



**Job Aid**

# **Equipment Mass Change**



## Equipment Mass Change Overview

This job aid describes how to use the Equipment Mass Change utility. This utility will reduce the effort involved to make sure the necessary changes are reflected in the equipment records by applying the changes in mass rather than on a one-by-one case. Mass change of equipment occurs during Write-off, Transfer, Assignment, Mass Maintenance, Physical Verification in which cases this utility can be leveraged.



## Enterprise Roles & Responsibilities

The roles involved in this procedure are listed below:

Enterprise Roles	System Activities	Non-system Activities
<b>SD10: Equipment Master Data Maintainer</b>	Use SAP t-codes to: <ul style="list-style-type: none"> <li>• Create the equipment Data creation,</li> <li>• Change, and update, the equipment data record</li> </ul>	<ul style="list-style-type: none"> <li>• Gathers information to validate documentation.</li> <li>• Liaise with Equipment Administrator in the cannibalization of equipment process and Master Data</li> </ul>
<b>SD11: Equipment Master Data Maintainer – Local</b>	Use SAP t-codes to: Update the equipment record within the authorization group.	<ul style="list-style-type: none"> <li>• Liaise with the equipment requestor, update the Master Data Maintainer.</li> <li>• Participate in the reconciliation of equipment within the physical verification</li> </ul>
<b>SD17: PADP Approver</b>	Use SAP t codes to: <ul style="list-style-type: none"> <li>• Update the equipment record for PADP Approval</li> </ul>	<ul style="list-style-type: none"> <li>• Liaise with the Equipment Master Data maintainer for PADP Planning &amp; Approval</li> </ul>

# Job Aid: Equipment Mass Change



## Purpose

This Equipment mass change tool serves the following business needs:

### ✓ Equipment Master Data Updates

Equipment master data must be accurately maintained, the need to reflect changes to the Equipment Master may arise from a number of business processes through its lifecycle;

- Equipment receipt into inventory (eg update of warranty data, attachment of specification sheets)
- Equipment issued from inventory; update of functional location, authorisation Group, user assignment, cost centre.
- Physical Verification; equipment found/located within a department
- Equipment Transfer; between users in a department or interdepartmental/inter business area.
- Disposal; equipment to be updated and “retired” as part of the disposal process.
- PADP & Surplus; this information mandated by Financial Regulations and DFS Liquidation Manual to be updated in the equipment record.
- Global Insurance Category for Insurance Reporting purpose.
- Performance tracking characteristics: Updating the performance characteristics (km and hrs.) for an equipment in the form of measuring points (counter).

### ✓ Measurement Document Upload

Mass upload of Equipment usage data in the form of measurement documents. These readings in turn trigger maintenance activities on the equipment.

Use this procedure to update the equipment records, applying the changes in mass rather than on a one-by-one case.

## Trigger

This procedure is applied in the following scenarios

When there is a need to facilitate the maintenance of Equipment Master Data needed as a result of changes caused by any and/or all of the following:

- I. Enrichment or removal of equipment parameters
  - II. Equipment installation/dismantling at a functional location
  - III. Enrichment or removal of equipment parameters as a result of sale, write-off or disposal
  - IV. Equipment assignment to an equipment owner (Business Partner)
  - V. Changes in equipment user status
  - VI. Enrichment of equipment master to add performance tracking characteristics in the form of measuring points.
- ✓ Or When the Equipment Usage readings (km or hrs.) are to be uploaded in the form of measurement documents.



## Important

## Job Aid: Equipment Mass Change

Equipment Master Data that require the changes must **EXIST** in the Umoja system prior to processing.

The ability to utilize the mass change transaction is role dependent. Only users assigned to **SD10, SD11 and SD17** will be able to effect changes as mentioned below.

<u>Role</u>	<u>Changes Possible</u>
SD10 & SD11	(I) Equipment Mass Updates (except PADP approval) (II) Measuring point creation / updates (III) Measurement Document upload
SD17	(I) Equipment Mass Updates related to PADP data only

User will be required to **manually** prepare the input file(s) for both the functionalities:

(I) Equipment master data change and/or Measuring Point creation/change

(II) Measurement Document Data

Instructions on the input file preparation are specified below

### I. Equipment Master Data Change and/or Measuring Point Creation/Change



#### Tips

The input file preparation can be supported via Umoja standard report (i.e. IE05) for SD10 and SD11 roles while **SD17 role** can leverage the report IH08. Both the reports provide all required fields for the load file, except the partner information (“Partner Function”, “Partner”) and the measuring point information (“Unit of Measure - UoM”, “Annual Estimate”)



### Manual Creation of the Input File (Part I)

#### Menu Path

Use the following menu path to create the load template by downloading data from the transaction:

**Logistics > Plant Maintenance > Maintenance of Technical Objects > Equipment > List Editing > Change**

**Transaction Code: IE05/IH08**



#### Step-by-Step Instructions

1. Enter **IE05/IH08** in the **Command** field and click the **Enter** icon

## Job Aid: Equipment Mass Change

2. Enter the list of equipment records to be updated. This can either be via manual selection or by cut/paste from excel.
3. The equipment number **must** exist in the system.

