or the withdrawal from the warehouse, to assets in the Asset Accounting component. At the same time, you can pass on depreciation and interest directly to the Financial Accounting (FI) and Controlling (CO) components. From the Plant Maintenance (PM) component, you can settle maintenance activities that require capitalization to assets.

Types of Assets:

- **Tangible Asset:** Assets having a physical existence, such as cash, equipment, and real estate; accounts receivable are also usually considered tangible assets for accounting purposes.
- **Intangible Asset:** You can manage intangible assets, such as patents, the same as tangible assets in the system. There are no special system functions for handling the needs of intangible assets.
- **Asset under construction:** They are usually displayed as a separate balance sheet item and therefore need a separate account determination in their asset classes.
- **Low value asset:** LVAs are fully depreciated in the year of purchase or in the period of acquisition.
- **Leased Asset:** Leased assets create special accounting requirements for the lessee. During the term of the lease, leased assets remain the property of the lesser or manufacturer.

2. Copy Reference Chart of Depreciation:

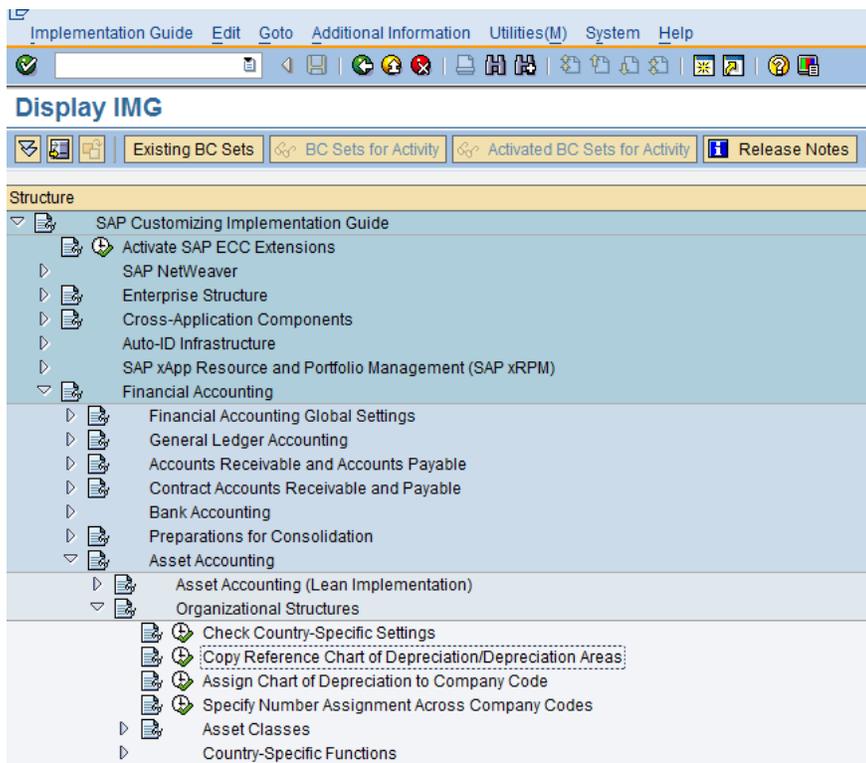
Charts of depreciation are used in order to manage various legal requirements for the depreciation and valuation of assets. These charts of depreciation are usually country-specific and are defined independently of the other organizational units.

SAP supplies typical reference charts of depreciation for each country. They have different depreciation areas and depreciation keys depending on that country's specific requirements. You cannot use these charts of depreciation directly. You must create your own chart of depreciation by copying the reference chart of depreciation. Delete any depreciation areas that are not needed.

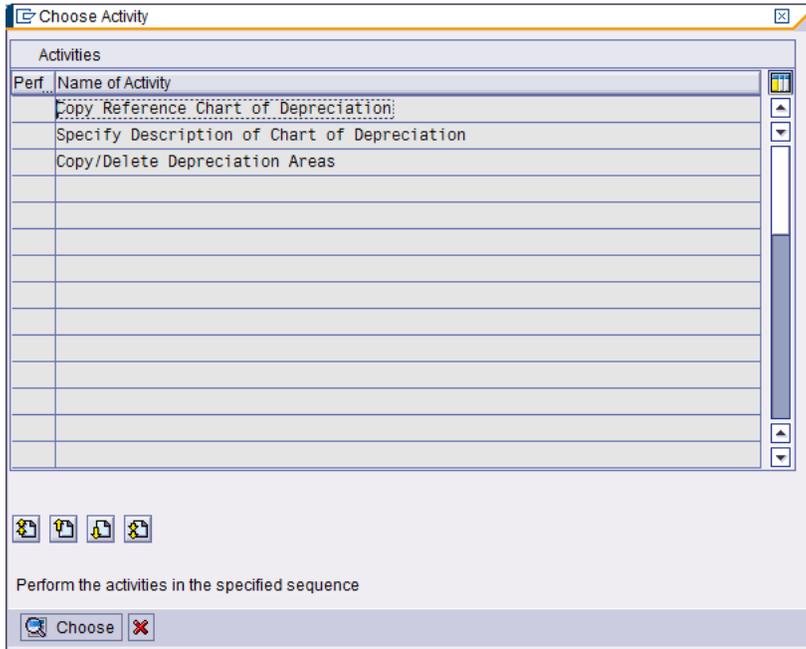
Each depreciation area represents a specific type of valuation (for example, book depreciation or tax depreciation). You can also define your own depreciation

The depreciation areas are defined with a two-digit numeric key. The numeric keys represent depreciation terms that you can enter in the asset master record or in the asset classes. Values and depreciation are posted to the general ledger.

