

### 3 Inventory Management (IM)

#### **MB00** Inventory Management Menu

This transaction is used to access the inventory management menu. The areas accessible from this menu include Goods Movements, Material Documents, Reservations, Periodic Processing and the environment area, which includes stock overview reports, list displays and the inventory controlling transactions.

#### **MB01** Goods Receipt For Purchase Order

This transaction is used to perform a goods receipt for a Purchase Order. The movement type that is entered in this transaction determines the process involved in the goods receipt, which can include goods receipt into blocked stock, return delivery to a vendor, receipt without a purchase order and goods receipt reversals.

#### **MB02** Change Material Document

This transaction is used to change a material document that has been generated. The transaction allows some fields to be changed in the material document, such as recipient of a service, unloading point and general text fields, depending on the movement type that generated the document.

#### **MB03** Display Material Document

This transaction is similar to MB02 except that it allows users only to display the material document that is specified. If the material movement generated accounting documents, those documents can be accessed via this transaction.

#### **MB04** Subcontracting Subsequent Adjustment

This transaction is used for a subsequent adjustment with reference to a subcontracting purchase order. If material is sent to a subcontractor to perform an external operation and the vendor requires additional material due to damaged items, this transaction is used to adjust the quality. This transaction has been superseded by MIGO\_GS.

#### **MB0A** Goods Receipt – PO Unknown

This transaction is used to perform a goods receipt when the purchase order is unknown. If you do not know the purchase order number, you can enter the vendor that provided the items, as well as the material and quantity that has been received. This transaction has been superseded by transaction MIGO.

#### **MB1A** Enter Goods Issue

This transaction is used to perform a goods issue. The material in a goods issue is consumed, and a reduction in stock level is performed. For example, the material consumption can be against a cost center, sales order, sample or scrap. This transaction has been superseded by transaction MIGO\_GI.

#### **MB1B** Enter Transfer Posting

This transaction is used to transfer material from one physical or logical location to another. For example, a material can be transferred between two storage locations, or between two logical states such as quality inspection to unrestricted. This transac-

tion has been superseded by transaction MIGO\_TR.

#### **MB1C** Enter Other Goods Receipts

This transaction is used for goods receipts that are not associated with purchase orders or production orders, such as a goods receipt of a by-product. This transaction can be used when initially loading inventory into the system. This transaction has been superseded by transaction MIGO\_GI.

#### **MB21** Create Reservation

This transaction is used to create a reservation of material. A reservation document is a formal request to retain materials in the warehouse so that they are ready for withdrawal at a later date and for a specific purpose.

#### **MB22** Change Reservation

This transaction is used to change an existing material reservation. The quantity of the material to be reserved and the location where it is to be reserved from. A reservation can be changed only if it is created manually and not automatically generated.

#### **MB23** Display Reservation

This transaction is used when it is necessary to display the details of a material reservation.

#### **MB24** Reservation List Inventory Management

This transaction is used to produce a list of material reservations. A large number of selection criteria can be entered. The reservation list shows reservation number, item number, requirement date, movement type, material number, reserved quantity, reservation category and account assignment.

#### **MB26** Pick List

This transaction is used to produce a pick list based on reservation information. The pick list shows quantity of material to be picked, reservation number, order number, required date and quantity already withdrawn. The transaction is very similar to CO27, but that transaction is based on order information. The other difference between MB26 and CO27 is that MB26 can be scheduled as a background job and CO27 cannot.

#### **MB51** Material Document List

This transaction is used to create a list of material documents based on selection parameters. The list shows material documents per material, which includes movement type, plant, storage location, posting date and quantity posted.

#### **MB52** Display Warehouse Stocks of Material

This transaction is used to create a report that shows the inventory levels of materials within a plant. The report shows the totals for each material in a plant, including unrestricted stock, stock in transit, stock in quality, restricted stock, blocked stock, returns and unrestricted stock. The report also shows the value of the material for each of the individual totals.

#### **MB53** Plant Availability

This transaction is used to show the availability of a specific material at one or more plants. The transaction displays the unrestricted total for the material at each plant as well as the unrestricted consignment total, unrestricted sales order total, and the unrestricted project total.

**MB54** Display Consignment Stocks

This transaction is used to display the unrestricted consignment stock at one or many plants. The display shows the material at each plant that is supplied by one or more vendors. The unrestricted consignment stock is shown by quantity, price per unit and overall value of the stock for each storage location and batch.

