

Inventory Management (OIC_C03) Part - 3



Applies to:

SAP NetWeaver Business Warehouse (Formerly BI), Will also work on SAP BI 3.5. For more information, visit the [Business Intelligence homepage](#).

Summary

This article tells about the Movement Types Overview and Process Keys in Inventory Management/Material Management.

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Introduction

Managing the inventory involves a wide range of activities, both logistical (such as monitoring inventory levels, triggering reordering, and tracking Material, Plant numbers and Material locations etc...) and financial such as calculating the actual cost of each Material, and analyzing the costs of maintaining the inventory.

To track all movements of the goods, SAP introduced Movement Types/Process Keys.

SAP-BI/BW DataSources/Extractors will extract the Inventory Management data from ECC by using Process Keys/ BW: Transaction keys.

Movement Types

A classification key indicating the type of material movement (for example, goods receipt, goods issue, physical stock transfer).

The movement type enables the system to find predefined posting rules determining how the accounts of the financial accounting system (stock and consumption accounts) are to be posted and how the stock fields in the material master record are to be updated.

When you enter a goods movement in the system, you must enter a movement type to differentiate between the various goods movements. A movement type is a three-digit identification key for a goods movement. The following table contains examples of movement types

E.g.:

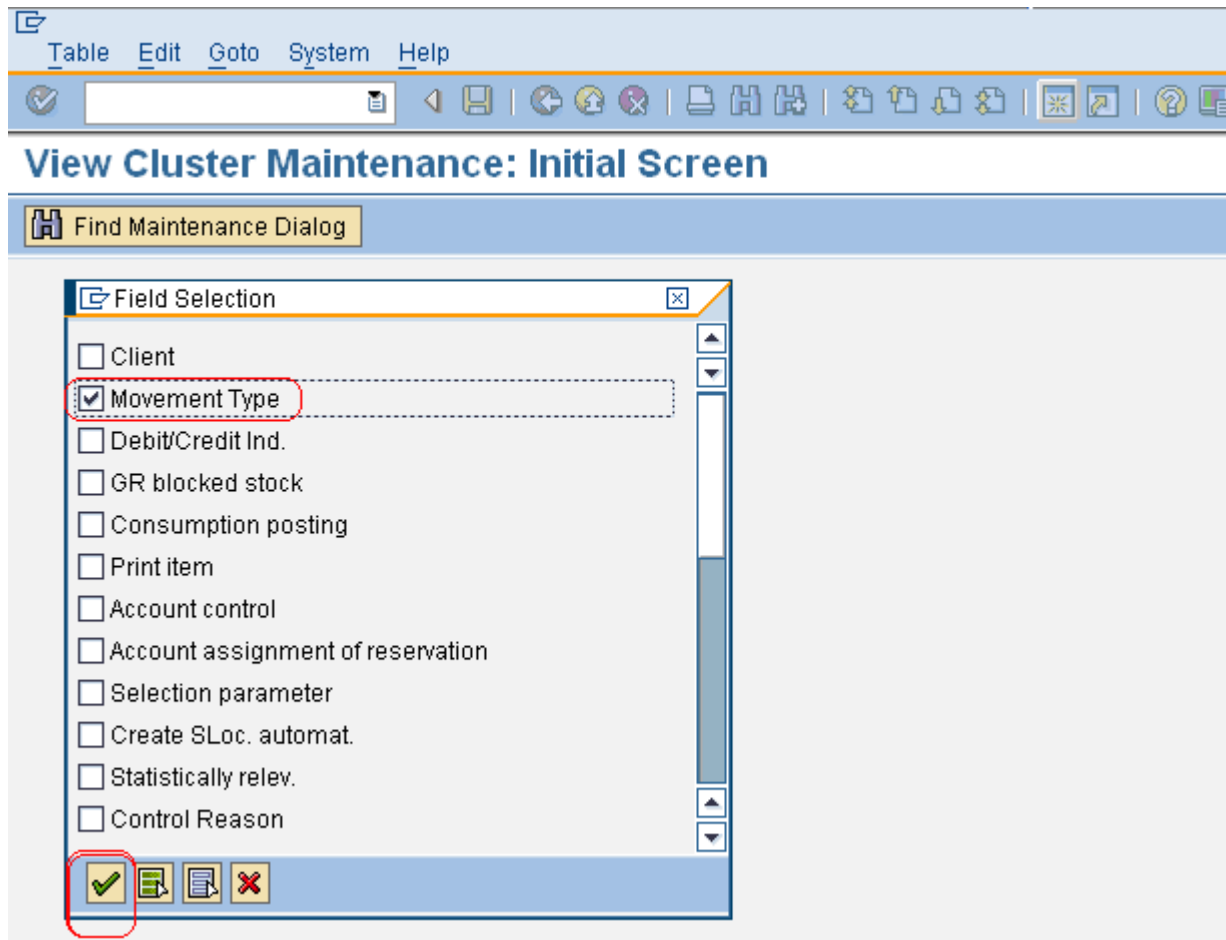
101	-	GR goods receipt
102	-	GR for PO reversal
103	-	GR into blocked stck
104	-	GR to blocked rev.
105	-	GR from blocked stck
106	-	GR from blocked rev.
107	-	GR to Val. Bl. Stock
108	-	GR to Val. Bl. Rev.
109	-	GR fr. Val. Bl. St.
110	-	GR fr. Val. Bl. Rev.
901	-	GR Qty Adjustment
902	-	GR for PO Reversal