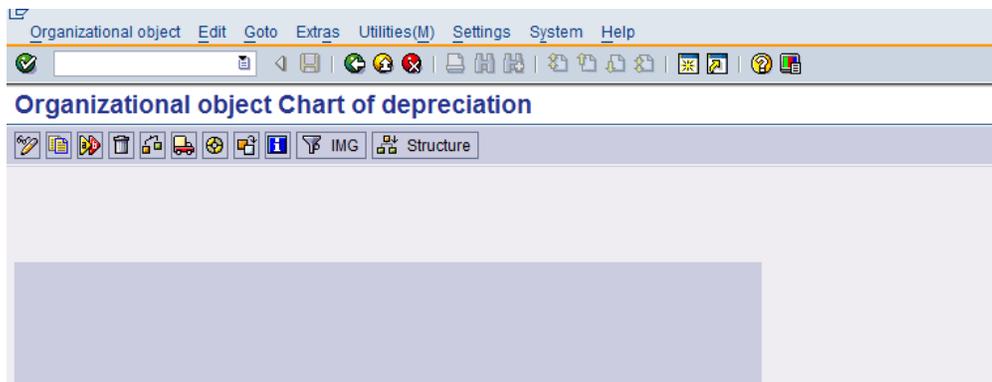
IMG -> Financial Accounting -> Asset Accounting -> Organizational Structure -> Copy Reference Chart of Depreciation/Depreciation Area



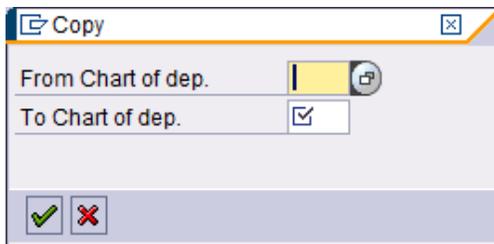
Click on execute button.



Double click on Reference Chart of Depreciation



Click on Copy as  button.



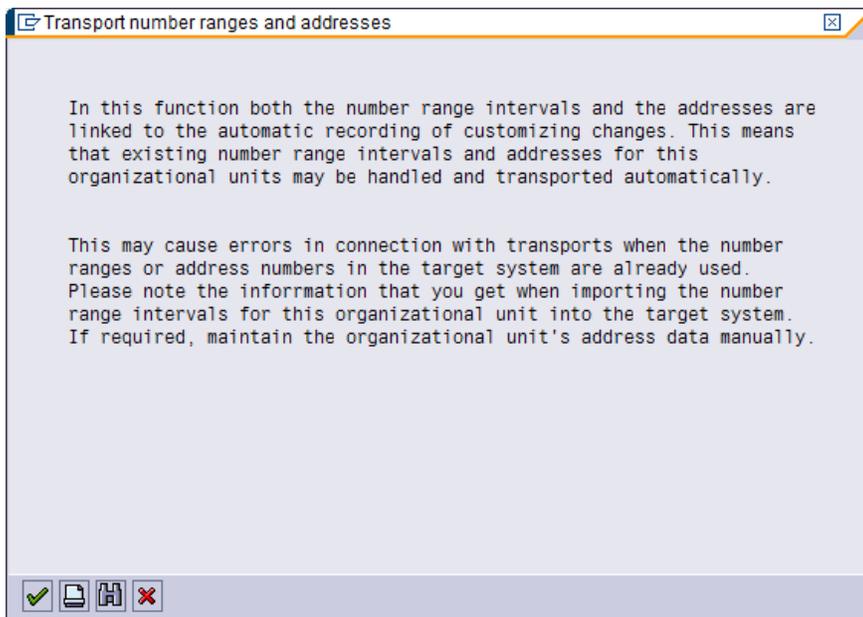
Give Following information:

From Chart of dep.: Chart of dep. from where you want to copy

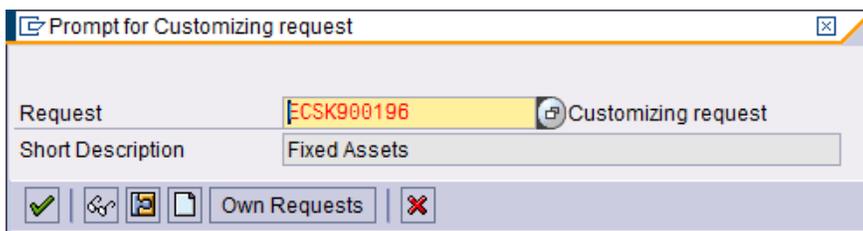
To Chart of dep.: Four digit identification for chart of dep.



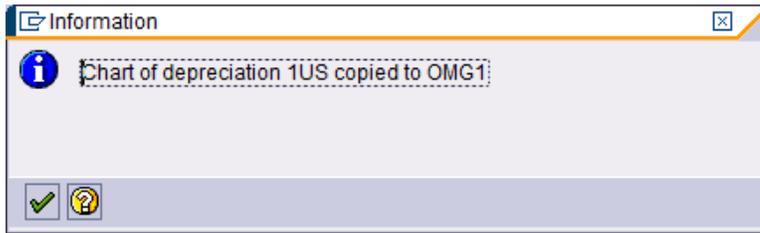
Press Enter.



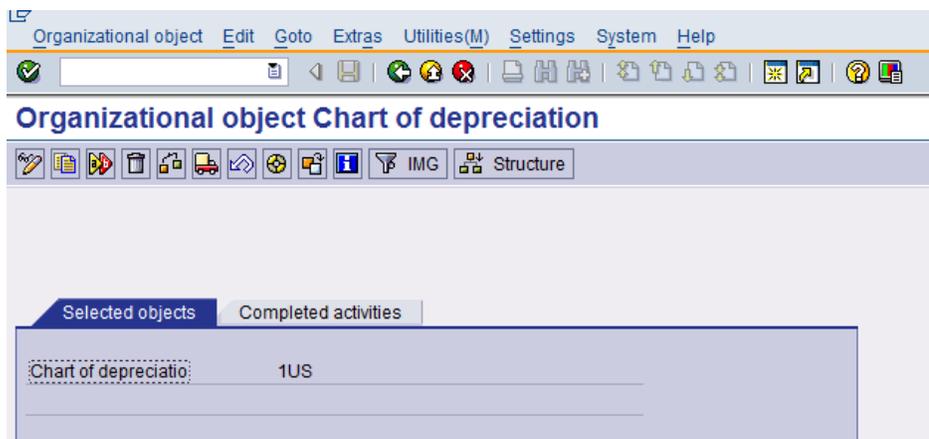
Press enter.