Program Edit Goto System Help

Change Equipment: Equipment Selection

Equipment Selection

Equipment

Equipment descrip<sup>n</sup>  to

Material  to

Serial Number  to

Partner

Selection Profile   ✖

Classification

Class Type   Include Subordinate Classes

Class   ✖

General Data

Technical obj. type  to

Equipment category  to

AuthorizGroup  to

Inventory number  to

Size/dimension  to

Weight of object  to

Unit of weight  to

Vendor  to

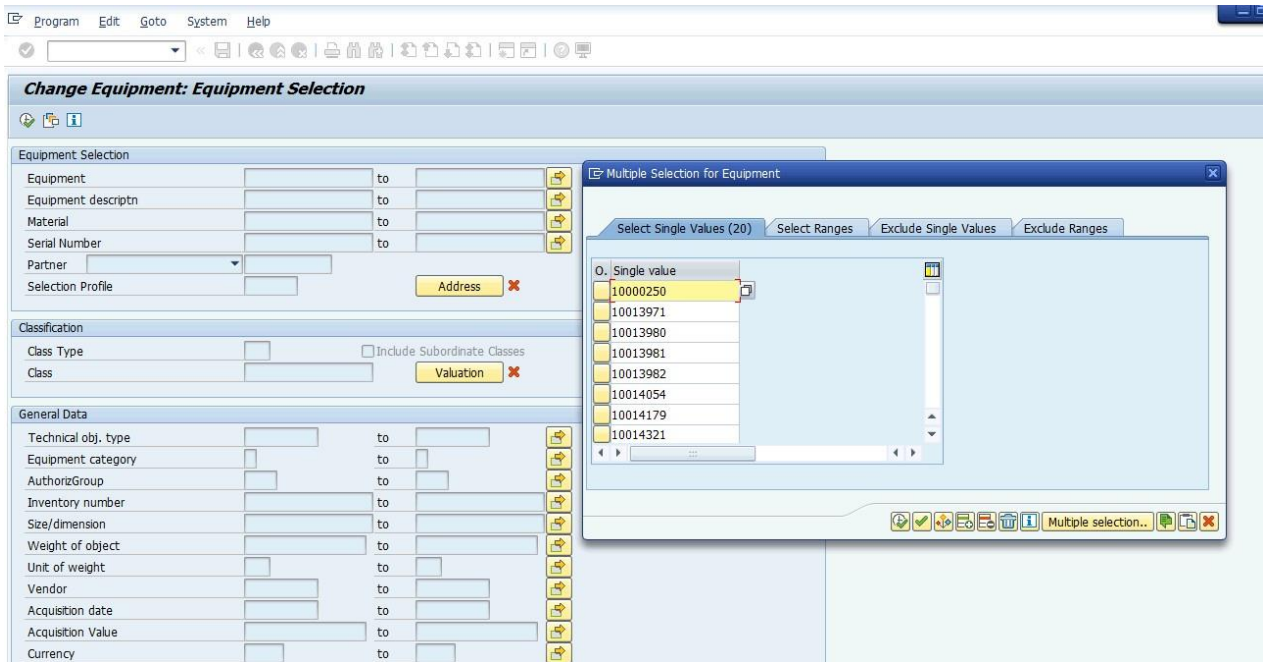
Acquisition date  to

Acquisition Value  to

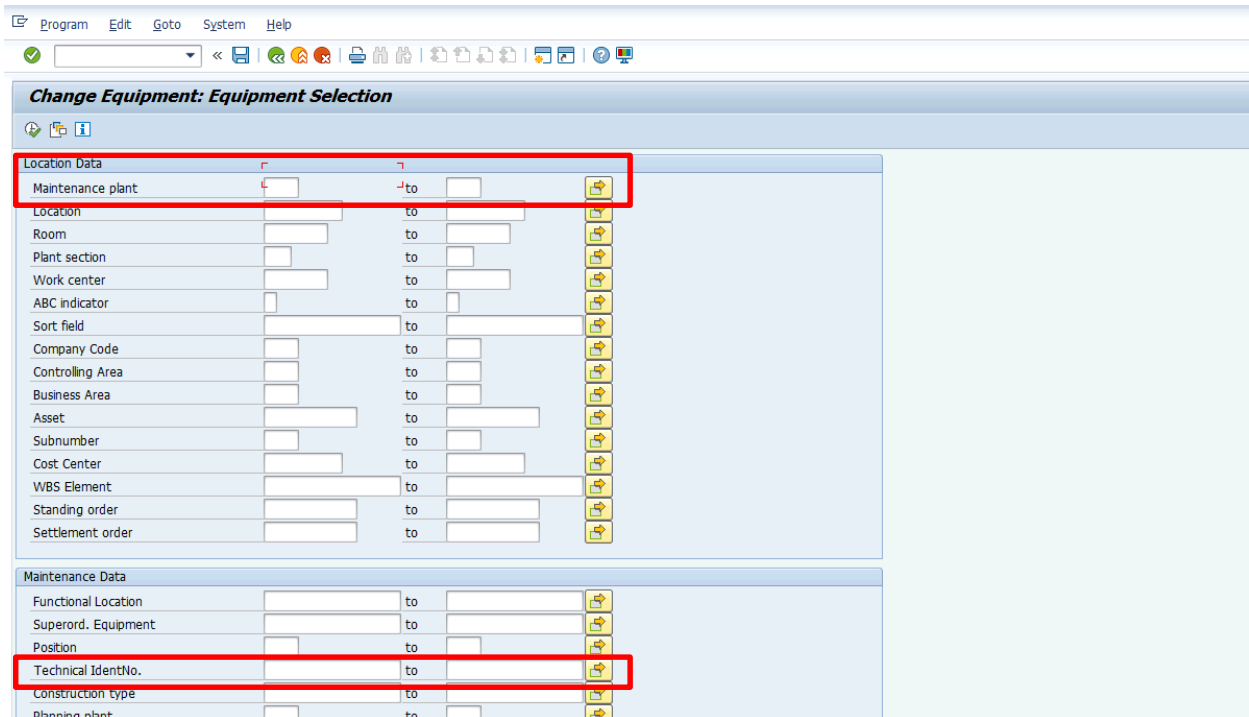
Currency  to

Manufacturer  to

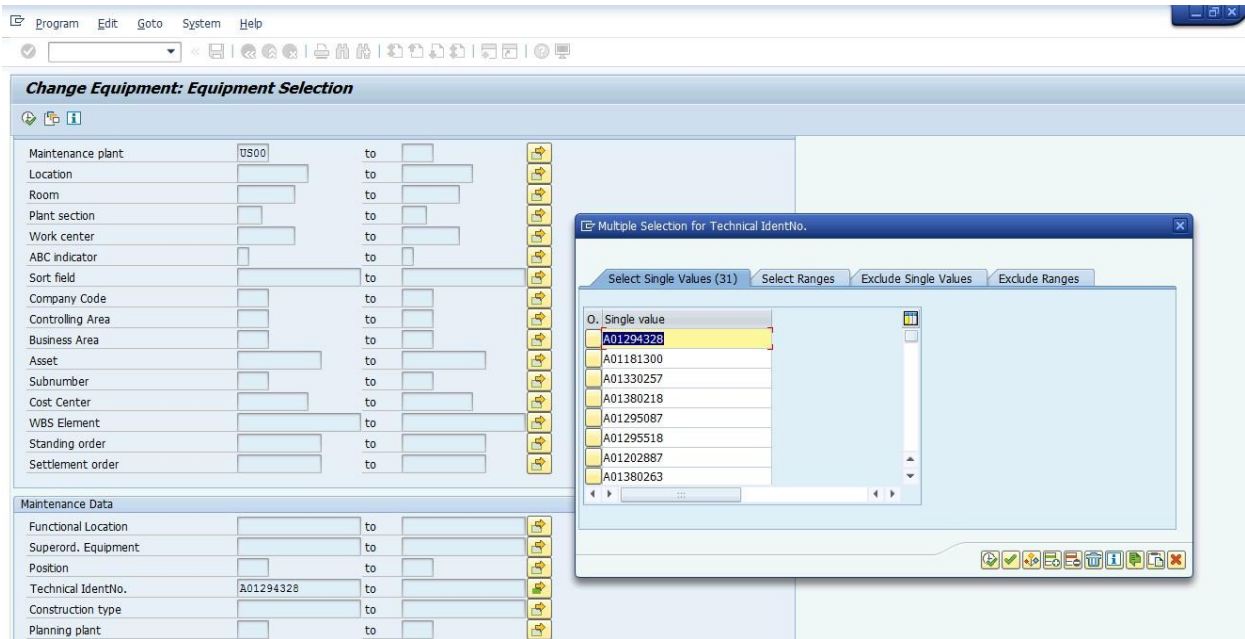
# Job Aid: Equipment Mass Change



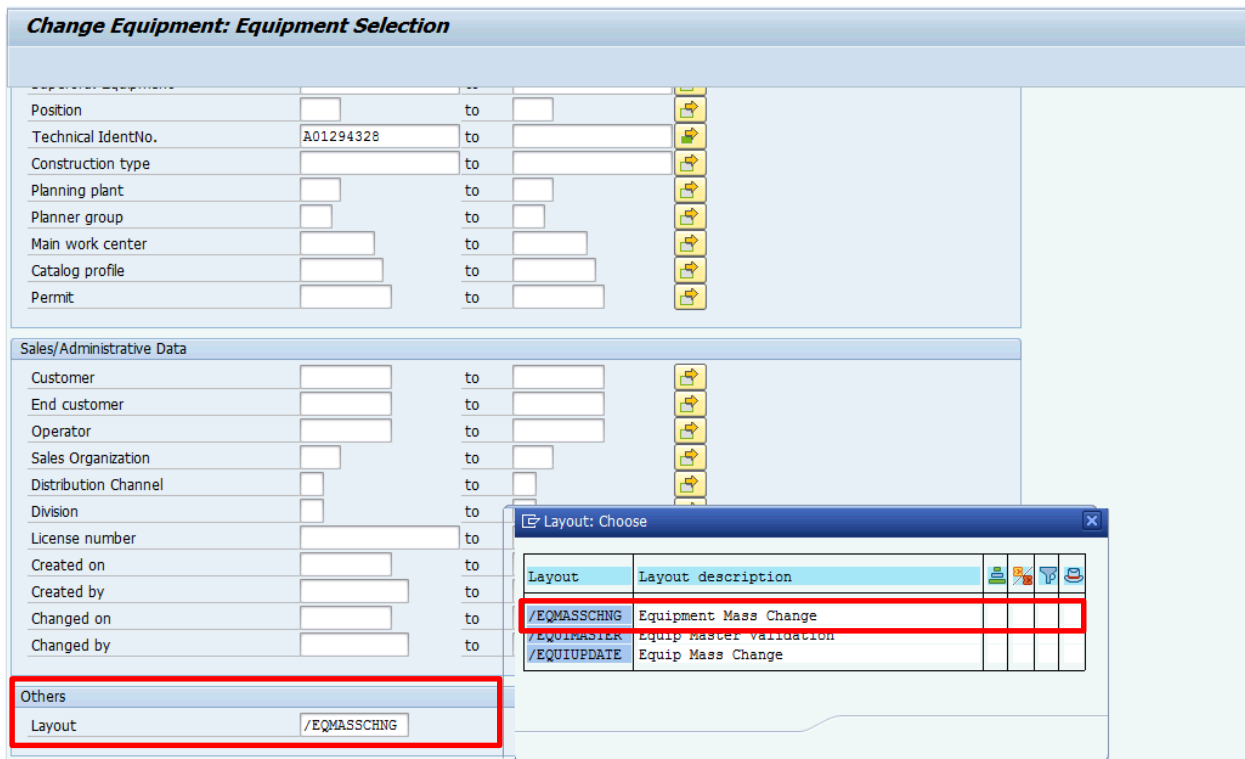
- Alternatively, if other parameters of the Equipment Master are known, enter the field **Maintenance plant** in the equipment master under Location Data and **TechIdentNo.** under the Maintenance data.



# Job Aid: Equipment Mass Change

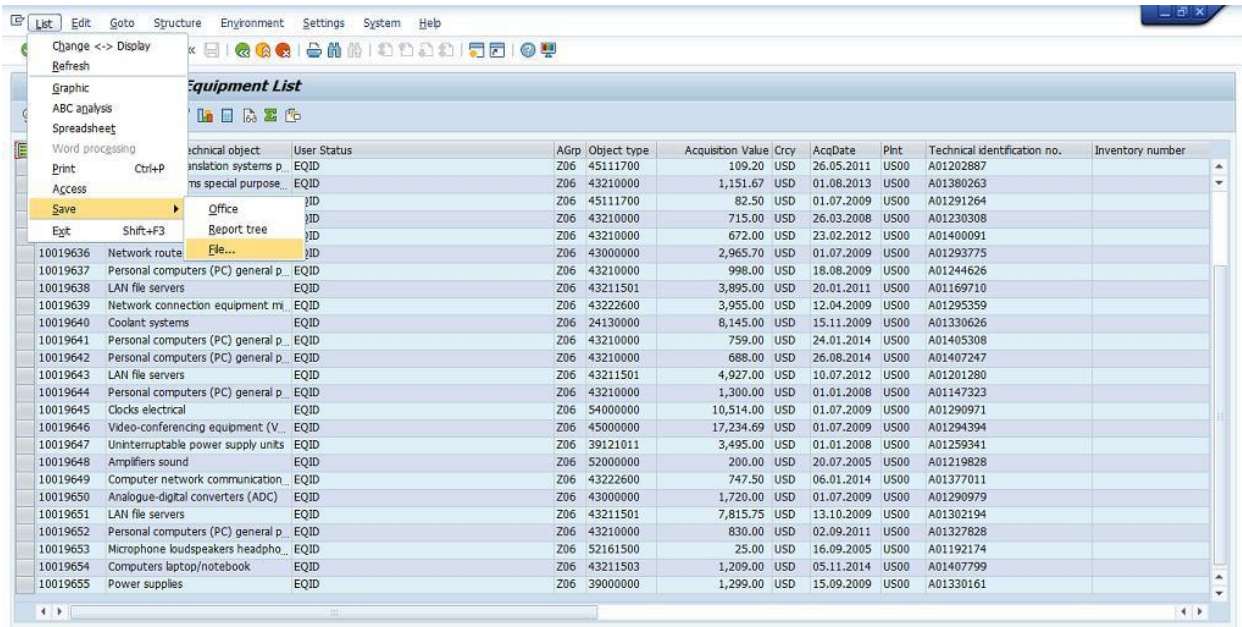


5. Leverage the report layout /EQMASSCHNG and click the Execute icon 



## Job Aid: Equipment Mass Change

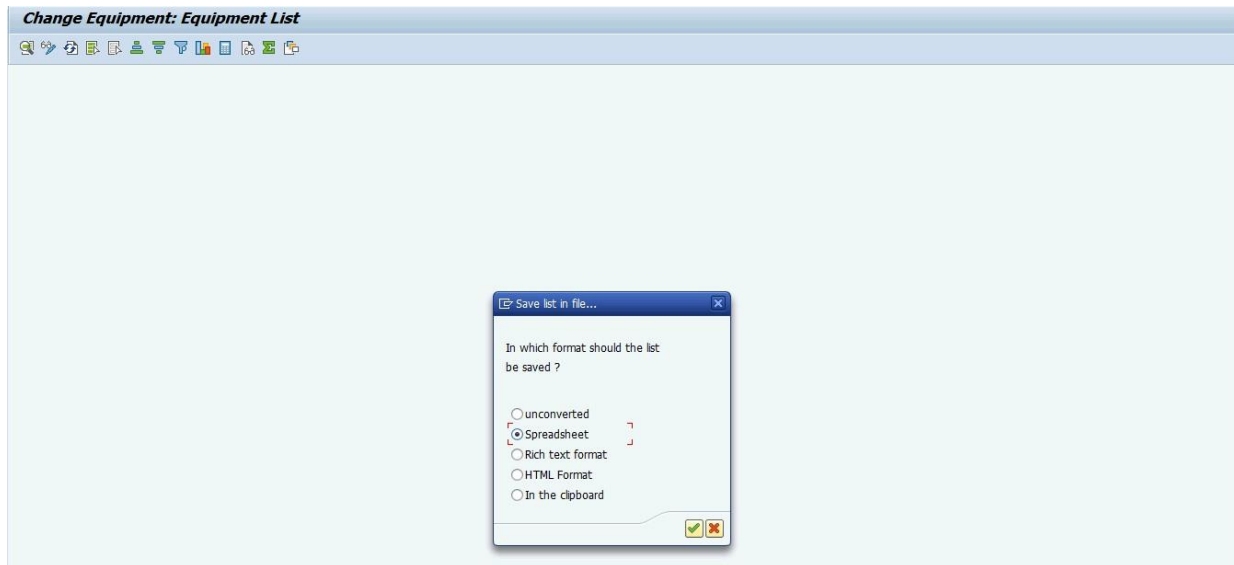
6. Create input load file by downloading data from IE05 transaction by going to **List > Save > File**



The screenshot shows the SAP 'Equipment List' window. The 'List' menu is open, and the 'Save' option is highlighted. The 'Save' submenu is also open, showing options like 'Office', 'Report tree', and 'File...'. The main table displays a list of equipment items with columns for technical object, user status, acquisition value, currency, acquisition date, plant, technical identification number, and inventory number.

Technical object	User Status	AGrp	Object type	Acquisition Value	Crcy	AcqDate	Plant	Technical identification no.	Inventory number
10019636	Network route	EQID	Z06 45111700	109.20 USD	26.05.2011	US00		A01202887	
10019637	Translation systems p...	EQID	Z06 43210000	1,151.67 USD	01.08.2013	US00		A01380263	
10019638	LAN file servers	EQID	Z06 45111700	82.50 USD	01.07.2009	US00		A01291264	
10019639	Network connection equipment mi...	EQID	Z06 43210000	715.00 USD	26.03.2008	US00		A01230308	
10019640	Coolant systems	EQID	Z06 43210000	672.00 USD	23.02.2012	US00		A01400091	
10019641	Personal computers (PC) general p...	EQID	Z06 43000000	2,965.70 USD	01.07.2009	US00		A01293775	
10019642	Personal computers (PC) general p...	EQID	Z06 43210000	998.00 USD	18.08.2009	US00		A01244626	
10019643	LAN file servers	EQID	Z06 43211501	3,895.00 USD	20.01.2011	US00		A01169710	
10019644	Personal computers (PC) general p...	EQID	Z06 43222600	3,955.00 USD	12.04.2009	US00		A01295359	
10019645	Clocks electrical	EQID	Z06 24130000	8,145.00 USD	15.11.2009	US00		A01330626	
10019646	Video-conferencing equipment (V...	EQID	Z06 43210000	759.00 USD	24.01.2014	US00		A01405308	
10019647	Uninterruptable power supply units	EQID	Z06 43210000	688.00 USD	26.08.2014	US00		A01407247	
10019648	Amplifiers sound	EQID	Z06 43211501	4,927.00 USD	10.07.2012	US00		A01201280	
10019649	Computer network communication...	EQID	Z06 43210000	1,300.00 USD	01.01.2008	US00		A01147323	
10019650	Analogue-digital converters (ADC)	EQID	Z06 54000000	10,514.00 USD	01.07.2009	US00		A01290971	
10019651	LAN file servers	EQID	Z06 45000000	17,234.69 USD	01.07.2009	US00		A01294394	
10019652	Personal computers (PC) general p...	EQID	Z06 39121011	3,495.00 USD	01.01.2008	US00		A01259341	
10019653	Microphone loudspeakers headpho...	EQID	Z06 52000000	200.00 USD	20.07.2005	US00		A01219828	
10019654	Computers laptop/notebook	EQID	Z06 43222600	747.50 USD	06.01.2014	US00		A01377011	
10019655	Power supplies	EQID	Z06 43000000	1,720.00 USD	01.07.2009	US00		A01290979	
			Z06 43211501	7,815.75 USD	13.10.2009	US00		A01302194	
			Z06 43210000	830.00 USD	02.09.2011	US00		A01327828	
			Z06 52161500	25.00 USD	16.09.2005	US00		A01192174	
			Z06 43211503	1,209.00 USD	05.11.2014	US00		A01407799	
			Z06 39000000	1,299.00 USD	15.09.2009	US00		A01330161	