**MB56** Display Batch Where-Used List

This transaction is used to find where a batch of material is used. The display requires a material, plant number and batch number. The display shows where the batch has been used including inspection lots, transfer posting, orders, and purchase orders. The user has the choice whether the analysis is top-down or bottom-up.

**MB58** Display Consignment and Returnable Packaging Stocks at Customer

This transaction is used when consignment or returnable packaging is required to be located at a customer. The selection criteria are not mandatory but this will give a report of all materials at customer locations. The report shows the material located at each customer with totals for unrestricted, restricted and quality inspection stock.

**MB59** Material Document List

This transaction is used to display a selection of material documents. The selection criteria require at least one entry, for example, plant, material or posting date. The display will show the material documents for the selection criteria entered in material order indicating movement type, posting date and quantity posted.

**MB5B** Stocks on Posting Date

This transaction is used to ascertain the stock levels on a specific posting date. The transaction requires one entry in the selection criteria, such as company code, material or plant. If no selection dates are entered, the report will show current stock levels and all material movements up to the current date for the selection criteria supplied.

**MB5C** Pick-Up List for Batch Where-Used List

This transaction is used to produce a pick-up list for where a batch of material is used. This transaction is similar to MB56; however, with this transaction, a list of all relevant batches are produced, rather than a single display, which is obtained using MB56. The same result can be achieved using MB5C by selecting a batch from the pick-up list.

**MB5K** Stock Consistency Check

This transaction is used to check the consistency of stocks at company code level, valuation area level, and material level. The report shows if there are errors, such as that the actual quantity of material does not equal the total of stock records or that a table entry, such as in table MARC, does not exist.

**MB5L** List of Stock Values: Balances

This transaction is used to display a list of account balances for inventory stock. The transaction requires that a selection is made for the current period, a previous period or a previous year. No other selection is required, but the report can be restricted by material, company code or accounts. This report can show differences between the stock accounts and material value if manual changes have been made to the General Ledger stock accounts.

**MB5M** Shelf Life List

This transaction is used to display the batch shelf life of unrestricted stock in the plant. The report requires that a selection is made to determine whether remaining shelf life in the warehouse or total remaining shelf life is to be shown. The report shows a red stop light for batches that have expired, the date on which the batch expires, the quantity of the batch to expire and the number of days that have passed since expiry or the number of days until the batch expires.

**MB5S** List of GR/IR Balances

This transaction is used to show the details of goods receipt and invoice balances. There is no mandatory selection for this report, but the result can be restricted by vendor, purchasing organization, purchasing group, purchasing document or material. The list produced by this transaction shows the details for each purchase order: quantity received, quantity invoiced and invoice amount. Invoices that are in excess of the quantity received are highlighted.

**MB5T** Display Stock in Transit

This transaction is used to display material that is identified as stock in transit processed, using a two-step stock transport order. There is no mandatory selection for this report, but the report can be restricted by material, supplying plant, receiving plant, and special stock.

**MB5U** Analysis of Conversion Differences

This transaction is used to analyze differences that are due to conversions between a material's unit of entry and base unit of measure. Typically, differences are produced when rounding differences occur between metric and imperial units of measure.

**MB90** Output from Goods Movements

This transaction is used to produce output for a goods movement. The selection criteria for this transaction include output type, transmission medium and processing mode. It is possible to restrict the output by entering a single or range of material documents.

**MBBM** Batch Input: Post Material Document

This transaction is used to create a batch input session, in order to post material documents for goods movements. The data for the batch input session is imported from the file that is entered in the selection criteria. A flag exists in the transaction, so the batch can be run in test only mode.

**MBBR** Batch Input: Create Reservation

This transaction is used to create a batch input session, in order to create material reservations. The data for the batch input session is imported from the file that is entered in the selection criteria. A flag exists in the transaction, so the batch can be run in test only mode.

**MBBS** Valuated Sales Order and Project Stock

This transaction is used to display the stock for material associated with a project. There are no mandatory selection criteria for this transaction. The result of the transaction shows the material quantity and value for each individual WBS element.

**MBC1** Create Batch Search Strategy

This transaction is used to create a batch search strategy. The search strategy can be created using a strategy type, for example

ME02, which is used for a plant search strategy, or ME01, which is used for movement type, plant and material combinations. If there are user-defined strategy types, these can be used.

**MBC2** Change Batch Search Strategy

This transaction is used to change an existing batch search strategy. If an existing batch search strategy requires a modification, such as to allow overdelivery or batch splits, then this can be performed using this transaction.

**MBC3** Display Batch Search Strategy

This transaction is used to display batch search strategies.