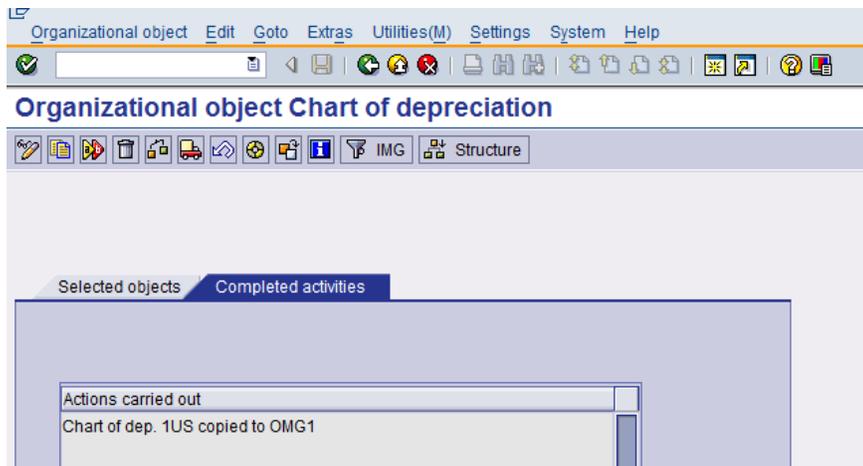
Press Enter.



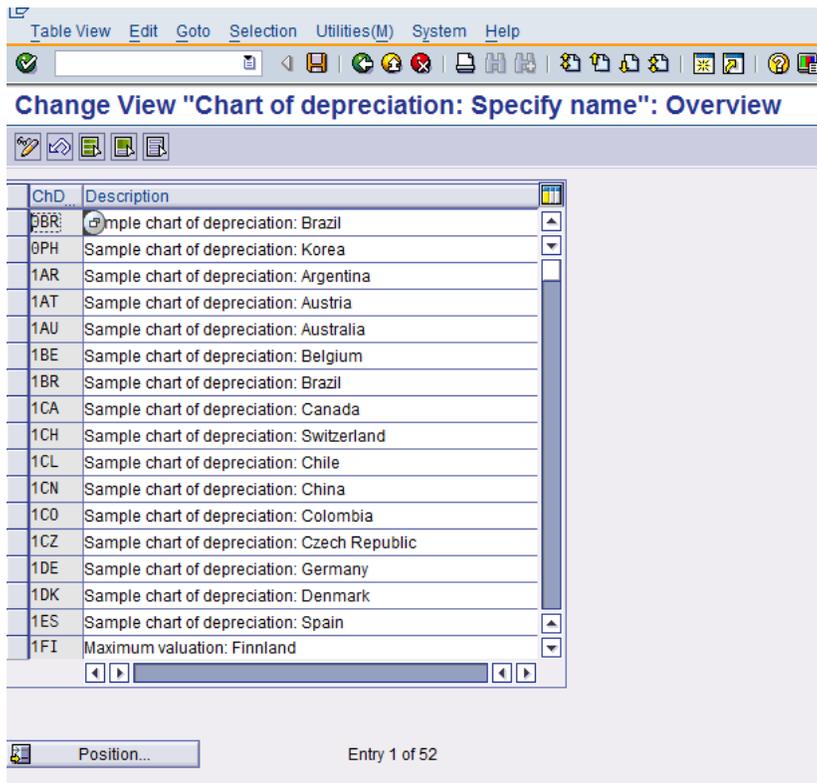
Press enter.



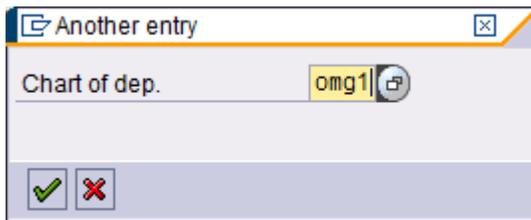
Click on Complete activities tab.



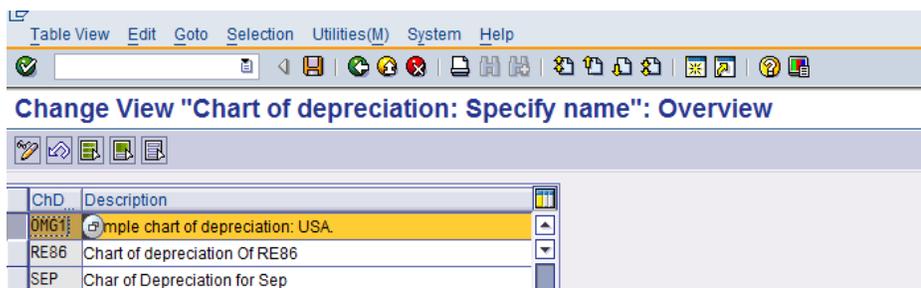
Go back.