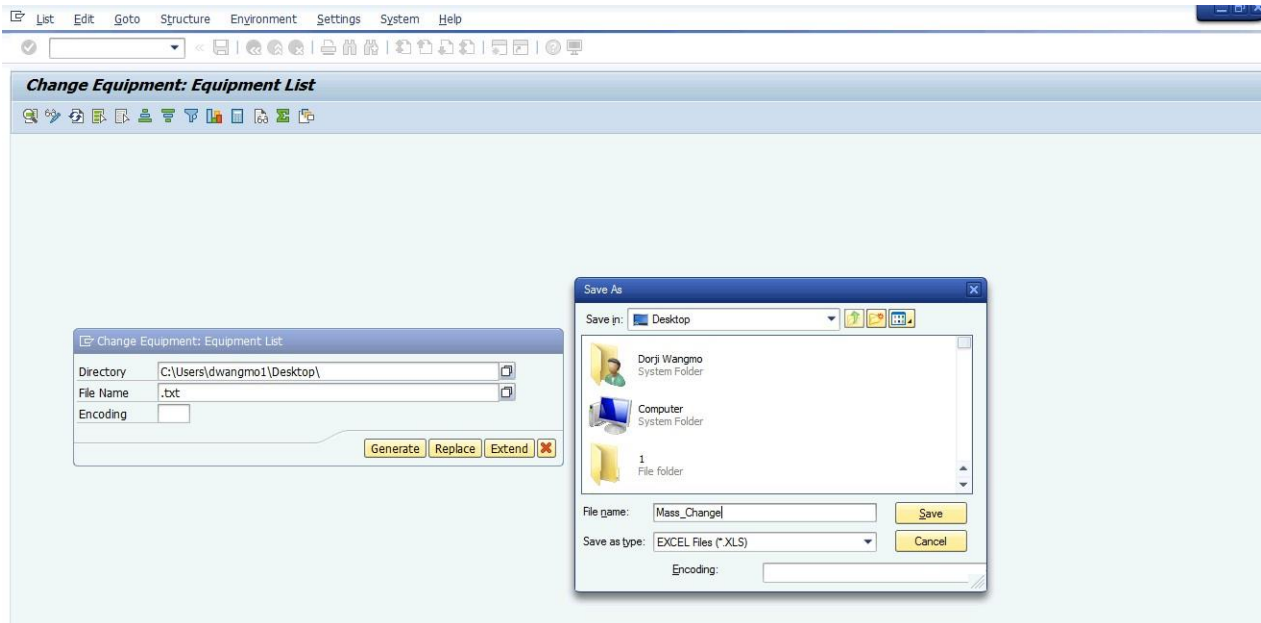
7. Select the Spreadsheet format



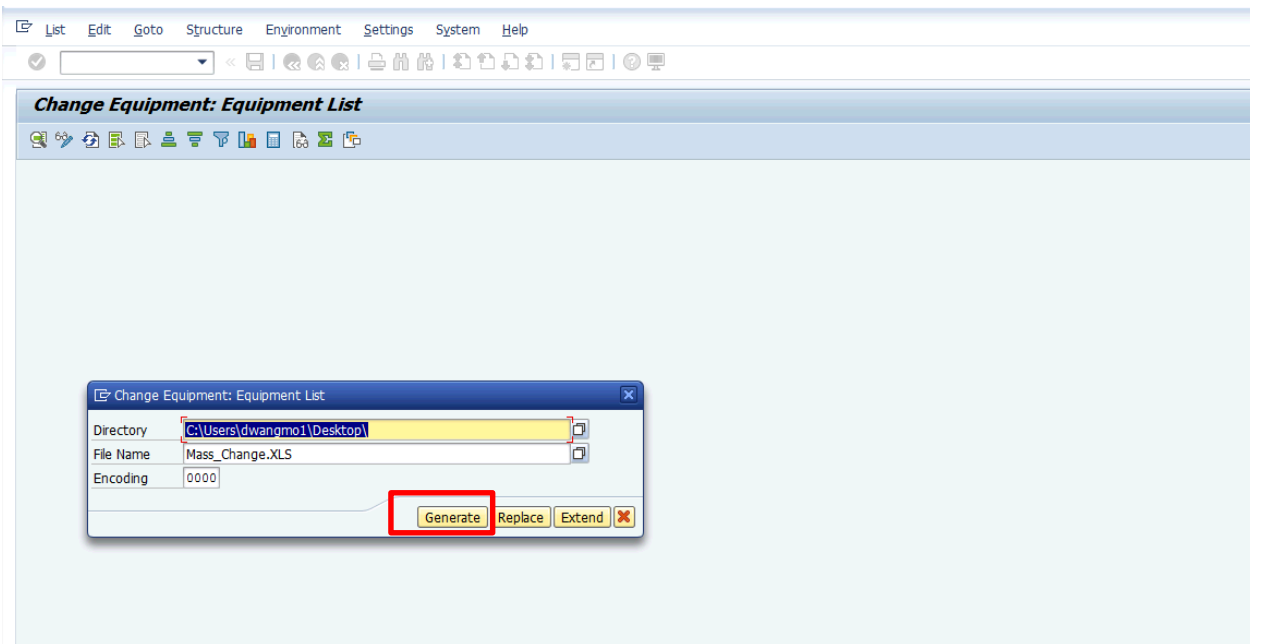


# Job Aid: Equipment Mass Change

## 8. Specify the location where the file can be saved on the local device

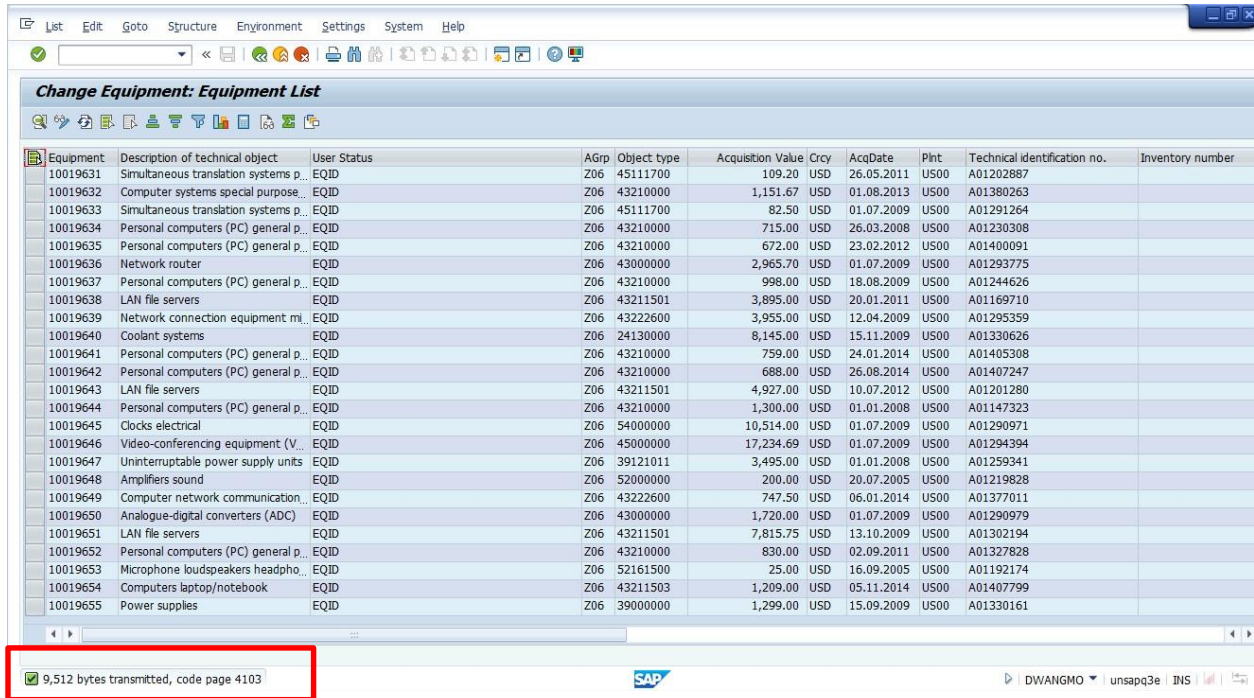


## 9. Click the Generate button to create the report

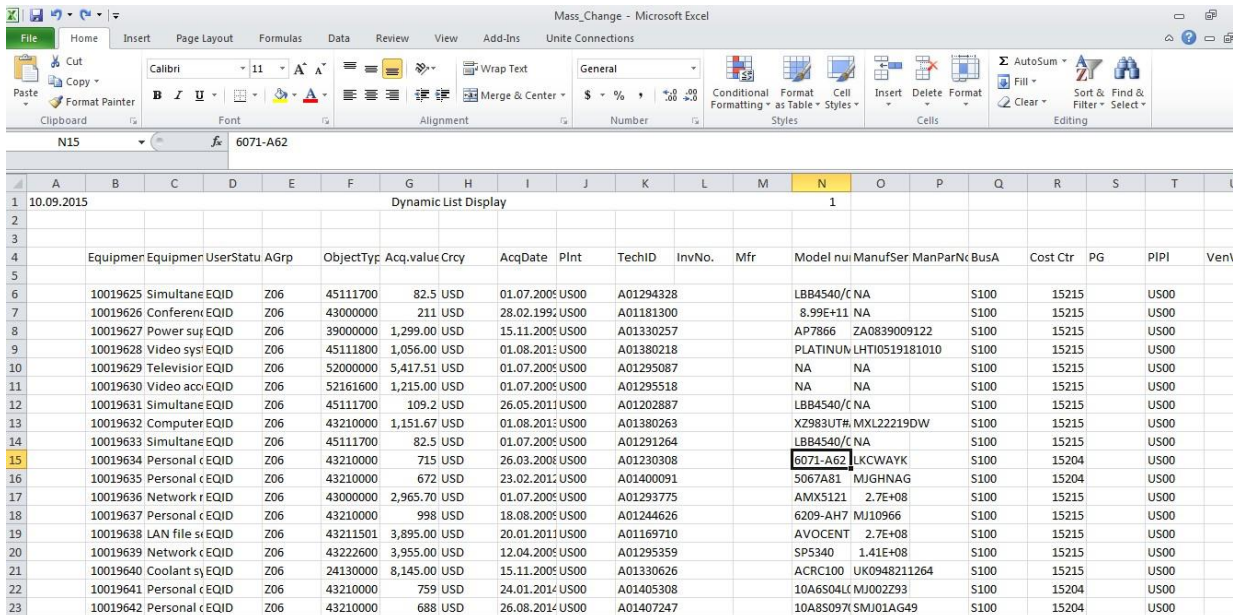


# Job Aid: Equipment Mass Change

10. A message is displayed in the status bar indicating that the data has been transmitted and downloaded to the User's local device