**MBGR** Material Documents with Reason for Movement

This transaction is used to display material documents that have an assigned reason for movement. There are no mandatory selection criteria for this transaction, but it is possible to enter a reason for movement for a given movement type. Other selection criteria include material, plant, and posting date.

**MBLB** Stocks at Subcontractor

This transaction is used to display stocks that are currently located at a subcontractor. There are no mandatory selection criteria for this transaction, but it is possible to restrict the result by material, vendor, plant or company code. The resulting display shows the unrestricted, quality inspection and restricted stock at each subcontractor.

**MBPM** Manage Held Data

This transaction is used to display any inventory management data that has been held. There are no mandatory selection criteria for

this transaction, but it is possible to restrict the result by username, creation date or the number of days the data has been held. It is possible to delete held data from this transaction.

**MBRL** Enter Return Delivery

This transaction is used to enter a return delivery for a material document. The material document is required to create the return, but the quantity to be returned can be changed from the amount on the original material document. When complete, a new material document will be posted, which shows the return movement.

**MBSF** Release Blocked Stock

This transaction is used to release blocked stock for a material document. The blocked stock is released, and a material document is created for the movement.

**MBSL** Copy Material Document

This transaction is used to copy an existing material document. When an existing material document is copied, it is possible to change the material quantity to be posted. For example, if a material document for a movement type 101 of a quantity of 100 is copied, the new material document can be for the same or a different quantity.

**MBSM** Cancelled Material Documents

This transaction is used to display cancelled material documents. Each line of the display shows the two material documents that correspond to the cancelled material document. For example, a line on the display may show a material document with a 262 movement type and a corresponding material document that shows a 261 movement type.

**MBST** Cancel Material Document

This transaction is used to cancel a material document. If a material document has been created or copied incorrectly, for example using transaction MBSL, this transaction allows the user to cancel that material document.

**MBSU** Place in Storage for Material Document

This transaction is used to place material into storage that is described on a material document. For example, a material document for a movement type 303, plant to plant transfer posting, can be received into storage using the material document.

**MC.1** Plant Analysis: Stock: Selection

This transaction is used to display the stock quantity and value. The report can be restricted to a single plant or a selection of plants. The report shows the valuated stock, consignment stock and total value. This report is similar to the MB5B transaction, but this transaction brings data from Inventory Controlling information structures S032 and S034, while MB5B uses material documents to create the stock analysis.

**MC.2** Plant Analysis: Receipts/ Issues: Selection

This transaction is used to show the value of receipts and issues for a single or multiple plants. The report shows the value of the receipts, value of issues and number of movements for a plant over a given period. It is possible to drill down on each plant to show the value of receipts and issues for each storage location. This transaction uses data from information structures S031 and S034.

**MC.3** Plant Analysis: Inventory Turnover: Selection

This transaction is used to show the inventory turnover of valuated stock and the average valuated stock value at a plant over a given period. It is possible to restrict the selection to a single or a range of plants. This transaction uses data from information structure S032.

**MC.4** Plant Analysis: Range of Coverage: Selection

This transaction is used to display the range of coverage for valuated stock. The range of coverage is calculated as the value of the valuated stock divided by the value of the average total daily usage. The report also shows the value of the valuated stock for the plant selected. This transaction uses data from information structure S032.

**MC.5** Storage Location Analysis: Stock: Selection

This transaction is used to show the valuated stock for storage locations at a plant. The report shows the quantity of valuated stock, the quantity of consignment stock and the value of the valuated stock for each storage location selected. This transaction uses data from information structure S032.

**MC.6** Storage Location Analysis: Receipts/Issues: Selection

This transaction is used to show the value of receipts and issues for storage locations at a plant. The report shows the value of the receipts, value of issues and number of movements for each storage location over a given period. It is possible to drill down on each storage location to show the value of receipts and issues for each material. This transaction uses data from information structures S031 and S034.

<b>MC.7</b>	Storage Location Analysis: Inventory Turnover: Selection
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This transaction is used to show the inventory turnover of valuated stock and the average valuated stock value for storage locations over a given period. It is possible to drill down on each storage location to show the inventory turnover of valuated stock and the average valuated stock for each material. This transaction uses data from information structure S032.

<b>MC.8</b>	Storage Location Analysis: Coverage: Selection
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This transaction is used to display the range of coverage for valuated stock for storage locations. The range of coverage is calculated as the value of the valuated stock divided by the value of the average total daily usage. The report also shows the value of the valuated stock for the storage location selected. This transaction uses data from information structure S032.