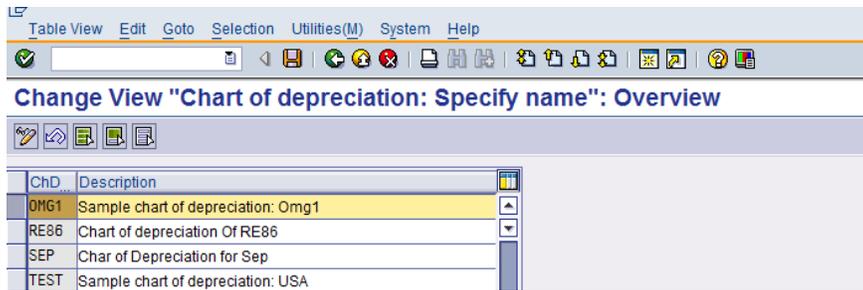
Click on Position and give you chart of dep..



Press enter.



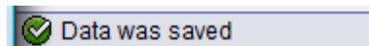
Select your chart of dep. And change Description.



Press save button.



Press enter.



Go back.

Table View Edit Goto Selection Utilities(M) System Help

Change View "Define Depreciation Areas": Overview

Chart of dep. Sample chart of depreciation: Omg1

Ar.	Name of depreciation area	Real	G/L	Trgt Group
1	Book depreciation	<input checked="" type="checkbox"/>	1	
10	Federal Tax ACRS/MACRS	<input checked="" type="checkbox"/>	0	
11	Alternative Minimum Tax	<input checked="" type="checkbox"/>	0	
12	Adjusted Current Earnings	<input checked="" type="checkbox"/>	0	
13	Corporate Earnings & Profits	<input checked="" type="checkbox"/>	0	
17	Fed Tax MACRS (for states not allowing bonus depr)	<input checked="" type="checkbox"/>	0	
30	Consolidated balance sheet in local currency	<input checked="" type="checkbox"/>	0	
31	Consolidated balance sheet in group currency	<input checked="" type="checkbox"/>	0	
32	Book depreciation in group currency	<input checked="" type="checkbox"/>	0	
40	State modified ACRS	<input checked="" type="checkbox"/>	0	
50	Derived area	<input type="checkbox"/>	0	

Select 11,12,13,17,31,32,40 and 50.

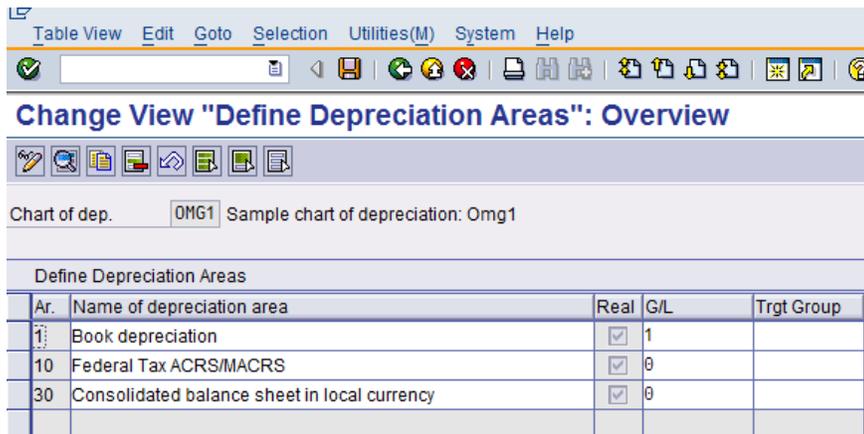
Table View Edit Goto Selection Utilities(M) System Help

Change View "Define Depreciation Areas": Overview

Chart of dep. Sample chart of depreciation: Omg1

Ar.	Name of depreciation area	Real	G/L	Trgt Group
1	Book depreciation	<input checked="" type="checkbox"/>	1	
10	Federal Tax ACRS/MACRS	<input checked="" type="checkbox"/>	0	
11	Alternative Minimum Tax	<input checked="" type="checkbox"/>	0	
12	Adjusted Current Earnings	<input checked="" type="checkbox"/>	0	
13	Corporate Earnings & Profits	<input checked="" type="checkbox"/>	0	
17	Fed Tax MACRS (for states not allowing bonus depr)	<input checked="" type="checkbox"/>	0	
30	Consolidated balance sheet in local currency	<input checked="" type="checkbox"/>	0	
31	Consolidated balance sheet in group currency	<input checked="" type="checkbox"/>	0	
32	Book depreciation in group currency	<input checked="" type="checkbox"/>	0	
40	State modified ACRS	<input checked="" type="checkbox"/>	0	
50	Derived area	<input type="checkbox"/>	0	

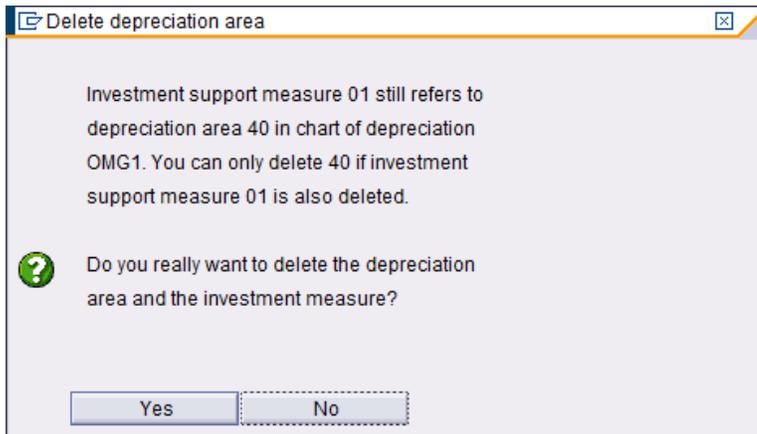
Press delete button.



You see the message.



Press save button.



Press Yes.

Document lines: Display messages

Type	Item	Message Text	LText
OMG111		Area 11 will be deleted in other systems at the asset level!	
OMG112		Area 12 will be deleted in other systems at the asset level!	
OMG113		Area 13 will be deleted in other systems at the asset level!	
OMG117		Area 17 will be deleted in other systems at the asset level!	
OMG131		Area 31 will be deleted in other systems at the asset level!	
OMG132		Area 32 will be deleted in other systems at the asset level!	
OMG140		Area 40 will be deleted in other systems at the asset level!	