11. Open the downloaded file to extract the equipment master data. The file will look like this:



## Job Aid: Equipment Mass Change



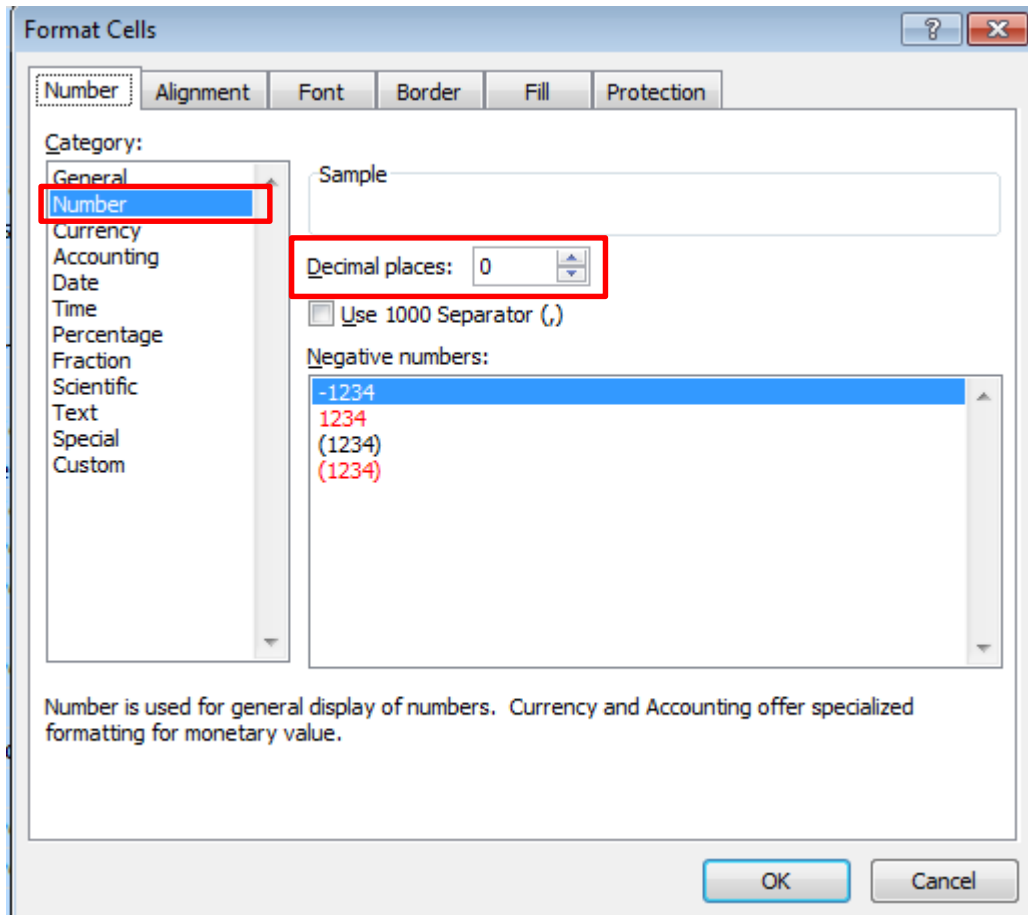
### Tips

Click where the row and column headers meet, this will select the entire sheet

	A	B
1	16.09.2015	
2		
3		

Click here first

Then right-click and select format the cells. Under the category select Number and enter '0' in the decimal places. This is done so all the values for the extracted data do not get truncated by MS Excel.



12. Copy all the data from the Equipment column (Column B) to the Functional Location column (Column Z)



### Important

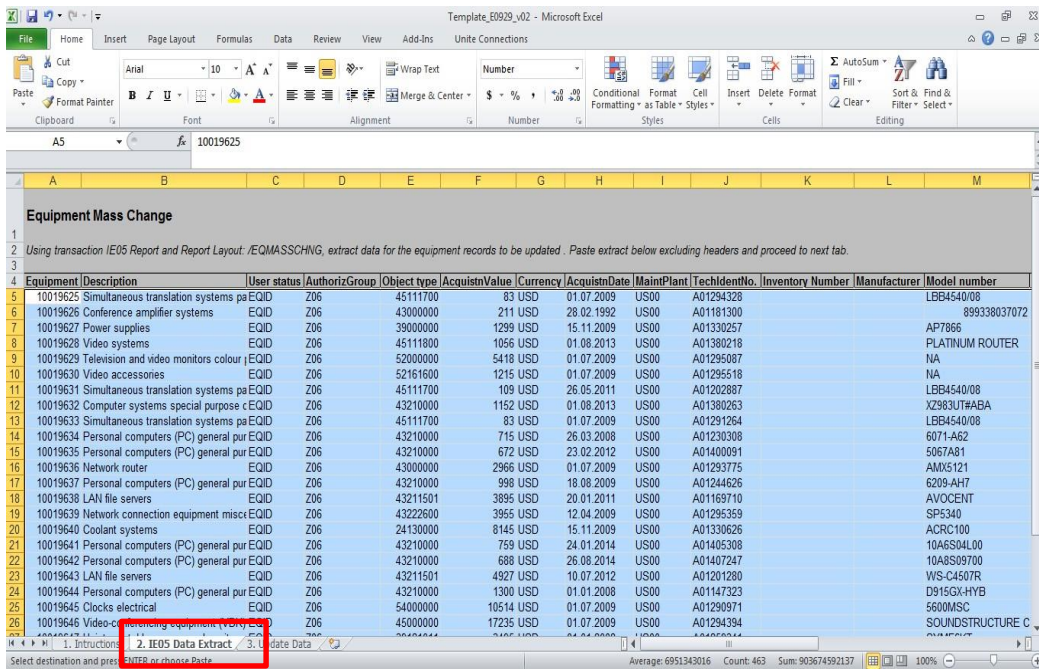
**Do not copy the Headers**

# Job Aid: Equipment Mass Change

Equipment	Equipment descrptn	UserStatus	AGrp	ObjectType	Acq.value	Crcy	AcqDate	Plnt	TechID	InvNo.	Mfr	Model number	ManufSerialNo.	ManParNo	BusA
10019636	Network router	EQID	Z06	43000000	2966 USD	01.07.2009	US00	A01293775				AMX5121	270160285		\$100
10019637	Personal computers (PC) general purpose	EQID	Z06	43210000	998 USD	18.08.2009	US00	A01244626				6209-AH7	MJ10966		\$100
10019638	LAN file servers	EQID	Z06	43211501	3895 USD	20.01.2011	US00	A01169710				AVOCENT	270198522		\$100
10019639	Network connection equipment miscellaneo	EQID	Z06	43222600	3955 USD	12.04.2009	US00	A01295359				SP5340	140725103		\$100
10019640	Coolant systems	EQID	Z06	24130000	8145 USD	15.11.2009	US00	A01330626				ACRC100	UK0948211264		\$100
10019641	Personal computers (PC) general purpose	EQID	Z06	43210000	759 USD	24.01.2014	US00	A01405308				10A6S04L00	MJ002Z93		\$100
10019642	Personal computers (PC) general purpose	EQID	Z06	43210000	688 USD	26.08.2014	US00	A01407247				10A8S09700	SMJ01A649		\$100
10019643	LAN file servers	EQID	Z06	43211501	4927 USD	10.07.2012	US00	A01201280				WS-C4507R	FOX080503Z4		\$100
10019644	Personal computers (PC) general purpose	EQID	Z06	43210000	1300 USD	01.01.2008	US00	A01147323				D915GX-HYB	3989881-0001		\$100
10019645	Clocks electrical	EQID	Z06	54000000	10514 USD	01.07.2009	US00	A01290971				5600MSC	1981300053		\$100
10019646	Video-conferencing equipment (VDK) netwo	EQID	Z06	45000000	17235 USD	01.07.2009	US00	A01294394				SOUNDSTRUCTURE C12	0004F2BF1228		\$100
10019647	Uninterruptable power supply units	EQID	Z06	39121011	3495 USD	01.01.2008	US00	A01259341				SYMF6KT	JD0604005876		\$100
10019648	Amplifiers sound	EQID	Z06	52000000	200 USD	20.07.2005	US00	A01219828				ADA760	NA		\$100
10019649	Computer network communication equipment	EQID	Z06	43222600	748 USD	06.01.2014	US00	A01377011				AIR-CAP3702I-A-K9			\$100
10019650	Analogue-digital converters (ADC)	EQID	Z06	43000000	1720 USD	01.07.2009	US00	A01290979				CS-2105	N/A		\$100
10019651	LAN file servers	EQID	Z06	43211501	7816 USD	13.10.2009	US00	A01302194				T20Z104A-08G A2G	0939NND023		\$100
10019652	Personal computers (PC) general purpose	EQID	Z06	43210000	83 USD	02.09.2011	US00	A01327828				7034AQ4	MJAPANET		\$100
10019653	Microphone loudspeakers headphones earph	EQID	Z06	52161500	25 USD	16.09.2005	US00	A01192174				TS901	13712		\$100
10019654	Computers laptop/notebook	EQID	Z06	43211503	1209 USD	05.11.2014	US00	A01407799				20AMS0UG00			\$100
10019655	Power supplies	EQID	Z06	39000000	1299 USD	15.09.2009	US00	A01330161				AP7866	ZA0839008926		\$100

13. Paste Data Extract into the template (file name: Template\_E0929\_v02.xlsm). The template can be downloaded from the Job Aids page on iSeek or Unite Connections :  
Equipment Mass Change Data Template

14. Paste Data from Report Extract, excluding headers, to "2. IE05 Data Extract" tab in the spreadsheet mentioned above:



## Job Aid: Equipment Mass Change

15. Review data pasted in "2. IE05 Data Extract" validate that the format of data corresponds to the extract.



### Making changes to data to support Equipment Mass Change Utility (Part II)

Use the following instructions to review, change and perform the Equipment Mass Change



#### Important Tips

- a. Go to the "3. Update Data" tab in the template file, if more than 1000 records have to be updated drag formulas down additional rows until all equipment numbers from the "IE05 Data Extract" tab are shown.
- b. Columns are **grayed** out where original data from the extract is shown to assist with modifications. **DO NOT CHANGE VALUES IN THESE COLUMNS.**
- c. Columns that are not grayed out or highlighted as either mandatory or optional fields. If field is mandatory it's value can **NEVER** be left blank/deleted, only updated with new value.
- d. Mandatory fields are key data to identify and provide information of the equipment, the mandatory fields are
  - Equipment Description
  - User status
  - Authorization Group
  - Technical Object type
  - Acquisition Value in USD
  - Currency
  - Acquisition Date
  - Maintenance Plant
  - Tech ID Number
- e. Optional fields only require input if the current value is to be changed or removed.
- f. PADP fields are relevant only for the PK and SPM's.

Mission (SD10 & SD11) updates following fields in the Equipment Master

- Mission Group
- Estimated Release Date
- Follow On Mission
- Disposal Remark

PADP Approver (SD17) can update the Mission related fields above and the following (#2) approval fields

- Approved Destination Mission
- Approval Status



#### Important

All the fields indicated as **mandatory** should be populated in the load file. The values for Fields, which are indicated as mandatory should never be **removed and/or deleted**, even if any field

## Job Aid: Equipment Mass Change

contains special indicator value '/' by mistake. Values should be overwritten if users change content.

If a field in the spreadsheet contains blank value (no information provided in the field) the upload tool will interpret the blank value as 'no update' needed for that field in the Equipment record.

If the value of a field is to be removed in the Equipment Record, and this field is not a mandatory field, the user must indicate so in the spreadsheet field with a special indicator '/' ; the program will interpret '/' value as deletion of value in the Equipment record field.

If the "Vendor: Date on which the warranty begins" or the "Vendor: Date on which the warranty ends" or the "Acquisition Date" contains any value, it should be in **DDMMYYYY format**.

For the update of Partner in the Equipment record, the same approach as above is to be followed: Via the upload tool any type of partner function can be maintained. For this, both the partner type and business partner fields have to be populated properly.

Only '1' Partner Function / Partner will be provided in the excel file. Example a partner type (i.e. "ZV") is already available in the equipment master and the input file also contains information related to the same partner type, the program will overwrite the existing entry and won't create or add it as a new partner/line. If more than one partner does exist in the Equipment Master, for the same "partner function", the program will update only the first partner function available.

If a deletion is required, the partner type information should be in the load file and the business partner field should contain special indicator '/' this will delete the 1st partner type from the system that match with the load file. As long as one field between partner type and partner is left blank, program will interpret as no update required to the partner in the equipment record. In order to change the value user must indicate as specified above.

Installation / Uninstallation: If functional location provided is different than the one in the Equipment Master then:

- Functional Location field in spreadsheet contains blank" value, no update is needed to this field in the Equipment Record.
- Functional Location field in spreadsheet contains special indicator '/', then uninstall equipment from functional location.
- Functional Location field in spreadsheet contains different Functional Location value then dismantle equipment from current functional location and install to the one provided in the spreadsheet.

Installation or Dismantle of Equipment in Functional Location will be allowed upon master data. For example, dismantle will be allowed if Equipment has been already installed in Functional Location. Therefore, Equipment master data needs to be verified first and indicate to user if installation or dismantle will be allowed.

If the Functional Location is provided in spreadsheet it should be interpreted as "Installation". Therefore, verify if system will allow performing this activity based on existing values in the equipment master data. If Equipment has not been installed in Functional Location, then this activity will succeed, otherwise a warning message will be presented user. Also, if equipment has already been installed for the same Functional Location entered in the spreadsheet, then the system will indicate to user that installation will not be pursued as it was already done (warning error).

If the functional Location in the spreadsheet is left "blank" no update is required for the value in the Equipment Master Record.

## Job Aid: Equipment Mass Change

If the functional Location field in the spreadsheet contains special character ‘/’ it will be interpreted as “Dismantle”. If Equipment has been already installed, then this activity will succeed, otherwise a warning message will be presented to the user.

If a measuring point UoM is provided in the spreadsheet and an active measuring point with the same or different UoM already exists in Umoja then the system will give an error message as the program allows only one active measuring point per equipment.