<b>MC.9</b>	Material Analysis: Stock: Selection
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This transaction is used to show the valuated stock for materials. The report shows the quantity of valuated stock, the quantity of consignment stock and the value of the valuated stock for each material. The report can be restricted by entering a plant, storage location, MRP Controller, material type or date range. This transaction uses data from information structure S032.

<b>MC.A</b>	Material Analysis: Receipts/ Issues: Selection
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This transaction is used to display the value of receipts and issues for materials. The report shows the value of the receipts, value of issues and number of movements for each material over a given period. The report can be

restricted by using selection criteria including plant, storage location, MRP controller and material type. This transaction uses data from information structures S031 and S034.

<b>MC.B</b>	Material Analysis: Inventory Turnover: Selection
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This transaction is used to show the inventory turnover of valuated stock and the average valuated stock value for materials over a given period. The report can be restricted by using selection criteria including plant, storage location, MRP controller and material type. This transaction uses data from information structure S032.

<b>MC.C</b>	Material Analysis: Range of Coverage: Selection
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This transaction is used to display the range of coverage for valuated stock for materials. The range of coverage is calculated as the value of the valuated stock divided by the value of the average total daily usage. The report also shows the value of the valuated stock for the material selected. This transaction uses data from information structure S032.

<b>MC01</b>	Key Figure Retrieval Using Info Sets
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This transaction is used to find data by searching through info sets. The transaction allows users to click on info sets until they reach the key figure they require, such as net order value or mean delivery time from vendor. Once users have found the correct key figure they can select that line and the appropriate transaction will be displayed that can then be executed.

<b>MC02</b>	Key Figure Retrieval Using Text Strings
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This transaction is used to find data by entering text strings. The transaction allows the

user to enter a number of text strings with AND, OR operands. After the user enters the appropriate text, strings, the transaction will return a key figure list from which the user can choose.

<b>MC03</b>	Key Figure Retrieval Using Classification
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This transaction is used to find data by selecting classification characteristics. After the user enters the required classification characteristics, the transaction will return a key figure list from which the user can choose.

<b>MC04</b>	Create Info Set
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This transaction is used to create a user-defined info set. The user is able to create an info set by selecting one or many key figures, which are values used to evaluate performance. A key figure can be a percentage or value, such as purchase order quantity, lead time, range of coverage, etc.

<b>MC05</b>	Change Info Set
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This transaction is used to change an info set that has been created. Key figures can be deselected from the info set or new key figures can be added.

<b>MC06</b>	Display Info Set
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This transaction is used to display current info sets. The transaction shows the last time the info set was updated and what user last updated the info set.

<b>MC07</b>	Create Key Figure
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This transaction is used to create a new key figure. The new figure requires a description and needs to be assigned to a unique application area, such as Purchasing, Inventory Controlling, Invoice Verification, etc.

<b>MC08</b>	Change Key Figure
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This transaction is used to change an existing key figure. The user can change the description of the key figure and details within the key figure.

<b>MC09</b>	Display Key Figure
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This transaction is used to display the details of an existing key figure.

<b>MC40</b>	Usage-Based ABC Analysis
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This transaction is used to perform usage-based ABC analysis on materials at a single or range of plants. The transaction allows the ABC analysis to be performed at a number of different levels: user-defined percentages, usage as a number, percentage of materials or number of materials per level. The resulting display will show the old and new ABC indicator for each material.

<b>MC41</b>	Requirement-Based ABC Analysis
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This transaction is used to perform requirement-based ABC analysis on materials at a single or range of plants. Similar to transaction MC40, the ABC analysis can be performed at a number of different levels: user-defined percentages, usage as a number, percentage of materials or number of materials per level. The resulting display will show the old and new ABC indicator for each material.

<b>MC42</b>	Key Figure: Range of Coverage Based on Usage Values
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This transaction is used to analyze the range of coverage based on usage. The transaction allows the user to choose to display the range of coverage for sales organizations, purchase organizations or plants. The report can be restricted by a number of criteria, including material, ABC indicator, purchasing group,



and MRP type. The report shows the number of days of coverage for each material based on the selection criteria.

**MC43** Key Figure: Range of Coverage Based on Requirement Values

This transaction is used to analyze the range of coverage based on future requirements. The user can specify the period to be used for the analysis. Similar to transaction MC42, the user can choose to display the range of coverage for sales organizations, purchase organizations or plants. The report shows the number of days of coverage for each material based on the selection criteria.

**MC44** Key Figure: Inventory Turnover

This transaction is used to analyze inventory turnover for sales organizations, purchase organizations or plants. The user can specify the period to be used for the inventory turnover analysis. It is possible to restrict the report to show only materials that have greater than a certain number of turnovers or to show the materials with the highest and lowest turnovers.