Press enter.

Prompt for Customizing request

View Maintenance: Date: V_T093_00N

Request: **ECSK900196** Customizing request

Short Description: Fixed Assets

Own Requests

Press enter.

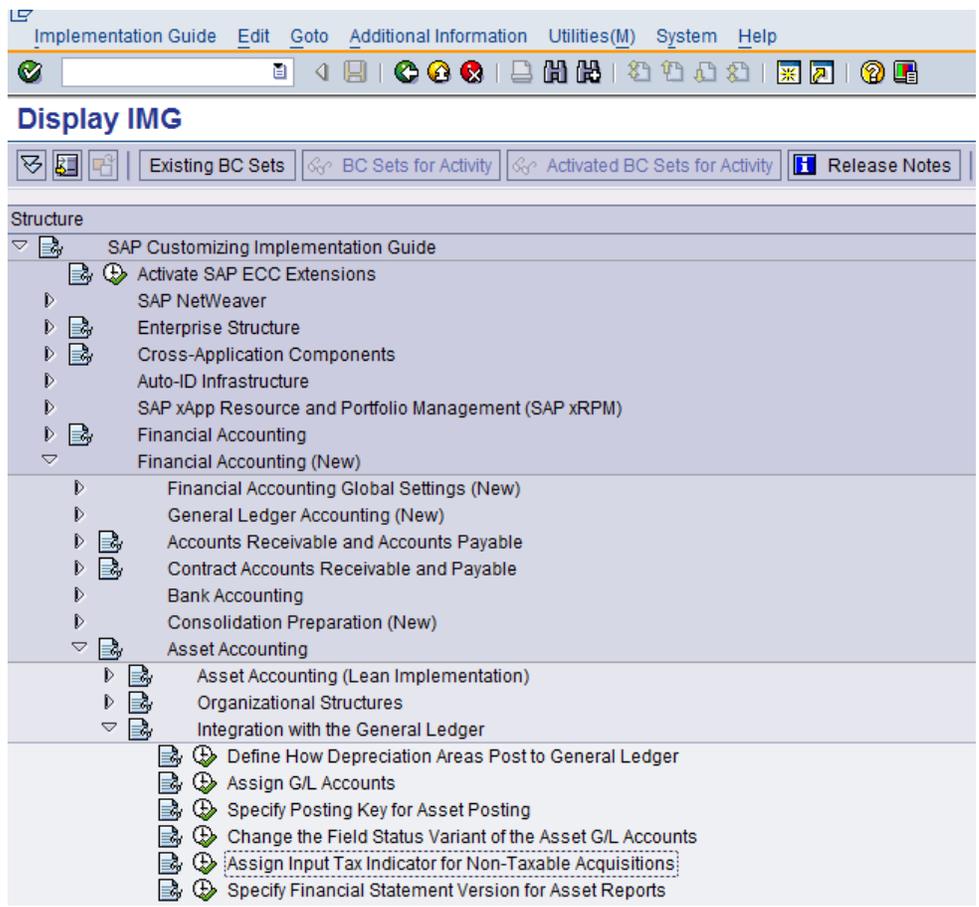
Data was saved

3. Assign Input tax indicator for Non-Taxable Acquisition:

You specify an input tax indicator per company code. The system then uses this indicator when you post acquisitions that are not subject to tax, but which are posted to accounts that are tax-relevant.

An acquisition of this type is an acquisition from in-house production. In the Asset Accounting posting transaction for this acquisition, the input tax indicator is not ready for input.

IMG -> Financial Accounting (New) -> Asset Accounting -> Integration with the General Ledger -> Assign Input Tax Indicator for Non- Taxable Acquisitions



Click on execute button.

Co	Company Name	City	Input ta	Output t	Jurisdict c
0001	GP A.G.	Walldorf	V0	A0	
0005	IDES AG NEW GL	Frankfurt	V0	A0	
0006	IDES US INC New GL	New York	I0	S0	7700000000
0007	IDES AG NEW GL 7	Frankfurt	V0	A0	
0008	IDES US INC New GL 8	New York	I0	S0	7700000000
0088	ED Co.	Omaha	I0	S0	7700000000
0100	IDES Japan 0100	Tokyo			
0110	IDES Japan 0110	Tokyo			
1000	IDES AG	Frankfurt	V0	A0	
1001	US based ABC	Los Angeles	I0	S0	NJ00000000
1002	Singapore Company	Singapore			
2000	IDES UK	London	V0	A0	
2001	Indian Based - Automobile	Hyderabad			
2100	IDES Portugal	Lisbon	S0	L0	
2200	IDES France	Paris	V0	A0	
2201	IDES France affiliate	Paris	V0	A0	
2300	IDES España	Barcelona	S0	R0	

Position... Entry 1 of 179

Click on Position and give your company code.

Another entry

Company Code omg1

✓ ✗

Press enter and give input and output tax. (You can give V0 for Input tax and A0 for output tax.

Co	Company Name	City	Input ta	Output t	Jurisdict c
omg1	mega Enterprise	Pearland	K1	K2	
PACL	THE PARALLEL	HOUSTON			
R100	IDES Retail GmbH	Glessen	V0	A0	

Press save button.