The reversal movement type is the movement type + 1 (reversal of 101 = 102).

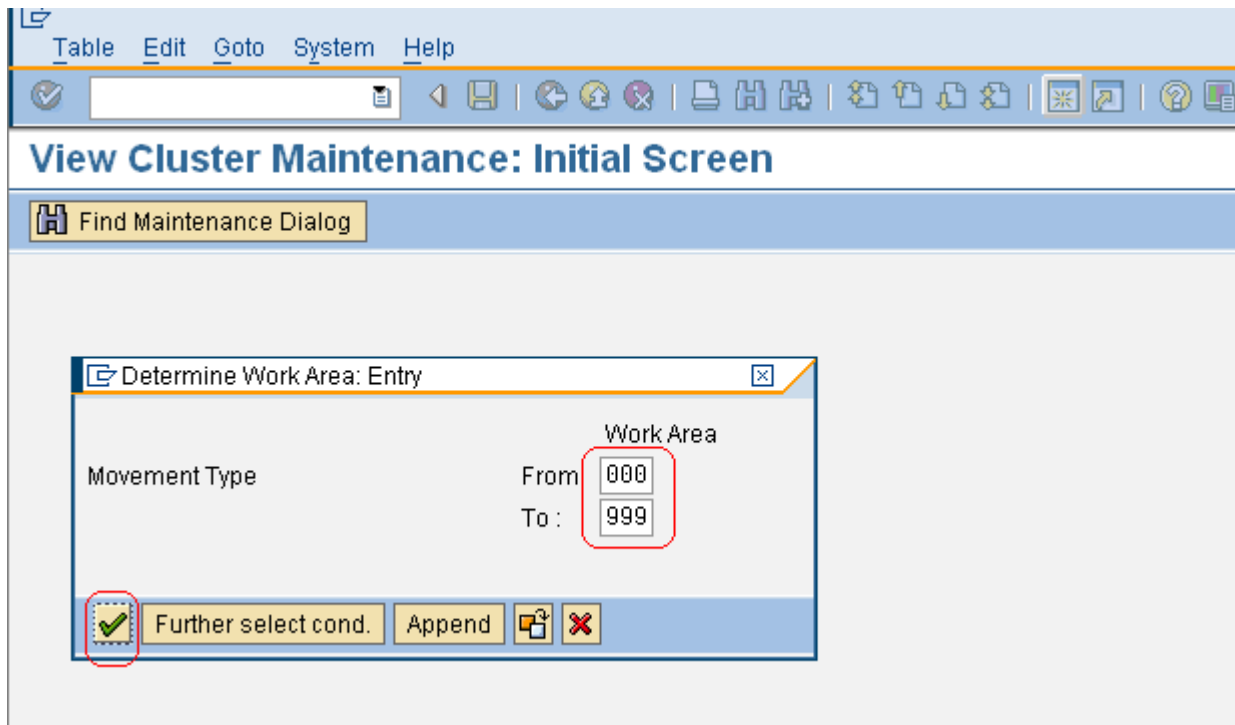
Note: Based on Business requirements, we can add Customer defined Movement Types also and it will starts with 9 and Z.