**MC45** Key Figure: Usage Value

This transaction is used to analyze the usage value for sales organizations, purchase organizations or plants. The user can specify the period to be used for the usage value analysis. It is possible to restrict the report to show only materials that have a usage value over a specified amount or to show the materials with the highest and lowest usage value.

**MC46** Key Figure: Slow-Moving Items

This transaction is used to analyze slow-moving materials for sales organizations, purchase organizations or plants. The transaction allows the user to enter a number of

days to analyze. The resulting display shows the number of days since any consumption was posted for each material.

**MC47** Key Figure: Requirements Value

This transaction is used to analyze the requirement value for sales organizations, purchase organizations or plants. The requirements value is derived from the requirements quantity and the current price of the material. The transaction allows the user to enter the future period to analyze. The resulting display shows the requirements value for each material by currency and percentage.

**MC48** Key Figure: Stock Value

This transaction is used to analyze the current material stock value for sales organizations, purchase organizations or plants. It is possible to restrict the output by material, material type, ABC indicator and MRP Type. The resulting display shows the current stock value and percentage of stock figure for each material.

**MC49** Key Figure: Average Stock Value

This transaction is used to analyze the material average stock value for sales organizations, purchase organizations or plants. The transaction allows the user to enter a date period for the average stock analysis. It is possible to restrict the output by material, material type, ABC indicator, purchasing group and MRP Type. The resulting display shows the average stock value for the period entered and percentage of stock figure for each material.

**MC50** Key Figure: Dead Stock

This transaction is used to show the dead stock analyzed over a given period. Dead

stock is where the stock level is greater than zero, but no goods issues have been posted in the specified period. This report is useful, as dead stock impacts the company's cash flow and profitability in a negative way. The report shows the value of the dead stock for each material.

#### **MCBA** Plant Analysis

This transaction is used to generate a plant analysis report. This report is part of the Inventory Controlling standard analyses. The report can be restricted by plant, storage location, material or MRP controller. The analysis shows, for each plant, the quantity of goods issues from valuated stock, quantity of goods receipts from valuated stock, the total of planned and unplanned consumption, and the total quantity of valuated stock.

#### **MCBC** Storage Location Analysis

This transaction is used to generate a storage location analysis report. This report is part of the Inventory Controlling standard analyses. The report can be restricted by plant, storage location, material or MRP controller. The analysis shows, for each storage location, the quantity of goods issues from valuated stock, quantity of goods receipts from valuated stock, and the total of planned and unplanned consumption.

#### **MCBE** Material Analysis

This transaction is used to generate a material analysis report. This report is part of the Inventory Controlling standard analyses. The report can be restricted by plant, storage location, material or MRP controller. The analysis shows, for each material, the quantity of goods issues from valuated stock, quantity of goods receipts from valuated stock, and the total of planned and unplanned consumption.

#### **MCBG** MRP Controller Analysis

This transaction is used to generate an MRP controller analysis report. The report can be restricted by plant or MRP controller. The analysis shows, for each MRP controller, the quantity of goods issues from valuated stock, quantity of goods receipts from valuated stock, and the total of planned and unplanned consumption.

#### **MCBI** Business Area Analysis

This transaction is used to generate a business analysis report. The report can be restricted by plant or business area. The analysis shows, for each business area, the quantity of goods issues from valuated stock, quantity of goods receipts from valuated stock, and the total of planned and unplanned consumption.

#### **MCBK** Material Group Analysis

This transaction is used to generate a material group analysis report. The report can be restricted by plant or material group. The analysis shows, for each material group, the quantity of goods issues from valuated stock, quantity of goods receipts from valuated stock, and the total of planned and unplanned consumption.

#### **MCBM** Division Analysis

This transaction is used to generate a division analysis report. The report can be restricted by plant or division. The analysis shows, for each division, the quantity of goods issues from valuated stock, quantity of goods receipts from valuated stock, and the total of planned and unplanned consumption.

#### **MCBO** Material Type Analysis

This transaction is used to generate a material type analysis report. The report can be restricted by plant or material type. The

analysis shows, for each material type, the quantity of goods issues from valuated stock, quantity of goods receipts from valuated stock, and the total of planned and unplanned consumption.

<b>MCBR</b>	Batch Analysis
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This transaction is used to generate a batch analysis report. The report can be restricted by plant, storage location, batch or material. The analysis shows, for each batch, the quantity of goods issues from valuated stock, quantity of goods receipts from valuated stock, and the quantity of valuated stock.