The screenshot shows a dialog box titled "Prompt for Customizing request". It contains the following fields and controls:

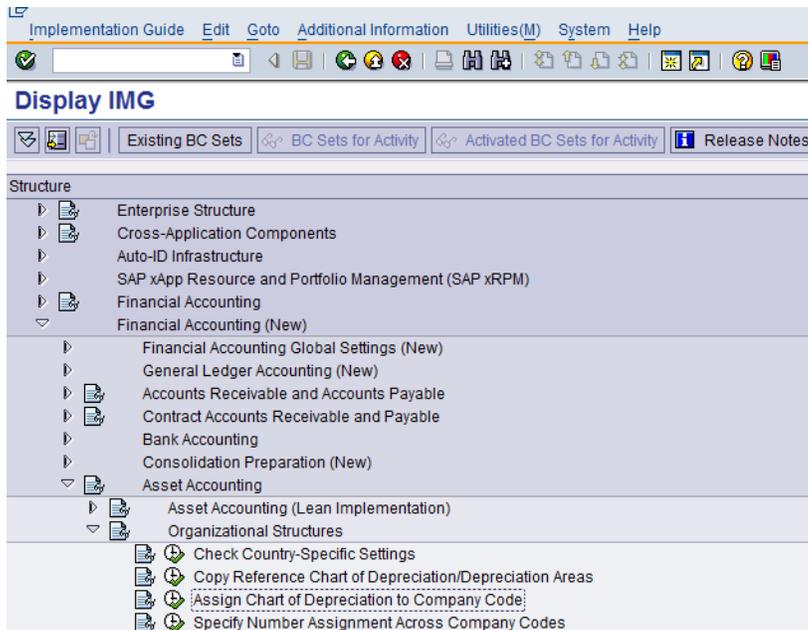
- View Maintenance: Data: V_001_J
- Request: ECSK900196 (highlighted in yellow) with a "Customizing request" icon to its right.
- Short Description: Fixed Assets
- Buttons: A green checkmark, a refresh icon, a print icon, a button labeled "Own Requests", and a red X icon.

Press enter.

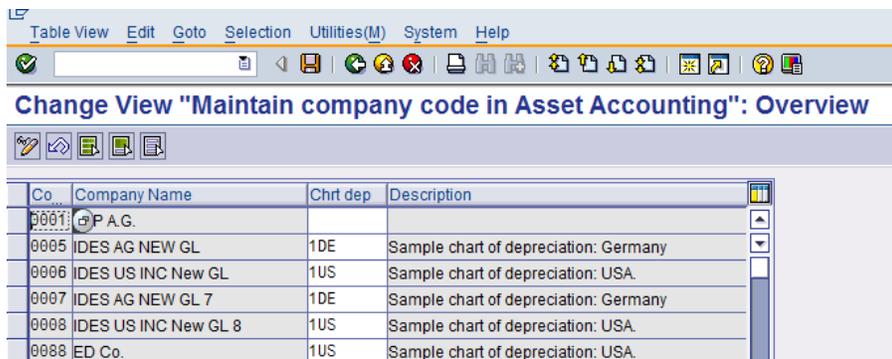


4. Assign chart of depreciation to company code:

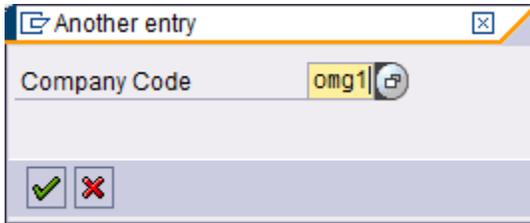
IMG -> Financial Accounting -> Asset Accounting -> Organizational Structures -> Assign Chart of Depreciation to Company Code



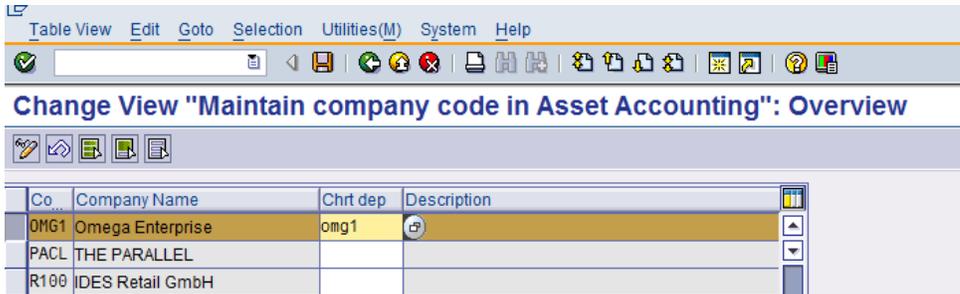
Click on execute button.



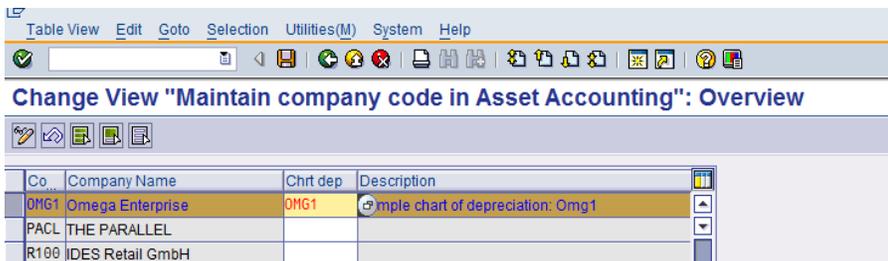
Click on Position  button and give your company code.



Press enter and give your chart of depreciation.



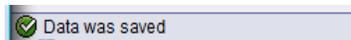
Press enter.



Press save button.



Press enter.