Customizing: New Movement Types

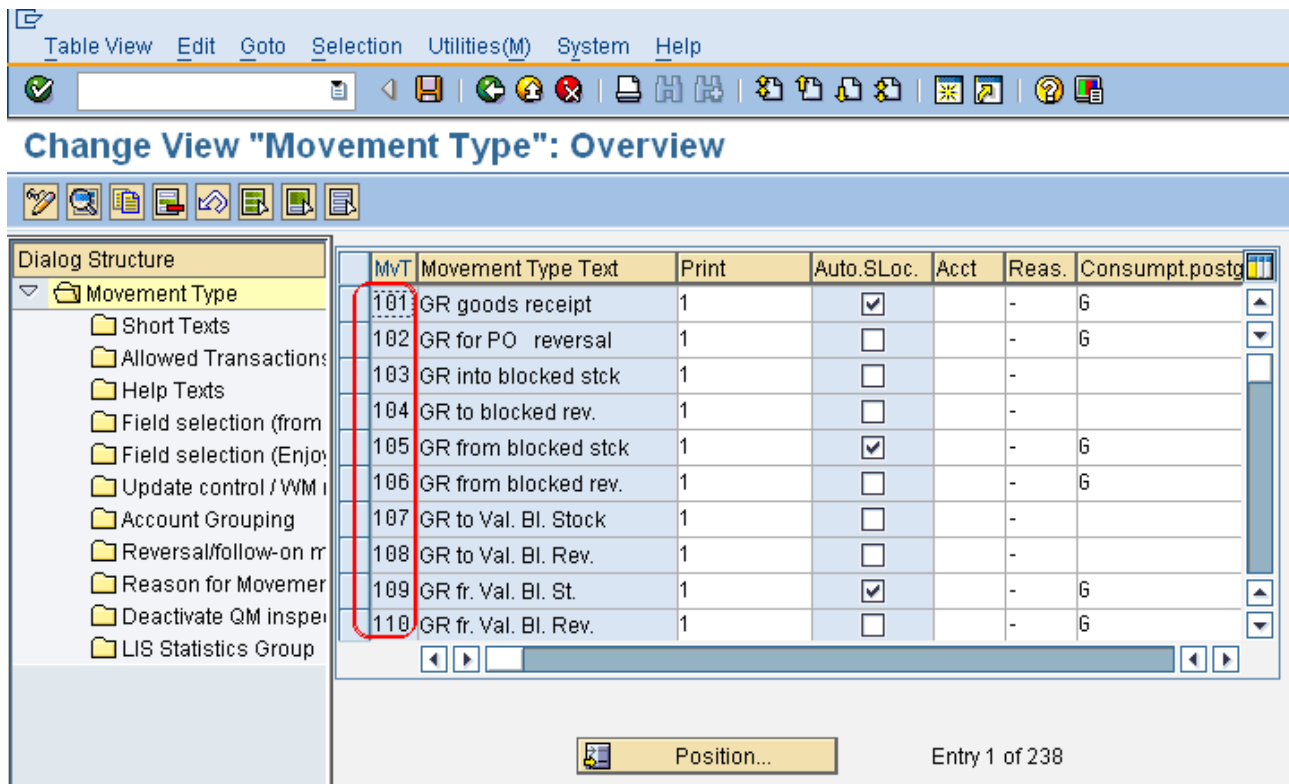
By using Transaction Code **OMJJ**, check all Movement Types are configured or not in ECC, to do this we need to take MM-Functional Consultants help.



Select Movement Types and then enter.



Give From is **000** and To is **999** and Enter.



See the configuration settings of all Movement Types, based on these settings, 2LIS_03_* DataSources will fetch the data from ECC to BI/BW, so check properly.

BW: Transaction Key SAP BW/Process Keys

Transaction key's used to transfer the Logistics movement data to SAP BW.

The transaction key contains the key figures. When the InfoCubes are updated, the keys are broken down into their component key figures.

The transaction key is unique in conjunction with the application and the LIS application.

Logistics key figures are changed into transaction keys for each industry and LIS application.