<b>MCBZ</b>	Current Requirements/ Stock Analysis
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This transaction is used to generate a current requirements analysis. The report can be restricted by plant, material, MRP controller and MRP type. The analysis for each plant shows the total stock, which is calculated from valuated stock and consignment stock, total quantity of future goods issues and total future goods receipts.

<b>MCL1</b>	Stock Placements and Removals
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This transaction is used to show stock placements and removals for a given period. The result can be restricted by warehouse, material, plant or period. If the report returns no data, then you should ensure that the Logistics Information System configuration is set so that the updates are activated, using transaction OMO9.

<b>MCL5</b>	Quantity Flows
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This transaction is used to show the quantity of material that is moved through a warehouse over a given period. The result can be restricted by warehouse, material, plant or period. The resulting display shows for

each warehouse, the moved quantity, moved weight, number of movements, the time to convert a transfer requirement to a transfer order and time to confirm a transfer order.

<b>MCL9</b>	Material Stock Placements and Removals
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This transaction is used to show the placements and removals in a warehouse for a given period. The resulting data can be restricted by warehouse, material, plant or period. The report shows the quantity and weight of material placed in the warehouse and the quantity and weight of material removed from the warehouse over a given period.

<b>MCLD</b>	Material Quantity Flows
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This transaction is used to show the quantity of material that flows through a warehouse. The resulting display can be restricted by warehouse, material, movement type and period. The resulting data shows for each warehouse the quantity and weight of material moved, the time to convert a transfer requirement to a transfer order, the time to confirm a transfer order, and the time to convert a delivery note to a transfer order.

<b>MCLH</b>	Movement Types
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This transaction is used to show the movements per movement type for each warehouse. The result of the transaction can be restricted by warehouse, movement type, material and period. The resulting display shows for each movement type in a warehouse; the number of movements, quantity and weight of material moved, and the number of transfer order items with reference to a transfer requirement.

**MCYG** Exception Analysis

This transaction is used to produce reports based on exception analyses. The transaction requires that an exception is entered on which to perform an analysis. The exception is defined using a number of characteristics, such as price or quantity. The exception occurs when one or more of the characteristics exceeds a specified threshold, for example, if a goods issue quantity exceeds 500 or a purchase order value exceeds \$1000.

**MD04** Stock/Requirements List

This transaction is used to produce a requirements list for an individual material or collectively for a plant or MRP area. The individual requirements report for a material requires a plant or MRP area to be entered. The result shows stock and requirements that have been allocated against the material. The collective requirements report shows the materials in a plant or MRP area with their respective stock level, days supply without receipts, first receipt days supply and second receipt days supply.

**M100** Physical Inventory Menu

This transaction is used to access the physical inventory menu. The areas accessible from this menu include the physical inventory documents, inventory counts, inventory differences, and the environment area which includes the physical inventory overview, physical inventory list, stock overview and serial numbers.

**M101** Create Physical Inventory Document

This transaction is used to create a physical inventory document. To create the document, it is necessary to enter a planned count date, a plant number and storage location. The user can indicate that a posting block is to

be in place for the duration of the count or a freeze is to be placed on inventory balance of material not counted. The physical inventory document allows the user to enter a list of material numbers and batch numbers to be counted.

**M102** Change Physical Inventory Document

This transaction code is used to change an existing physical inventory document. It is possible to change the physical inventory document by changing the planned count date or adding further materials to be counted. It is possible to delete a physical inventory document using this transaction.

**M103** Display Physical Inventory Document

This transaction code is used to display an existing physical inventory document. It is possible to review the materials that are to be counted and the date on which the count is to occur. Using this transaction, it is also possible to display the history of the physical inventory document, including the current status of the document.

**M104** Enter Inventory Count

This transaction is used to enter a count for a physical inventory document. The transaction requires a valid physical inventory document number and count date to be entered. The user can then enter a quantity value for each of the materials in the physical count document.

**M105** Change Inventory Count

This transaction is used to change the values for a count that has been entered in a physical inventory document. A valid physical inventory document is required and a variance percentage can be entered on the

initial screen. The variance is entered if the user will allow a percentage variation between the count and the book inventory. The user can change the count total for the materials entered in the physical inventory document.

#### **MI06** Display Inventory Count

This transaction code is used to display an existing physical inventory count. It is possible to review the materials that have been counted. Using this transaction, it is also possible to display the history of the items in the physical inventory document, including the count date, count quantity, book quantity, book value, difference and who entered the count.