Annual Estimate is relevant only for a measuring point. Hence if the Annual Estimate field is populated in the spreadsheet without a measuring point UoM, then no updates will be made.

The program does not support deletion of a measuring point. Also, it is not possible to change the UoM of an existing measuring point.

PADP Mission related fields (Mission Group, Follow on mission, Estimated Release Date, Disposal Remark) can be updated by the roles SD10, SD11 and SD17.

PADP Approval fields (Approved Destination Mission, Approval Status) can be updated only by SD17 role. If user with any other role attempts to update these fields an error will be generated.

If Estimated Release Date contains any value it should be in **DDMMYYYY** format



SD17 role (PADP Approver) does not have the authorization to update any information on the equipment record other than the PADP fields. Hence if the load file contains any information other than the mandatory and the PADP fields (listed in the “Important Tips” section above) then error message will be presented to the user.



### Overview of Changes

#### 1. Changing Equipment Description

Description of an equipment master is in the form of a short text. This is the description of the equipment or asset. This is a mandatory field and cannot be removed. In cases where the Equipment record was incorrectly/erroneously recorded, change the equipment description in the template file. The description of equipment cannot be longer than 40 characters to conform to Umoja standards.

Make the necessary changes/updates to the template:

# Job Aid: Equipment Mass Change

Equipment Mass Change									
Create Excel Input File									
Do not change defaulted columns (highlighted in gray) ; Do not remove values from mandatory fields, these can only be replaced but not left blank.									
Defaulted	Defaulted	CHAR(40)	Defaulted	Dropdown	Defaulted	Dropdown	Defaulted	Dropdown	Defaulted
Equipment Number	Current Equipment Description	New Equipment Description (Mandatory field)	Current User status	New User status (Mandatory field)	Authorization Group	New Authorization Group	Current Object type	New Object type (Mandatory field)	Current Acquisition
5	10019625	Simultaneous translation systems	EQID	Z06	Z06	Z06	45111700	45111700	
6	10019626	Conference amplifier systems	EQID	EQID	Z06	Z06	43000000	43000000	
7	10019627	Power supplies for Transformer	EQID	EQID	Z06	Z06	39000000	39000000	1
8	10019628	Video systems	EQID	EQID	Z06	Z06	45111800	45111800	1
9	10019629	Television and video monitors color	EQID	Z06	Z06	Z06	52000000	52000000	5
10	10019630	Video accessories	EQID	EQID	Z06	Z06	52161600	52161600	1
11	10019631	Simultaneous translation systems	EQID	Z06	Z06	Z06	45111700	45111700	
12	10019632	Computer systems special purpose	EQID	EQID	Z06	Z06	43210000	43210000	1
13	10019633	Simultaneous translation systems	EQID	Z06	Z06	Z06	45111700	45111700	
14	10019634	Personal computers (PC) general	EQID	Z06	Z06	Z06	43210000	43210000	
15	10019635	Personal computers (PC) general	EQID	Z06	Z06	Z06	43210000	43210000	
16	10019636	Network router	EQID	Z06	Z06	Z06	43000000	43000000	2
17	10019637	Personal computers (PC) general	EQID	Z06	Z06	Z06	43210000	43210000	
18	10019638	LAN file servers	EQID	Z06	Z06	Z06	43211501	43211501	3
19	10019639	Network connection equipment miscellaneous	EQID	Z06	Z06	Z06	43222600	43222600	3
20	10019640	Coolant systems	EQID	Z06	Z06	Z06	24130000	24130000	8
21	10019641	Personal computers (PC) general	EQID	Z06	Z06	Z06	43210000	43210000	
22	10019642	Personal computers (PC) general	EQID	Z06	Z06	Z06	43210000	43210000	
23	10019643	LAN file servers	EQID	Z06	Z06	Z06	43211501	43211501	4
24	10019644	Personal computers (PC) general	EQID	Z06	Z06	Z06	43210000	43210000	1

## 2. Changing the User Status

This field represents the status of the equipment (i.e. whether the equipment is usable, to be repaired). If any status requires to be updated, select one of the statuses in the drop-down list.

Make the necessary changes to the Status of the equipment in the template:

Equipment Mass Change									
Create Excel Input File									
Do not change defaulted columns (highlighted in gray) ; Do not remove values from mandatory fields, these can only be replaced but not left blank.									
Defaulted	Defaulted	CHAR(40)	Defaulted	Dropdown	Defaulted	Dropdown	Defaulted	Dropdown	Defaulted
Equipment Number	Current Equipment Description	New Equipment Description (Mandatory field)	Current User status	New User status (Mandatory field)	Authorization Group	New Authorization Group	Current Object type	New Object type (Mandatory field)	Current Acquisition
5	10019625	Simultaneous translation systems	EQID	F00	Z06	F00	45111700	45111700	
6	10019626	Conference amplifier systems	EQID	F00	Z06	F00	43000000	43000000	
7	10019627	Power supplies for Transformer	EQID	F00	Z06	F00	39000000	39000000	1
8	10019628	Video systems	EQID	F00	Z06	F00	45111800	45111800	1
9	10019629	Television and video monitors color	EQID	F00	Z06	F00	52000000	52000000	5
10	10019630	Video accessories	EQID	F00	Z06	F00	52161600	52161600	1
11	10019631	Simultaneous translation systems	EQID	F00	Z06	F00	45111700	45111700	
12	10019632	Computer systems special purpose	EQID	F00	Z06	F00	43210000	43210000	1
13	10019633	Simultaneous translation systems	EQID	F00	Z06	F00	45111700	45111700	
14	10019634	Personal computers (PC) general	EQID	F00	Z06	F00	43210000	43210000	
15	10019635	Personal computers (PC) general	EQID	F00	Z06	F00	43210000	43210000	
16	10019636	Network router	EQID	F00	Z06	F00	43000000	43000000	2
17	10019637	Personal computers (PC) general	EQID	F00	Z06	F00	43210000	43210000	
18	10019638	LAN file servers	EQID	F00	Z06	F00	43211501	43211501	3
19	10019639	Network connection equipment miscellaneous	EQID	F00	Z06	F00	43222600	43222600	3
20	10019640	Coolant systems	EQID	F00	Z06	F00	24130000	24130000	8
21	10019641	Personal computers (PC) general	EQID	Z06	Z06	Z06	43210000	43210000	
22	10019642	Personal computers (PC) general	EQID	Z06	Z06	Z06	43210000	43210000	
23	10019643	LAN file servers	EQID	Z06	Z06	Z06	43211501	43211501	4
24	10019644	Personal computers (PC) general	EQID	Z06	Z06	Z06	43210000	43210000	1

## 3. Authorization Groups

The user will have access to change equipment of its own authorization group only.

Whereas, the User' in offices designated to ensure proper utilization and safe custody of all UN property (e.g. Property Management Section) access to multiple authorization groups is possible. This is a mandatory field and cannot be removed or left blank.

User' with access to multiple authorization groups can change the authorization group by selecting the authorization groups in the drop-down list.



# Job Aid: Equipment Mass Change

Equipment Number	Current Equipment Description	CHAR(40)	Defaulted	Dropdown	Defaulted	Dropdown	Defaulted	Dropdown	Defaulted
Equipment Number	Current Equipment Description	New Equipment Description (Mandatory field)	Current User status	New User status (Mandatory field)	Authorization Group	New Authorization Group	Current Object type	New Object type (Mandatory field)	Current Acquisition
5	10019625	Simultaneous translation systems	EQID	EQOP	Z06	F00	45111700	45111700	
6	10019626	Conference amplifier systems	EQID	EQOP	Z06	F00	43000000	43000000	
7	10019627	Power supplies	EQID	EQOP	Z06	F00	39000000	39000000	1
8	10019628	Video systems	EQID	EQOP	Z06	F00	45111800	45111800	1
9	10019629	Television and video monitors color	EQID	EQOP	Z06	F00	52000000	52000000	5
10	10019630	Video accessories	EQID	EQOP	Z06	F00	52161600	52161600	1
11	10019631	Simultaneous translation systems	EQID	EQOP	Z06	F00	45111700	45111700	
12	10019632	Computer systems special purpose	EQID	EQOP	Z06	F00	43210000	43210000	1
13	10019633	Simultaneous translation systems	EQID	EQOP	Z06	F00	45111700	45111700	
14	10019634	Personal computers (PC) general purpose	EQID	EQOP	Z06	F00	43210000	43210000	
15	10019635	Personal computers (PC) general purpose	EQID	EQOP	Z06	F00	43210000	43210000	
16	10019636	Network router	EQID	EQOP	Z06	F00	43000000	43000000	2
17	10019637	Personal computers (PC) general purpose	EQID	EQID	Z06	F00	43210000	43210000	
18	10019638	LAN file servers	EQID	EQID	Z06	F00	43211501	43211501	3
19	10019639	Network connection equipment miscellaneous	EQID	EQID	Z06	F00	43222600	43222600	3
20	10019640	Coolant systems	EQID	EQID	Z06	F00	24130000	24130000	8
21	10019641	Personal computers (PC) general purpose	EQID	EQID	Z06	Z06	43210000	43210000	
22	10019642	Personal computers (PC) general purpose	EQID	EQID	Z06	Z06	43210000	43210000	
23	10019643	LAN file servers	EQID	EQID	Z06	Z06	43211501	43211501	4
24	10019644	Personal computers (PC) general purpose	EQID	EQID	Z06	Z06	43210000	43210000	1

## 4. Other Mandatory fields

The other mandatory fields like Object type, Acquisition Value, Current Currency, and Acquisition Date can be enriched and updated as deemed necessary.

Equipment Number	Current Object type	New Object type (Mandatory field)	Current Acquisition Value	New Acquisition Value in USD (Mandatory field)	Current Currency	New Currency (Mandatory field)	Current AcquistDate	New Acquisition Date (Mandatory field)	Current Maintenance Plant	New Maintenance (Mandatory field)
5	45111700	45111700	82.50	82.50 USD	USD	USD	01.07.2009	01.07.2009	US00	US00
6	43000000	43000000	244.00	244.00 USD	USD	USD	01.07.2009	01.07.2009	US00	US00
7	39000000	39000000	1,299.00	1,299.00 USD	USD	USD	15.11.2009	15.11.2009	US00	US00
8	45111800	45111800	1,056.00	1,056.00 USD	USD	USD	01.08.2013	01.08.2013	US00	US00
9	52000000	52000000	5,417.51	5,417.51 USD	USD	USD	01.07.2009	01.07.2009	US00	US00
10	52161600	52161600	1,215.00	1,215.00 USD	USD	USD	01.07.2009	01.07.2009	US00	US00
11	45111700	45111700	109.20	109.20 USD	USD	USD	26.05.2011	26.05.2011	US00	US00
12	43210000	43210000	1,151.67	1,151.67 USD	USD	USD	01.08.2013	01.08.2013	US00	US00
13	45111700	45111700	82.50	82.50 USD	USD	USD	01.07.2009	01.07.2009	US00	US00
14	43210000	43210000	715.00	715.00 USD	USD	USD	26.03.2008	26.03.2008	US00	US00
15	43210000	43210000	672.00	672.00 USD	USD	USD	23.02.2012	23.02.2012	US00	US00
16	43000000	43000000	2,965.70	2,965.70 USD	USD	USD	01.07.2009	01.07.2009	US00	US00
17	43210000	43210000	998.00	998.00 USD	USD	USD	18.08.2009	18.08.2009	US00	US00
18	43211501	43211501	3,895.00	3,895.00 USD	USD	USD	20.01.2011	20.01.2011	US00	US00
19	43222600	43222600	3,955.00	3,955.00 USD	USD	USD	12.04.2009	12.04.2009	US00	US00
20	24130000	24130000	8,145.00	8,145.00 USD	USD	USD	15.11.2009	15.11.2009	US00	US00
21	43210000	43210000	759.00	759.00 USD	USD	USD	24.01.2014	24.01.2014	US00	US00
22	43210000	43210000	698.00	698.00 USD	USD	USD	26.08.2014	26.08.2014	US00	US00
23	43211501	43211501	4,927.00	4,927.00 USD	USD	USD	10.07.2012	10.07.2012	US00	US00
24	43210000	43210000	1,300.00	1,300.00 USD	USD	USD	01.01.2008	01.01.2008	US00	US00

## 5. Maintenance Plant

This is a mandatory field and should not be removed. This field should be changed ONLY if the equipment is transferred to different Plant in a different Functional Location. In order to change the maintenance plant the equipment should first be uninstalled from its current functional location.