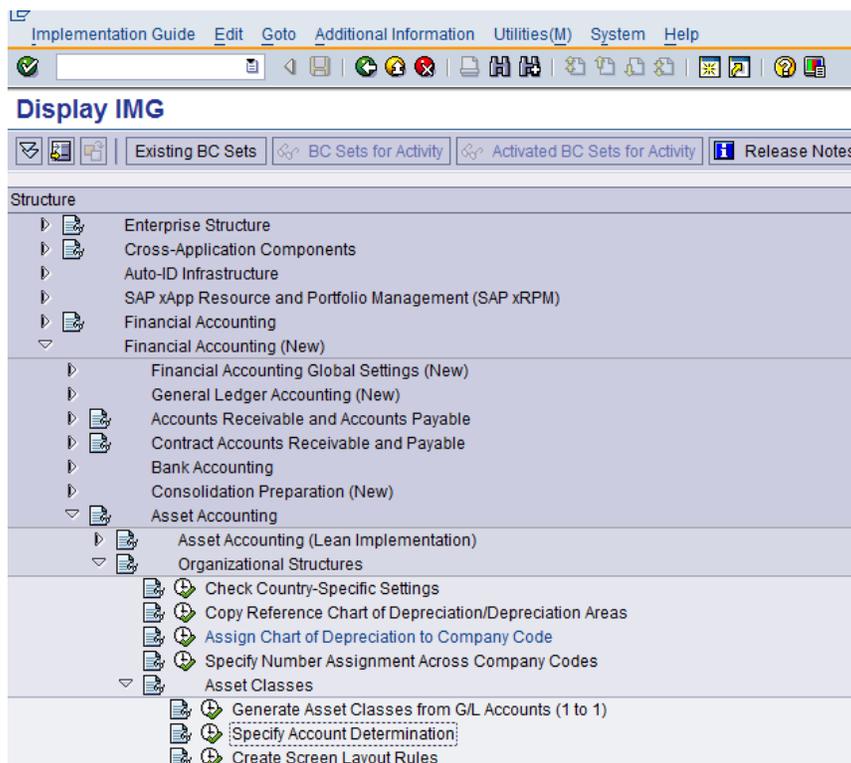


5. Specify Account Determination:

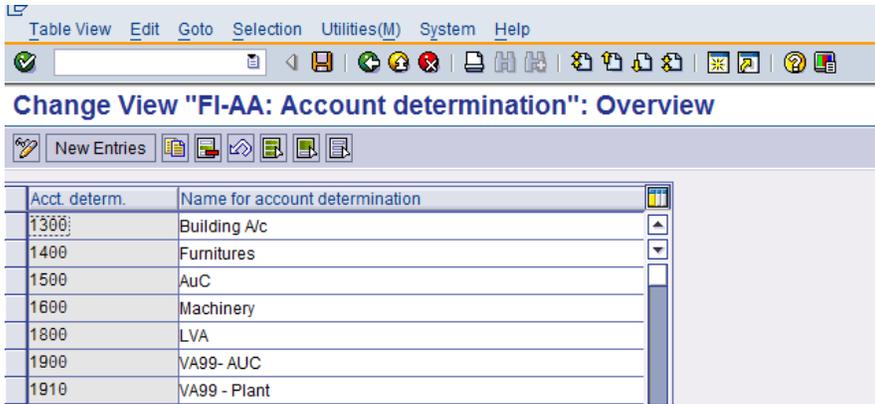
Using the Asset Accounting component, you can automatically update all relevant transactions to the general ledger. These include all accounting transactions that are posted to assets, and all changes to asset values that are automatically calculated by the system. This update takes place immediately online for the master depreciation area.

You enter the account determination key in the general master data for the asset class. The account determination key defines the accounts in Financial Accounting that should be posted during asset transactions, for each chart of accounts and depreciation area (defined as an automatic posting area) in the chart of depreciation.

IMG -> Financial Accounting -> Asset Accounting -> Organizational Structures -> Asset Classes -> Specify Account Determination



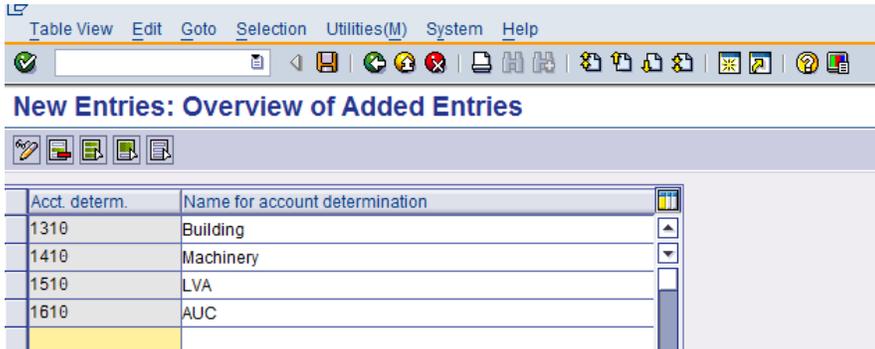
Click on execute button.



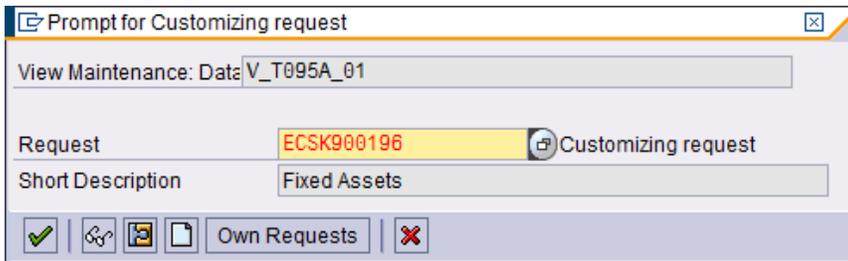
Before you create account determination you must create following G/L accounts under asset account group:

- 1310 - Building Recon G/L account
- 1410 - Machinery Recon G/L account
- 1510 - LVA Recon G/L account
- 1610 - AUC Recon G/L account

We will create account determination same as our asset g/l account numbers.



Press save button.