#### **MI07** Post Inventory Difference

This transaction is used to post an inventory count where there is a difference between the count and the book quantity. The transaction shows the user the quantity that is the difference between the count and the book quantity. If the user decides to post the count despite the variance, the user can enter a reason code if any have been configured.

#### **MI08** Post Count and Difference

This transaction is used to enter a count for a physical inventory document and post the difference in one step. The count quantity and reason code for any difference, if required, can be entered for each line item of the physical inventory document. A reason code can be entered only if it has previously been configured. If a difference is posted a material document is created showing the addition or subtraction from stock.

#### **MI09** Enter Count Without Reference to Document

This transaction is used to enter a physical inventory count without using a physical inventory document. The count date, plant and storage location are mandatory selections, but the user can also enter a special stock indicator and the acceptable variance percentage. The material number, batch number (if appropriate), count quantity and unit of measure are required for each line item entered into this transaction. Subsequent to posting, the transaction will display the generated physical inventory document number.

#### **MI10** Post Document, Count and Difference

This transaction is used to enter a physical inventory count without using a physical inventory document and then post the count value. The count date, plant and storage location are mandatory selections, but the user can also enter a special stock indicator and the acceptable variance percentage. The material number, batch number (if appropriate), count quantity and unit of measure are required for each line item entered. Subsequent to posting, the transaction will display the generated physical inventory document number and a material document number if a change in stock levels occurred.

#### **MI11** Create Recount Document

This transaction is used to create a recount document for a physical inventory count that has already been entered. To create the recount document, the user has to enter the original physical inventory document and the planned date for the recount. The transaction allows the user to review the details of the original document and by executing the transaction a recount document is generated.

<b>MI12</b>	Display Changes to Physical Inventory Documents
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This transaction is used to display the changes that have occurred with a single or range of physical inventory documents. The transaction will display the changes made to physical inventory documents such as change document number, date and time of the change and the transaction in which the change was made.

<b>MI20</b>	List of Inventory Differences
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This transaction is used to display a list of physical inventory documents that were posted with differences. The transaction allows the user to restrict the result by material, plant, physical inventory document range, fiscal year, count date, and reason code. The resulting display shows, for each physical inventory document, the material, the book quantity, count quantity, difference, and the value of the difference.

<b>MI21</b>	Print Physical Inventory Document
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This transaction is used to print physical inventory documents that have been created. The transaction allows the user to restrict the number of documents to be printed by entering a single or range of physical inventory documents, plant, storage location, and planned count date.

<b>MI22</b>	Display Physical Inventory Documents for Material
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This transaction is used for finding and displaying physical inventory documents that have been created for a single or range of materials. The user can restrict the resulting display by selecting a plant, storage location, batch, count date and posting period. The resulting display shows the relevant physical inventory documents per material, the

posting period, count date, and whether the document is still active.

<b>MI23</b>	Display Physical Inventory Data for Material
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This transaction is used for finding and displaying physical inventory data associated with a single or range of materials. The user can restrict the resulting display by selecting a plant, storage location, batch, and date of last physical inventory. The resulting display shows the data associated with each material including the storage location, current stock and whether a physical inventory has been carried out in the current period.

<b>MI24</b>	Physical Inventory List
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This transaction is used for displaying the physical inventory documents for the selection criteria entered. The user can restrict the physical inventory documents displayed by entering a single or range of materials, plant, storage location, batch, count date, and reason code. The resulting display shows a list of relevant physical inventory documents, item number and the status of the physical inventory item, e.g., counted or adjusted.

<b>MI31</b>	Create Physical Inventory Documents in Batch
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This transaction allows users to create physical inventory documents with a batch input. The user can enter a single or range of materials, plant, material type or material group. It is possible to create a batch input or create the physical inventory documents directly.

<b>MI32</b>	Batch Input – Block Material for Physical Inventory
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This transaction allows the user to block material for physical inventory by batch input. The selection criteria allows the user to enter a single or range of physical inventory

documents, plant, storage location, planned count date and fiscal year. After executing the transaction, it will return with the physical inventory documents that can be blocked.

<b>MI33</b>	Batch Input – Freeze Book Inventory Balance for Physical Inventory
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This transaction is used to freeze the book inventory balance for physical inventory documents. The user can restrict this by a single or range of physical inventory documents, plant, and planned count date. The transaction will not allow the freezing of book inventory at a storage location level unless the system is configured to allow it. The configuration to allow this to occur at the storage location is found in transaction OMBP.