## 6. Tech ID Number

This is a mandatory field and cannot be removed/deleted. The Tech ID Number shows the Umoja-generated serial number (with 3 \*\*s in front). The Equipment Master's Tech ID number automatically adopts the serial number preceded by 3 stars (\*\*\*) in order to indicate that this record was automatically generated in Umoja following the Goods Receipt process. The user can overwrite this number by removing the 3 stars (\*\*\*) to indicate that the equipment record was validated after being created. Make the necessary changes/updates to the Tech ID number in the template

# Job Aid: Equipment Mass Change

	A	P	Q	R	S	T	U	V	W	X	
1	<b>Equipment Mass</b>										
2	Do not change default										
3	Defaulted	Defaulted	Dropdown	Defaulted	CHAR(25)	Defaulted	CHAR(25)	Defaulted	CHAR(30)	Defaulted	CHA
4	Equipment Number	Current Maintenance Plant	New Maintenance Plant (Mandatory field)	Current Tech Number	New Tech ID Number (Mandatory field)	Current Inventory Number	New Inventory Number (Optional field)	Current Manufacturer	New Manufacturer (Optional field)	Current Model number	New Mod (Option
5	10019625	US00	US00	A01294328	OCHA01294328		OLDSUPP12345		Hitachi	LBB4540/08	OCHA123
6	10019626	US00	US00	A01181300	OCHA01181300		OLDSUPP12346		Hitachi	8_99338E+11	OCHA124
7	10019627	US00	US00	A01330257	OCHA01330257		OLDSUPP12346		Hitachi	AP7866	OCHA125
8	10019628	US00	US00	A01380216	OCHA01380216		OLDSUPP12347		Hitachi	PLATINUM ROU	OCHA126
9	10019629	US00	US00	A01295087	OCHA01295087		OLDSUPP12348		Hitachi	NA	OCHA127
10	10019630	US00	US00	A01295518	OCHA01295518		OLDSUPP12349		Hitachi	NA	OCHA128
11	10019631	US00	US00	A01202887	OCHA01202887		OLDSUPP12350		Hitachi	LBB4540/08	OCHA129
12	10019632	US00	US00	A01380263	OCHA01380263		OLDSUPP12351		Hitachi	XZ983UT#ABA	OCHA130
13	10019633	US00	US00	A01291264	OCHA01291264		OLDSUPP12352		Hitachi	LBB4540/08	OCHA131
14	10019634	US00	US00	A01230308	OCHA01230308		OLDSUPP12353		Lenovo	6071-A62	OCHA132
15	10019635	US00	US00	A01400091	OCHA01400091		OLDSUPP12354		Lenovo	5067A81	OCHA133
16	10019636	US00	US00	A01293775	OCHA01293775		OLDSUPP12355		Lenovo	AMX5121	OCHA134
17	10019637	US00	US00	A01244626	OCHA01244626		OLDSUPP12356		Lenovo	6209-AH7	OCHA135
18	10019638	US00	US00	A01169710	OCHA01169710		OLDSUPP12357		Lenovo	AVOCENT	OCHA136
19	10019639	US00	US00	A01295359	A01295359					SP5340	
20	10019640	US00	US00	A01330626	A01330626					ACRC100	
21	10019641	US00	US00	A01405308	A01405308					10A6S04L00	
22	10019642	US00	US00	A01407247	A01407247					10A8S09700	
23	10019643	US00	US00	A01201280	A01201280					WS-C4507R	
24	10019644	US00	US00	A01147323	A01147323					D915GX-HYB	

## 7. Other Optional Fields

Equipment Mass Change utility allows the users' to enrich or remove the optional fields. Optional fields only require input if the current value is to be changed or removed.

	A	T	U	V	W	X	Y	Z	AA	AB	AC
1	<b>Equipment Mass</b>										
2	Do not change default										
3	Defaulted	Defaulted	CHAR(25)	Defaulted	CHAR(30)	Defaulted	CHAR(20)	Defaulted	CHAR(30)	Defaulted	CHAR(30)
4	Equipment Number	Current Inventory Number	New Inventory Number (Optional field)	Current Manufacturer	New Manufacturer (Optional field)	Current Model number	New Model number (Optional field)	Current ManufSerialNo.	New ManufSerialNo. (Optional field)	Current ManufPartNo.	New ManufPartNo. (Optional field)
5	10019625		OLDSUPP12345		Hitachi	LBB4540/08	OCHA123	NA	MK001223		
6	10019626		OLDSUPP12346		Hitachi	8_99338E+11	OCHA124	NA	KJ0000032		
7	10019627		OLDSUPP12346		Hitachi	AP7866	OCHA125	ZA0839009122	MX444550		
8	10019628		OLDSUPP12347		Hitachi	PLATINUM ROU	OCHA126	LHTI0519181010			
9	10019629		OLDSUPP12348		Hitachi	NA	OCHA127	NA	LEN01234		
10	10019630		OLDSUPP12349		Hitachi	NA	OCHA128	NA	LEN23456		
11	10019631		OLDSUPP12350		Hitachi	LBB4540/08	OCHA129	NA	HIT987654		
12	10019632		OLDSUPP12351		Hitachi	XZ983UT#ABA	OCHA130	MXL22219DWW			
13	10019633		OLDSUPP12352		Hitachi	LBB4540/08	OCHA131	NA			
14	10019634		OLDSUPP12353		Lenovo	6071-A62	OCHA132	LKCWAYK			
15	10019635		OLDSUPP12354		Lenovo	5067A81	OCHA133	MJGHNAG			
16	10019636		OLDSUPP12355		Lenovo	AMX5121	OCHA134	270160285			
17	10019637		OLDSUPP12356		Lenovo	6209-AH7	OCHA135	MJ10966			
18	10019638		OLDSUPP12357		Lenovo	AVOCENT	OCHA136	270198522			
19	10019639					SP5340		140725103			
20	10019640					ACRC100		UK0948211264			
21	10019641					10A6S04L00		MJ002293			
22	10019642					10A8S09700		SMJ01AG49			
23	10019643					WS-C4507R		FOX08050324			
24	10019644					D915GX-HYB		3989881-0001			

## 8. Master Batch

Equipment Mass Change utility allows the users to change the master batch field. Change of a master batch field is controlled by Umoja/SAP standard. Any new equipment created in Umoja (acquired through the Umoja SRM process) will have a "new" valuation type automatically populated. For certain Material Types (for example, ZERS – Spare Parts, and ZSAA – Supplies & Equipment), if they are issued and subsequently returned to inventory, they will be given a "used" valuation of "0". Master batch data in the load file can be changed from NEW\_SPARES/SUPP to OLD\_SPARES/SUPP, thus, updating the equipment master batch data after the mass update for plants that manage inventory.

# Job Aid: Equipment Mass Change

Equipment Mass											
Do not change default											
Defaulted	NUM(10)	Defaulted	NUM(8)	Defaulted	CHAR(10)	Defaulted	CHAR(30)	Partner Assignment #1		Partner Assignment #2	
Equipment Number	New Material (Optional field)	Current Serial Number	New Serial Number (Optional field)	Current Master Batch	New Master Batch (Optional field)	Current Functional Loc.	New Functional Loc. (Optional field)	Dropdown 1 (Optional field)	CHAR(12)	Dropdown 2 (Optional field)	CHAR(12)
5	10019625				NEW_SUPP	OLD_SUPP					
6	10019626				NEW_SUPP	OLD_SUPP					
7	10019627				NEW_SUPP	OLD_SUPP					
8	10019628				NEW_SUPP	OLD_SUPP					
9	10019629				NEW_SUPP	OLD_SUPP					
10	10019630				NEW_SUPP	OLD_SUPP					
11	10019631				NEW_SUPP	OLD_SUPP					
12	10019632				NEW_SUPP	OLD_SUPP					
13	10019633				NEW_SUPP	OLD_SUPP					
14	10019634				NEW_SUPP	OLD_SUPP					
15	10019635				NEW_SUPP	OLD_SUPP					
16	10019636				NEW_SUPP	OLD_SUPP					
17	10019637				NEW_SUPP	OLD_SUPP					
18	10019638				NEW_SUPP	OLD_SUPP					
19	10019639				NEW_SUPP	OLD_SUPP					
20	10019640				NEW_SUPP	OLD_SUPP					
21	10019641				NEW_SUPP	OLD_SUPP					
22	10019642				NEW_SUPP	OLD_SUPP					
23	10019643				NEW_SUPP	OLD_SUPP					
24	10019644				NEW_SUPP	OLD_SUPP					

## 9. Functional Locations

The equipment can be **assigned** to a new functional location or can be **dismantled** from the current functional location using this utility.

Equipment Mass											
Do not change default											
Defaulted	Defaulted	NUM(8)	Defaulted	CHAR(10)	Defaulted	CHAR(30)	Partner Assignment #1		Partner Assignment #2		
Equipment Number	Current Serial Number	New Serial Number (Optional field)	Current Master Batch	New Master Batch (Optional field)	Current Functional Loc.	New Functional Loc. (Optional field)	Dropdown 1 (Optional field)	CHAR(12)	Dropdown 2 (Optional field)	CHAR(12)	
5	10000051				200423 021 02	200423.017 01					
6	10000053				200423 017 01	/					
7	10000054				200423 017 02	200423.017 01					
8	10000055				200423 017 02	200423.017 01					
9	10000056				200423 017 01	/					
10	10000057				200423 017 01	/					
11	10000058				200423 017 01						
12	10000059				200423 017 01						
13	10000060				200423 017 01						
14	10000061				200423 017 01						
15	10000062				200423 017 01						
16	10000063				200423 017 01						
17	10000064				200423 017 01						
18	10000065				200423 017 01						
19	10000066				200423 022 04						
20	10000067				200423 017 01						
21	10000068				200423 017 01						
22	10000069				200423 017 01						
23	10000070				200423 017 01						
24	10000071				200423 017 01						

## 10. Business Partner

Equipment master can be assigned with new business partner of same or different function and override the first business partner of the same function (when assigned to multiple BP). If Partner profile is entered validate values against BP Master.

Equipment Mass											
Do not change default											
Defaulted	Defaulted	NUM(8)	Defaulted	CHAR(10)	Defaulted	CHAR(30)	Partner Assignment #1		Partner Assignment #2		
Equipment Number	Current Serial Number	New Serial Number (Optional field)	Current Master Batch	New Master Batch (Optional field)	Current Functional Loc.	New Functional Loc. (Optional field)	Dropdown 1 (Optional field)	CHAR(12)	Dropdown 2 (Optional field)	CHAR(12)	
8	10014179	10014179			200423 001	200423 001 01	ZV		2000539799		
9	10014220				200423 001	200423 001 01	ZV		2000366808		
10	10014321	10014321			200423 001	200423 001 01	ZV		2000539799		
11	10014371	10014371			200423 001		ZV		2000366808		
12	10015459	10015459			200423 001 /		ZV		2000539799		
13	10015599	10015599			200423 001 /		ZV		2000366808		
14	10015600	10015600			200423 001 /		VN		1900002435		
15	10015639	10015639			200423 001	200423.001	VN		1900001596		
16	10015640	10015640			200423 001	200423.001	VN		1900002435		
17	10015651	10015651		NEW_SUPP	200423 001	200423.001	VN		1900001596		
18	10015652	10015652		NEW_SUPP	200423 001	200423.001	VN		1900002435		
19	10015654	10015654		NEW_SUPP	200423 001	200423.001	VN		1900001596		
20	10015734				200423 001						
21	10015737	10015737			200423 001						
22	10015739	10015739			200423 001						
23	10015741	10015741			200423 001						
24	10015742	10015742				200423.001 01					
25	10015750	10015750				200423 001 01					
26	10015753	10015753				200423 001 01					

# Job Aid: Equipment Mass Change

## 11. Measuring Point

A measuring point of type counter can be created for an equipment by populating UoM in the load file. Annual Estimate field in the load file is a characteristic of the measuring point which supports Performance based maintenance.

Equipment Number	New Global Insurance Category. (Optional field)	Measuring Point UoM. (Optional field)	Measuring Point Annual Estimate (Optional field)	Condition	New Condition (Optional field)	Mission Group	New Mission Gro (Optional field)
10110228	V04	km	50000				
10110227	V06	km	80000				
10110225	V04	km	60000				
10110685	V10	km	40000				
10110653	V11	km	60000				
10110650	M08	km	55000				
10110644	V06	km	50000				
10110654	V04	km	80000				
10110645	V10	km	60000				
10110655	V11	km	40000				
10110672	M08	km	60000				
10110656	V07	km	55000				
10110658	M10	km	50000				
10110657	M10	km	80000				
10110651	M05	km	60000				
10110226	V03	km	40000				
10011936	V11	km	60000				
10011937	M08	km	55000				
10011938	V07	km	60000				
10011939	M10	km	40000				
10011940	M10	km	60000				
10011941	M05	km	55000				
10011942	V03	km	60000				

## 12. Global Insurance Category

Global Insurance Category can be updated for insurance reporting purposes.