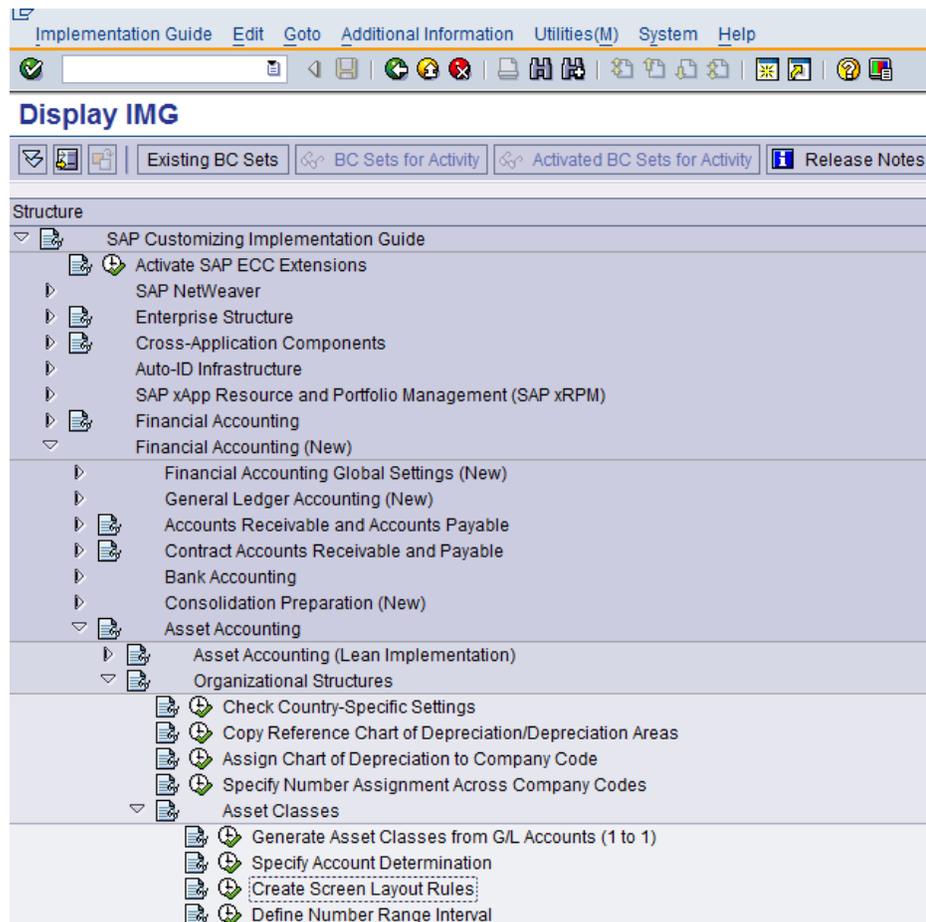
Press enter.



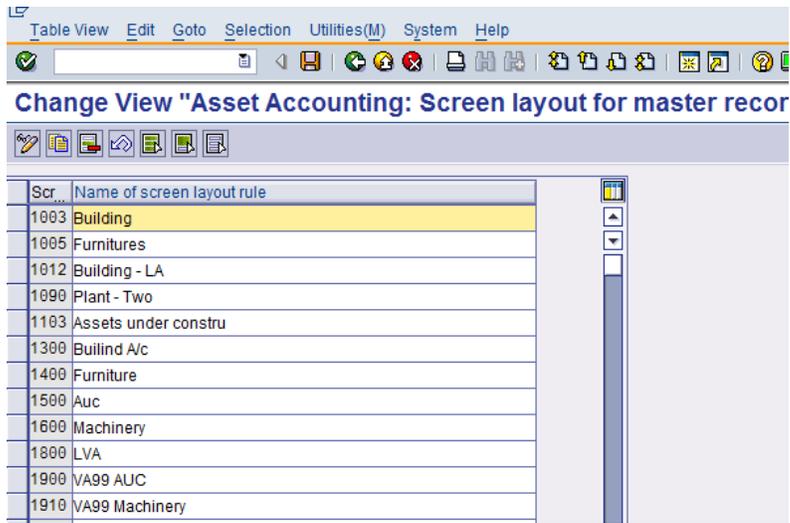
6. Create Screen Layout Rules:

The screen layout specifies the status of the fields in the asset master record. You use the screen layout to determine if fields are required entry or optional entry fields, or if they are suppressed completely, for example.

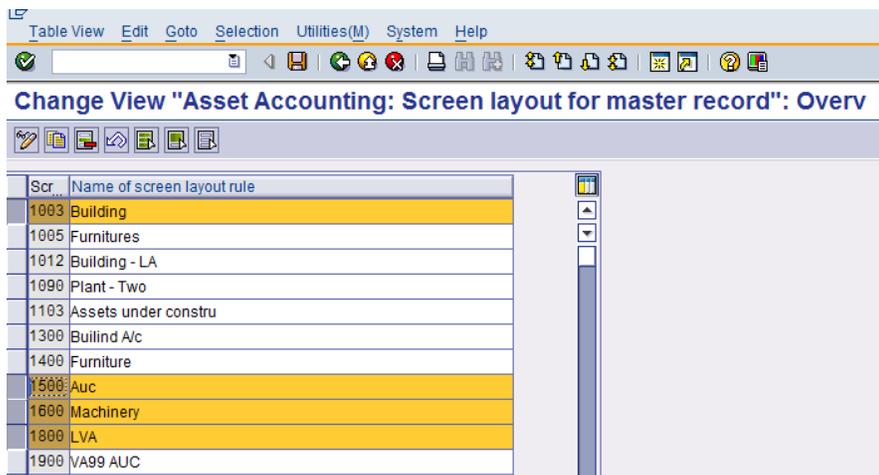
IMG -> Financial Accounting -> Asset Accounting -> Organizational Structures -> Asset Classes -> Create Screen Layout Rules



Click on execute button.



We will copy screen layout. Select 1003, 1500, 1600 and 1800 screen layout.



Click on Copy as button.