E.g.

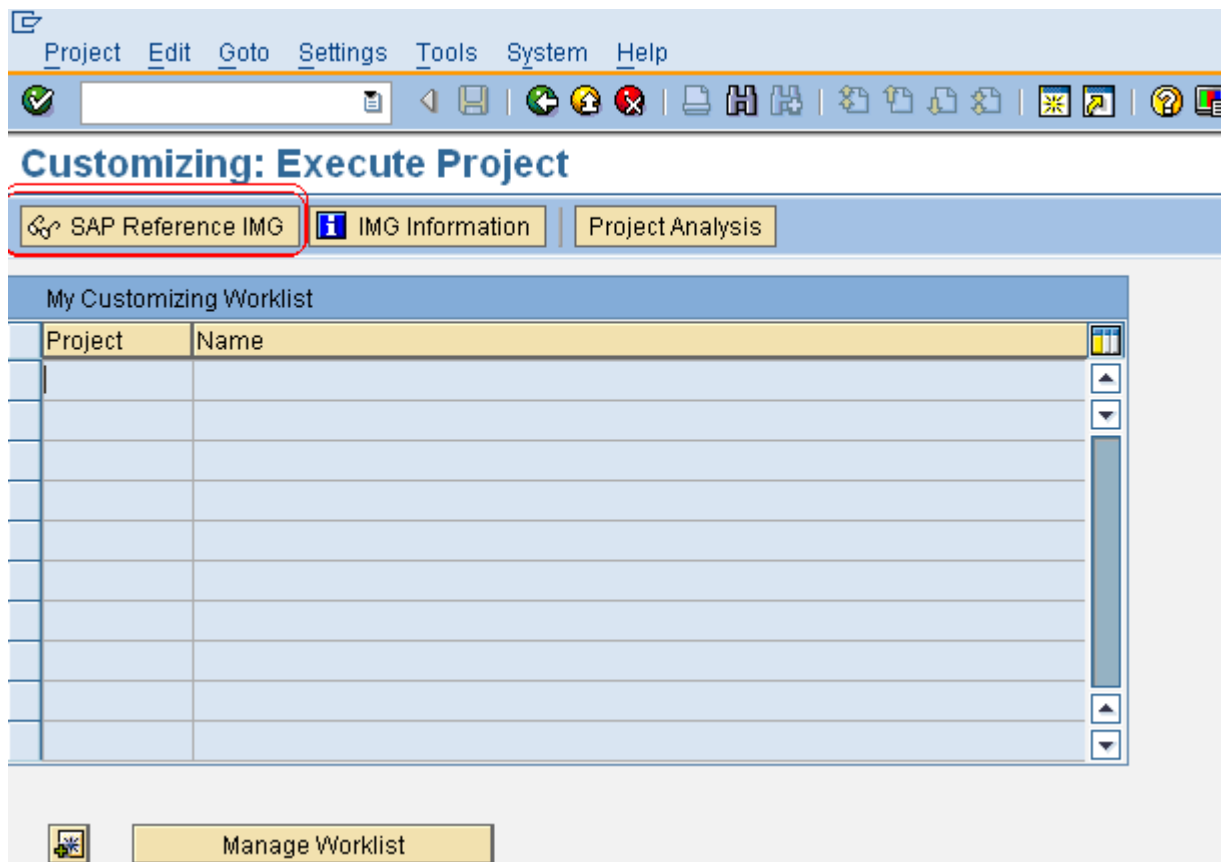
Core industry : MM

LIS application : Purchasing

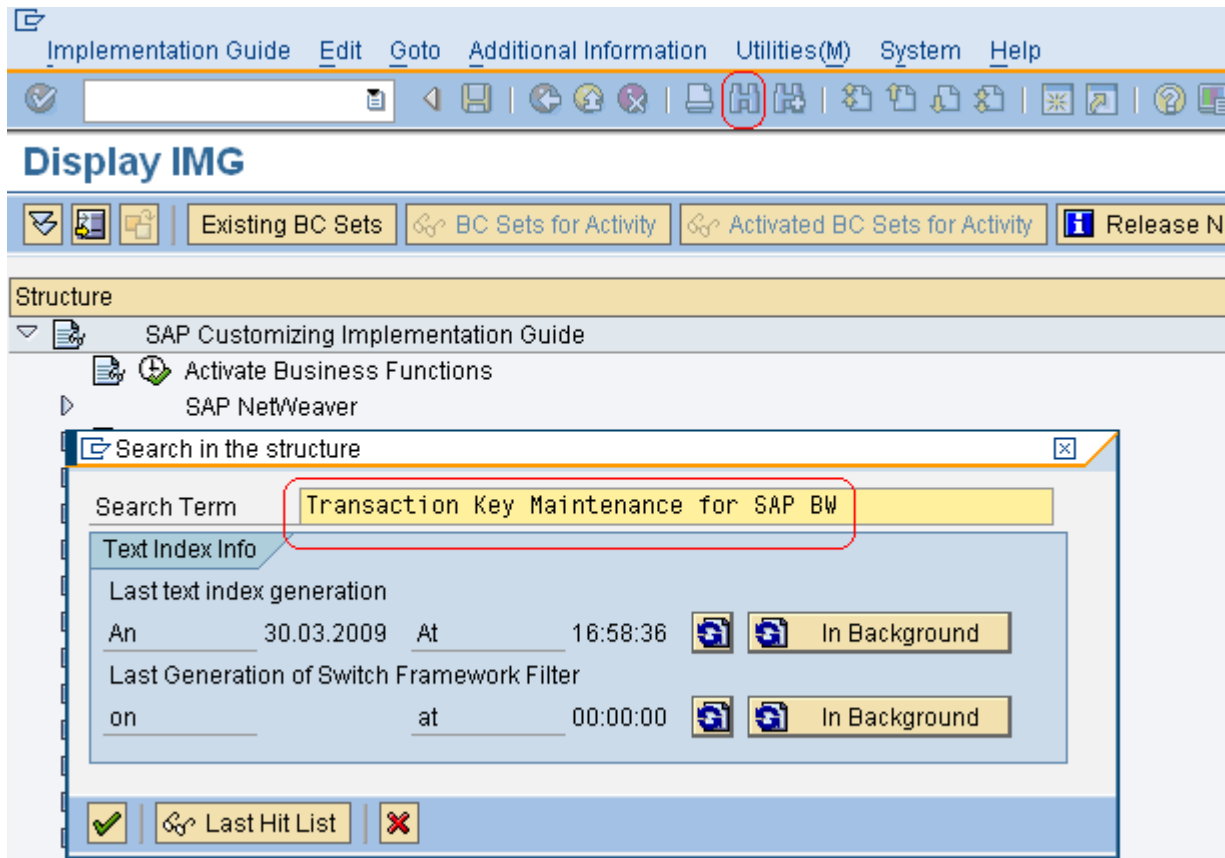
Transaction key 001: Purchase order with external vendor

You can also use customer-specific transaction keys. Transaction key: SAP name space 001-499, customer name space 500-999.