<b>MI34</b>	Batch Input – Enter Count with Reference to Document
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This transaction is used for entering physical inventory counts in batch mode. This method requires a file to be created for the batch input and is useful if the inventory count is performed outside of SAP, for example by using RF technology.

<b>MI35</b>	Batch Input – Post Zero Count for Uncounted Materials
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This transaction is used to post a zero count for uncounted materials using a batch input. There is no mandatory selection, but a number of fields can be used to restrict the selection such as plant, planned count date, physical inventory document number and fiscal year. After executing the transaction a display will appear that shows the inventory documents that are relevant for posting.

<b>MI37</b>	Batch Input – Post Differences
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This transaction is used to post inventory differences in batch. There is no mandatory selection, but a number of fields can be used to restrict the selection such as plant, planned count date, physical inventory document number and fiscal year.

<b>MI38</b>	Batch Input – Enter Count With Reference to Document
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This transaction is used to enter inventory counts with reference to physical inventory documents in batch. This transaction generates a batch input session that enters the count results when the user processes the batch session.

<b>MI39</b>	Batch Input – Enter Count Without Reference to Document
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This transaction is used to enter inventory counts without reference to physical inventory documents in batch. This transaction generates a batch input session that enters the count results when the user processes the batch session.

<b>MI40</b>	Batch Input – Enter Count Without Reference to Document Post Differences
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This transaction is used to enter inventory counts and post any differences without reference to physical inventory documents in batch. This transaction generates a batch input session that enters the count results and posts inventory differences when the user processes the batch session.

<b>MIBC</b>	ABC Analysis for Cycle Counting
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This transaction is used to perform an ABC analysis for materials at a given plant. The

user is required to enter a plant for the analysis and can select from a number of criteria, such as material type and date range for consumption. The resulting analysis displays the old and new ABC indicator, total value and total stock for each material.

<b>MICN</b>	Batch Input: Create Physical Inventory Documents For Cycle Counting
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This transaction is used to post physical inventory documents for cycle counting using a batch input. There is no mandatory selection, but a number of fields can be used to restrict the selection such as material, plant, planned count date, batch and material type. After executing the transaction, a display will appear that shows the materials that are relevant for posting.

<b>MIDO</b>	Display Physical Inventory Overview
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This transaction is used to display for each company code the status of the physical inventory for available materials. The transaction requires a company code to be entered, but the report can be further restricted by entering a plant, storage location, material type or material group.

<b>MIGO</b>	Goods Receipt for a Purchase Order
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This transaction is used to perform a goods receipt for a purchase order and other goods receipts. This transaction can be used instead of other goods receipt transactions such as MB01 and MB0A. The goods receipt can be performed for a number of documents, including inbound deliveries, material documents and orders.

<b>MIGO_ GI</b>	Goods Movement
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This transaction is used to perform a goods issue. It is possible to use this transaction for a goods issue to an order, purchase order and a reservation. The material in a goods issue is consumed and a reduction in stock level is performed. For example, the material consumption can be against a cost center, sales order, sample or scrap. This transaction can be used instead of MB1A.

<b>MIGO_ GS</b>	Subsequent Adjustment
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This transaction is used for a subsequent adjustment with reference to a subcontracting purchase order. If material is sent to a subcontractor to perform an external operation and the vendor requires additional material due to damaged items, this transaction is used to adjust the quality. This transaction can be used instead of MB04.

<b>MIK1</b>	Selected Data for Physical Inventory Documents – Vendor Consignment
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This transaction is used to create physical inventory documents in batch for vendor consignment stock. The user can restrict the selection by vendor, material, plant, material type and planned count date. The transaction will check each relevant material to make sure it has not been counted in the current period. If not, the material will be added to the batch file for processing.

<b>MIQ1</b>	Selected Data for Physical Inventory Documents for Project
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This transaction is used to create physical inventory documents in batch for project stock. The user can restrict the selection by WBS element, material, plant, material type



and planned count date. The transaction will check each relevant material to make sure it has not been counted in the current period. If not, the material will be added to the batch file for processing.

<b>MMBE</b>	Stock Overview
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This transaction is used to view stock at different organizational levels: company code, plant, storage location and batch level. The material number is mandatory for this transaction. The user can choose to restrict the resulting display by entering a plant, storage location or batch number. On the selection screen, the user has the ability to hide levels from the final display.

<b>MR51</b>	Accounting Documents for Material
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This transaction allows the user to display all the accounting documents for a specific material. The results can be restricted by entering a company code, valuation area, posting date or document type. The resulting display shows the document type, accounting document number, posting date, quantity of material posted and the value of the posted material.