Equipment Number	New Partner Function 2 (Optional field)	Global Insurance Category	New Global Insurance Category. (Optional field)	Measuring Point UoM. (Optional field)	Measuring Point Annual Estimate (Optional field)
10110650		V08	M08	km	55000
10110644		V10	V06	km	50000
10110654		V11	V04	km	80000
10110645		M02	V10	km	60000
10110655		M03	V11	km	40000
10110672		M04	M08	km	60000
10110656		M05	V07	km	55000
10110658		M06	M10	km	50000
10110657		M07	M10	km	80000
10110651		M08	M05	km	60000
10110226		M09	V03	km	40000
10011936		M10	V11	km	60000
10011937		V10	M08	km	55000
10011938		V11	V07	km	60000
10011939		M02	M10	km	40000
10011940		M03	M10	km	60000
10011941		M04	M05	km	55000
10011942		M08	V03	km	60000

## 13. Equipment Condition

Equipment condition can be updated in the template as shown below

## Job Aid: Equipment Mass Change

Equipment Mass Change						
Do not change defaulted conditions						
Defaulted	Defaulted	CHAR(5)	Defaulted	CHAR(22)	Defaulted	CHAR(1)
Equipment Number	Measuring Point UoM	New Measuring Point UoM <i>(Optional field)</i>	Measuring Point Annual Estimate	New Measuring Point Annual Estimate <i>(Optional field)</i>	Condition	New Condition <i>(Optional field)</i>
10110642	km			40000	1	
10110228	km			50000	2	
10110227	km			80000	3	
10110225	km			60000	4	
10110665	km			40000	5	
10110653	km			60000	5	
10110650	km			55000	4	
10110644	km			50000	3	
10110654	km			80000	2	
10110645	km			60000	1	
10110655	km			40000	1	
10110672	km			60000	1	
10110656	km			55000	2	
10110658	km			50000	4	
10110657	km			80000	4	
10110651	km			60000	4	
10110226	km			40000	3	
10011936	km			60000	3	
10011937	km			55000	3	
10011938	km			60000	3	
10011939	km			40000	1	
10011940	km			60000	1	
10011941	km			55000	2	
10011942	km			60000	2	

### 14. PADP Mission fields

The PADP mission planning fields are used for the PADP planning process which is relevant for the PK/SPM missions. These fields can be updated in the template as shown below.

Equipment Mass Change							
Do not change defaulted conditions							
PADP / Surplus Data only for PK/SPM Missions							
Defaulted	CHAR(1)	Defaulted	CHAR(1)	Defaulted	DD/MM/YYYY	Defaulted	CHAR(1)
Equipment Number	New Mission Group <i>(Optional field)</i>	Follow On Mission	New Follow On Mission <i>(Optional field)</i>	Estimated Release Date	New Estimated Release Date <i>(Optional field)</i>	Disposal Remark	New Disposal Remark <i>(Optional field)</i>
0110642	1		Y		12.03.2023		
0110228	2		Y		12.03.2023		
0110227	3		Y		12.03.2023		
0110225	4		Y		02.06.2019		
0110665	5		Y		02.06.2019		
0110653	2		Y		02.06.2019		
0110650	3		N		21.12.2018		
0110644	4		N		21.12.2018		
0110654	5		N		21.12.2018		
0110645	2		N		19.11.2020		
0110655	3		N		19.11.2020		
0110672	4		N		19.11.2020		
0110656	5		N		19.11.2020		
0110658	2		Y		19.11.2020		
0110657	3		Y		19.11.2020		
0110651	4		Y		19.11.2020		
0110226	5		Y		19.11.2020		
0110332	2		Y		19.11.2020		
0110335	3		Y		19.11.2020		
0110339	4		N		19.11.2020		
0110400	5		Y		19.11.2020		

### 15. PADP Approval fields

Mass approval of PADP planning data can be performed only by the PADP approver. If needed the PADP approver can also overwrite the mission planning data.

## Job Aid: Equipment Mass Change

Equipment Mas							
Do not change default							
PADP / Surplus Data only for PK/SPM Missions							
Defaulted	DD/MM/YYYY	Defaulted	CHAR(1)	Defaulted	CHAR(4)	Defaulted	CHAR(1)
Equipment Number	New Estimated Release Date <i>(Optional field)</i>	Disposal Remark	New Disposal Remark <i>(Optional field)</i>	Approved Destination Mission	New Approved Destination Mission <i>(Optional field)</i>	Approval Status	New Approval Status <i>(Optional field)</i>
10110642	12.03.2023				AF10		A
10110228	12.03.2023				AF10		A
10110227	12.03.2023				AF10		A
10110225	02.06.2019				AF10		A
10110665	02.06.2019				AF10		A
10110653	02.06.2019				AF10		A
10110650	21.12.2018				AF10		A
10110644	21.12.2018				AF10		A
10110654	21.12.2018				LB10		A
10110645	19.11.2020				LB10		A
10110655	19.11.2020				LB10		A
10110672	19.11.2020				LB10		A
10110656	19.11.2020				LB10		A
10110658	19.11.2020				LB10		A
10110657	19.11.2020				LB10		A
10110651	19.11.2020				LB10		A
10110226	19.11.2020				LB10		A
10110332	19.11.2020				LB10		A
10110335	19.11.2020				LB10		A
10110339	19.11.2020				LB10		A
10110400	19.11.2020				LB10		A

### 16. Surplus

Surplus field can be updated in mass as shown below.

Equipment Mas							
Do not change default							
only for PK/SPM Missions							
Defaulted	Defaulted	CHAR(1)	Defaulted	CHAR(4)	Defaulted	CHAR(1)	Defaulted
Equipment Number	Disposal Remark	New Disposal Remark <i>(Optional field)</i>	Approved Destination Mission	New Approved Destination Mission <i>(Optional field)</i>	Approval Status	New Approval Status <i>(Optional field)</i>	Surplus
10110642							Y
10110228							Y
10110227							Y
10110225							N
10110665							Y
10110653							Y
10110650							N
10110644							Y
10110654							Y
10110645							N
10110655							Y
10110672							Y
10110656							N
10110658							Y
10110657							Y
10110651							N
10110226							Y
10110332							Y
10110335							Y
10110339							Y
10110400							Y



### Create the Excel Input File

1. Review the template file again for all the changes. When all changes have been made to the data in the "3. Update Data" tab click on the button on top of the tab that reads "Create Excel Input File", message will appear when file is ready for review.

# Job Aid: Equipment Mass Change

## 2. Review the additional "File 1" and/or "File 2" tabs created

### Create the Text Input File

1. Copy the data from the "File 1 and/or 2" tab to a text file, make sure to not copy the headers.

## Job Aid: Equipment Mass Change

- If "File 2 tab" is created, copy the data from the "File 2" tab to a different text file, make sure to not copy the headers.

Equipment Number	New Equipment Description(Mandatory field)	New User status(Mandatory field)	New Authorization Group	New Object type(Mandatory field)	New Acquisition Value in USD(Ma
10013981	Computer:Laptop	EQID	C04		43000000
10013982	Computer:Laptop	EQOP	C04		43000000
10014054	Sedan	EQAS	C04		25180000
10014179	Computer:Laptop	EQAS	C04		43000000
10014220	test	EQID	C04		43000000
10014321	Vhcl:Police,Diesel,LHD,4x4,HD	EQOP	C04		42000000
10014371	Prime Mover	EQID	C04		25180000
10015459	Prime Mover	EQOP	C04		42000000
10015599	Prime Mover	EQOP	C04		42000000
10015600	Prime Mover	EQOP	C04		42000000
10015639	Chair:Dental	EQOP	C04		42000000
10015640	Projector:Dig,Portable	EQOP	C04		42000000
10015651	Computer:Laptop	EQOP	C04		42000000
10015652	Computer:Laptop	EQOP	C04		42000000
10015654	Computer:Laptop	EQOP	C04		42000000
10015734	Vhcl:Util,MD,1Cab,Petrol,LHD,4x4	EQID	C04		43000000
10015737	Vhcl:Util,MD,1Cab,Petrol,LHD,4x4	EQOP	C04		42000000
10015739	Vhcl:Util,MD,1Cab,Petrol,LHD,4x4	EQSL	C04		43000000
10015741	Vhcl:Util,MD,1Cab,Petrol,LHD,4x4	EQOP	C04		42000000
10015742	Vhcl:Util,MD,1Cab,Petrol,LHD,4x4	EQOP	C04		43000000
10015750	Vhcl:Util,MD,1Cab,Petrol,LHD,4x4	EQOP	C04		42000000
10015753	Vhcl:Util,MD,1Cab,Petrol,LHD,4x4	EQSL	C04		43000000

Equipment Number	New Equipment Description(Mandatory field)	New User status(Mandatory field)	New Authorization Group	New Object type(Mandatory field)	New Acquisition Value in USD(Ma
10013981	Computer:Laptop	EQID	C04		43000000
10013982	Computer:Laptop	EQOP	C04		43000000
10014054	Sedan	EQAS	C04		25180000
10014179	Computer:Laptop	EQAS	C04		43000000
10014220	test	EQID	C04		43000000
10014321	Vhcl:Police,Diesel,LHD,4x4,HD	EQOP	C04		42000000
10014371	Prime Mover	EQID	C04		25180000
10015459	Prime Mover	EQOP	C04		42000000
10015599	Prime Mover	EQOP	C04		42000000
10015600	Prime Mover	EQOP	C04		42000000
10015639	Chair:Dental	EQOP	C04		42000000
10015640	Projector:Dig,Portable	EQOP	C04		42000000
10015651	Computer:Laptop	EQOP	C04		42000000
10015652	Computer:Laptop	EQOP	C04		42000000
10015654	Computer:Laptop	EQOP	C04		42000000
10015734	Vhcl:Util,MD,1Cab,Petrol,LHD,4x4	EQID	C04		43000000
10015737	Vhcl:Util,MD,1Cab,Petrol,LHD,4x4	EQOP	C04		42000000
10015739	Vhcl:Util,MD,1Cab,Petrol,LHD,4x4	EQSL	C04		43000000
10015741	Vhcl:Util,MD,1Cab,Petrol,LHD,4x4	EQOP	C04		42000000
10015742	Vhcl:Util,MD,1Cab,Petrol,LHD,4x4	EQOP	C04		43000000
10015750	Vhcl:Util,MD,1Cab,Petrol,LHD,4x4	EQOP	C04		42000000
10015753	Vhcl:Util,MD,1Cab,Petrol,LHD,4x4	EQSL	C04		43000000

### Important Tips

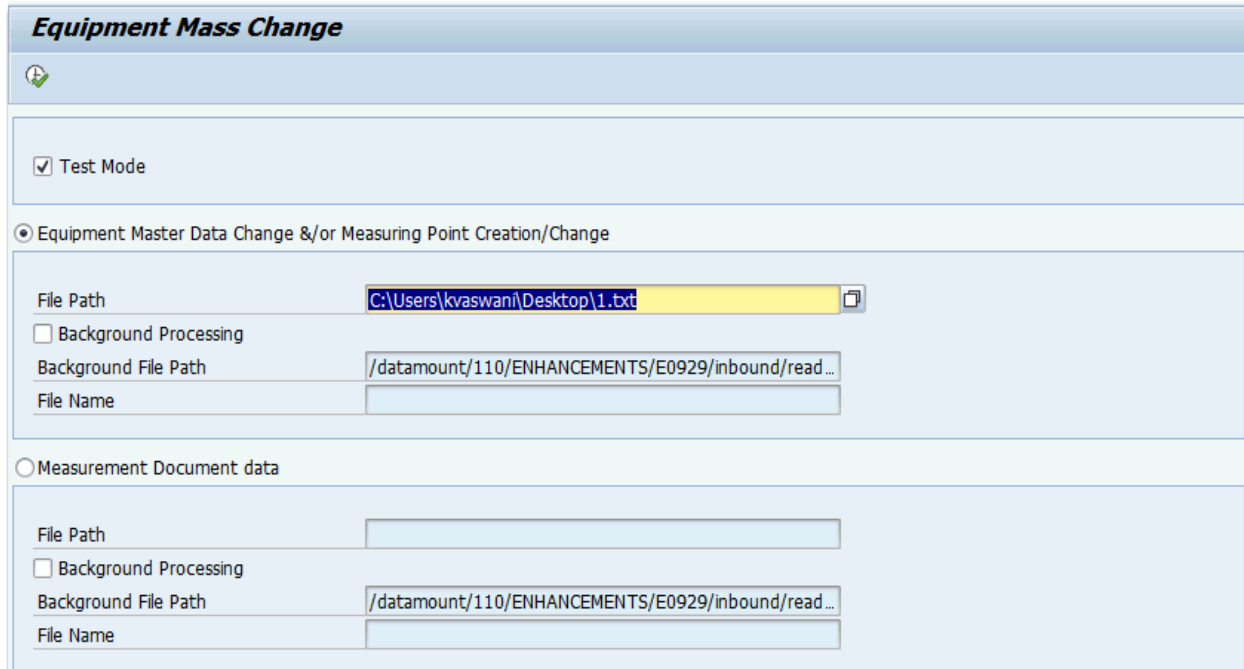
On copying the data from the "File 1" tab to a text file, **backspace** on the text file so the cursor is pointed to the last character in the text file. Save the text file on the local device.