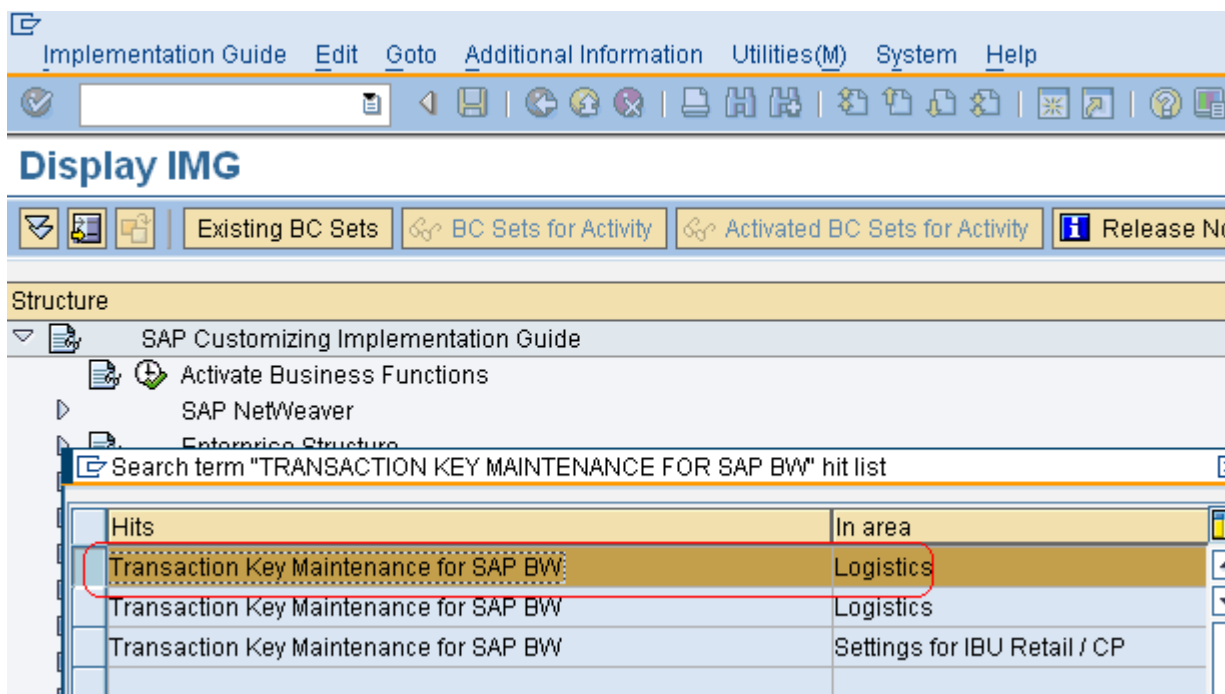
You can check the BW: Transaction keys/Process Keys in ECC, by using SPRO Transaction Key , see the navigation.



Search for "Transaction Key Maintenance for SAP BW".



Select it and double click on Transaction Key Maintenance for SAP BW



It will display the following screen with all Transaction Key's details; see for application component MM with Application 03.

The screenshot shows the SAP Display View 'Transaction Key Maintenance for Transfer into BW'. The interface includes a menu bar (Table View, Edit, Goto, Selection, Utilities(M), System, Help) and a toolbar with various icons. The main content is a table with the following columns: Appl. component, App..., Operat., and Description. A red box highlights the rows from MM 03 0 to MM 03 152.

Appl. component	App...	Operat.	Description
MM	02	51	Return Deliv. Sched./ Internal CC
MM	02	61	Returns - Scheduling Agreement/Cross
MM	03	0	Other
MM	03	1	Goods Receipt/Vendor
MM	03	4	Material Transfer Posting/Receipt
MM	03	5	Stock Adjustment Inventory+
MM	03	6	Stock Adjustment Other+
MM	03	10	Inward Movement. from Transfer Postn
MM	03	50	Other Revaluation +
MM	03	51	Revaluation/ Price Change +
MM	03	52	Revaluation/Invoice Verification +
MM	03	100	Other Outward Movement
MM	03	101	Returns Receipt/Vendor
MM	03	104	Material Transfer Posting/Issue
MM	03	105	StAdj Inventory-
MM	03	106	Stock Adjustment Other-
MM	03	110	Issue from Stock Transfer
MM	03	150	Other Revaluation -
MM	03	151	Revaluation/Price Change -
MM	03	152	Revaluation/Invoice Verif. -

All above Transaction Keys/Process Keys are SAP defined ones only.

If we want to write any logic in Update Rules/Transformations for Customer defined KeyFigures in SAP-BI/BW for 01C_C03 InfoCube we need to use this Transaction Keys/Process Keys or Movement Types.

Related Content

[Material Movements](#)

[Inventory Management \(01C_C03\) Part - 1](#)

[Inventory Management \(01C_C03\) Part - 2](#)

[Analysis Process Designer \(APD\): Part - 1](#)

[Analysis Process Designer \(APD\): Part - 2](#)

[Data Flow from LBWQ/SMQ1 to RSA7 in ECC and Delta Extraction in BI](#)

[Checking the Data using Extractor Checker \(RSA3\) in ECC Delta Repeat Delta etc...](#)

[Using Customer Exit Variables in BW Reports Part - 3](#)

[How to use Customer Exit Variables in BW Reports: Part - 2](#)

[Using Customer Exit Variables in BW or BI Reports Part - 1](#)

[Using Text Variables with Customer Exits in Report Headings](#)

[SAP NetWeaver Business Intelligence](#)

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