### Step-by-Step Instructions to Run Equipment Mass Change Utility (Part III)

- Enter **ZPMEQUICHANGE** transaction in the **Command** field and click the **Enter** icon



## Job Aid: Equipment Mass Change



**Equipment Mass Change**

Test Mode

Equipment Master Data Change &/or Measuring Point Creation/Change

File Path: C:\Users\kvaswani\Desktop\1.txt

Background Processing

Background File Path: /datamount/110/ENHANCEMENTS/E0929/inbound/read...

File Name:

Measurement Document data

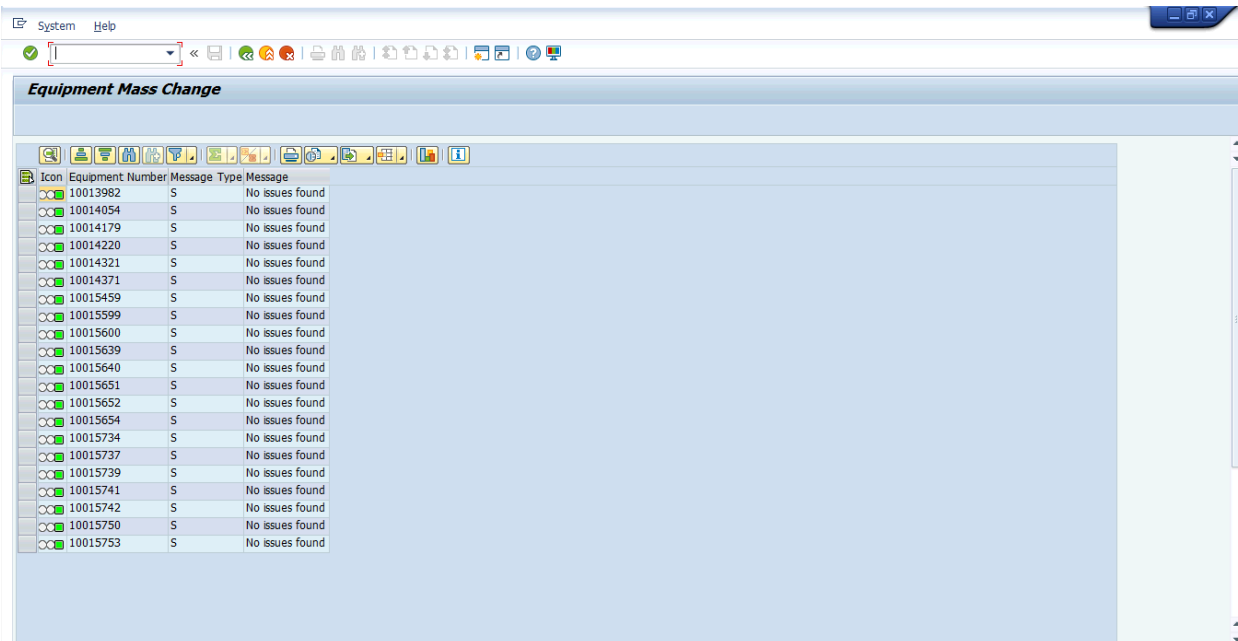
File Path:

Background Processing

Background File Path: /datamount/110/ENHANCEMENTS/E0929/inbound/read...

File Name:

Process this input text file via custom transaction code (**ZPMEQUICHANGE**). Select the option "Equipment Master Data Change and/or Measuring Point Creation/Change and the checkbox for "Test Mode". In simulation mode program will give appropriate message based on authorization or missing mandatory fields. All fields will be validated and if any error then it will be displayed in output.



2. Again, process this input text file via custom transaction code (ZPMEQUICHANGE). This time **Uncheck** the checkbox for "Test Mode"

# Job Aid: Equipment Mass Change

**Equipment Mass Change**

Test Mode

Equipment Master Data Change &/or Measuring Point Creation/Change

File Path: C:\Users\kvaswan\\Desktop\1.txt

Background Processing

Background File Path: /datamount/110/ENHANCEMENTS/E0929/inbound/read...

File Name:

Measurement Document data

File Path:

Background Processing

Background File Path: /datamount/110/ENHANCEMENTS/E0929/inbound/read...

File Name:

System Help

**Equipment Mass Change**

Icon	Equipment Number	Message Type	Message
🟢	10013982	S	Equipment Changed successfully
🟢	10013982	S	User Status is updated successfully
🟢	10014054	S	Equipment Changed successfully
🟢	10014054	S	User Status is updated successfully
🟢	10014179	S	Equipment Changed successfully
🟢	10014179	S	User Status is updated successfully
🟢	10014220	S	Equipment Changed successfully
🟢	10014220	S	User Status is updated successfully
🟢	10014321	S	Equipment Changed successfully
🟢	10014321	S	User Status is updated successfully
🟢	10014371	S	Equipment Changed successfully
🟢	10014371	S	User Status is updated successfully
🟢	10015459	S	Equipment Changed successfully
🟢	10015459	S	User Status is updated successfully
🟢	10015599	S	Equipment Changed successfully
🟢	10015599	S	User Status is updated successfully
🟢	10015600	S	Equipment Changed successfully
🟢	10015600	S	User Status is updated successfully
🟢	10015639	S	Equipment Changed successfully
🟢	10015639	S	User Status is updated successfully
🟢	10015640	S	Equipment Changed successfully
🟢	10015640	S	User Status is updated successfully
🟢	10015651	S	Equipment Changed successfully
🟢	10015651	S	User Status is updated successfully
🟢	10015652	S	Equipment Changed successfully
🟢	10015652	S	User Status is updated successfully
🟢	10015654	S	Equipment Changed successfully

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## Result/Output

Program will do basic validation and will update equipment records as per information available in source file.

**Note:** Equipment Mass Change can also be executed by uploading file from **Umoia application server** and is described in a separate Job Aid.

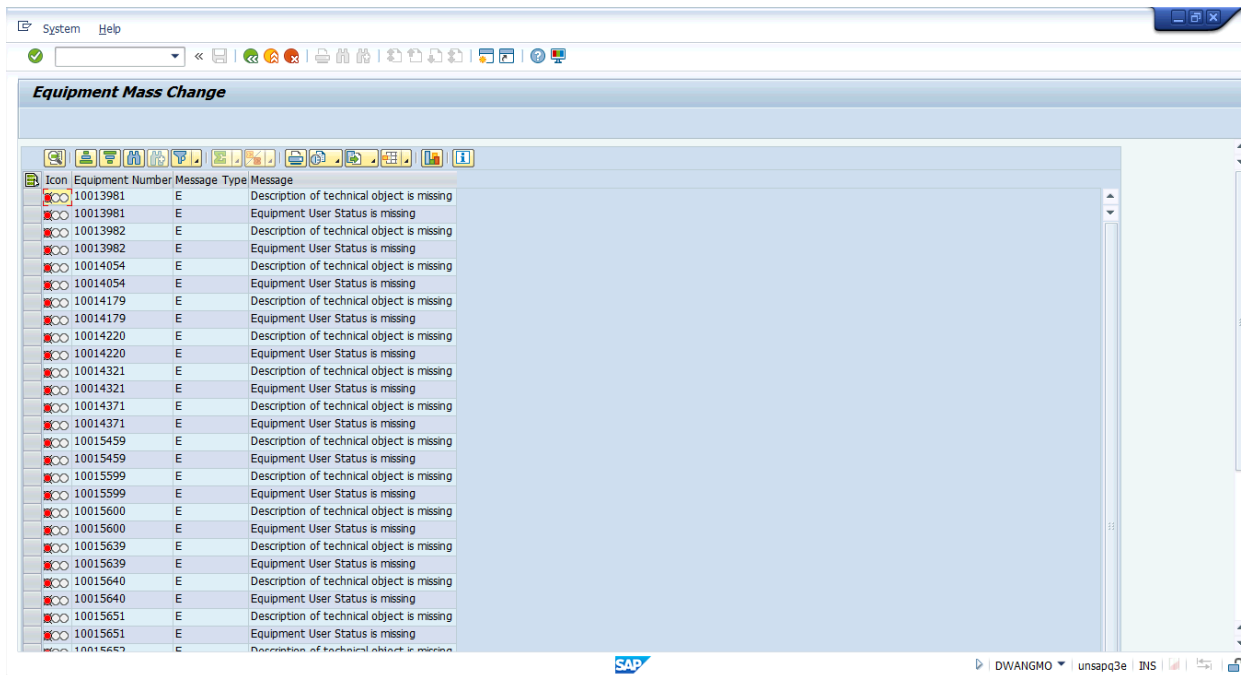


## Additional Information

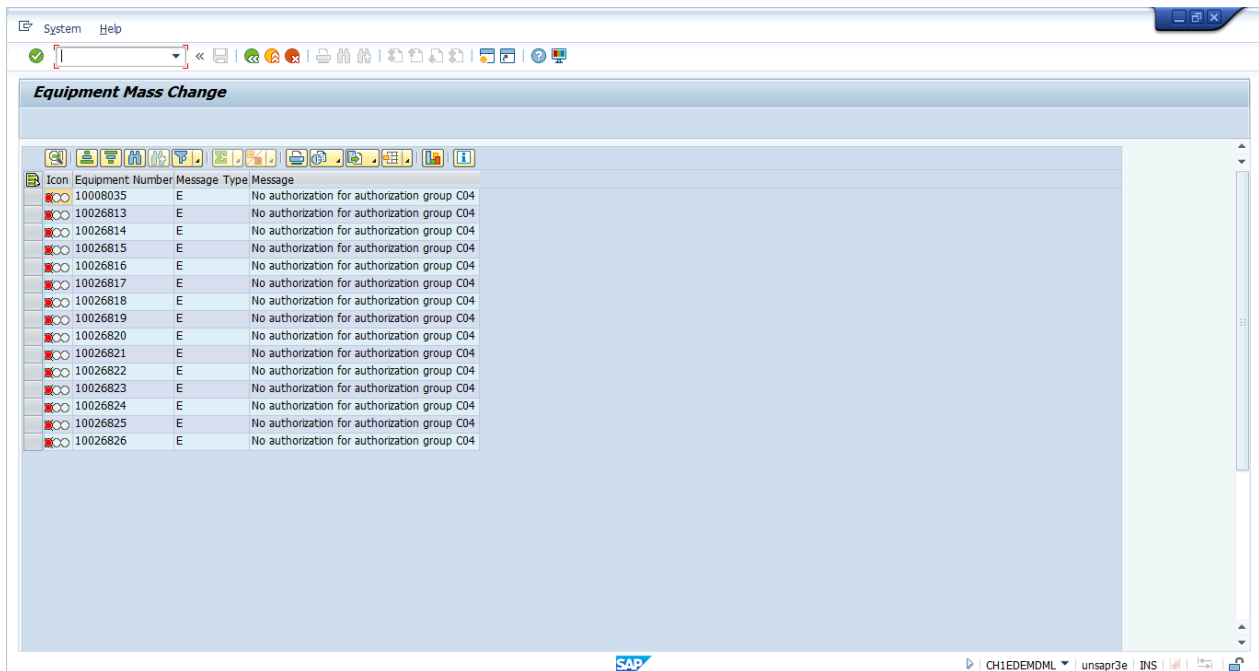
Find below detail of screen's behavior while updating certain fields using the Equipment Mass Update transaction ZPMEQUICHANGE

# Job Aid: Equipment Mass Change

## 1. Mandatory Field Deletion

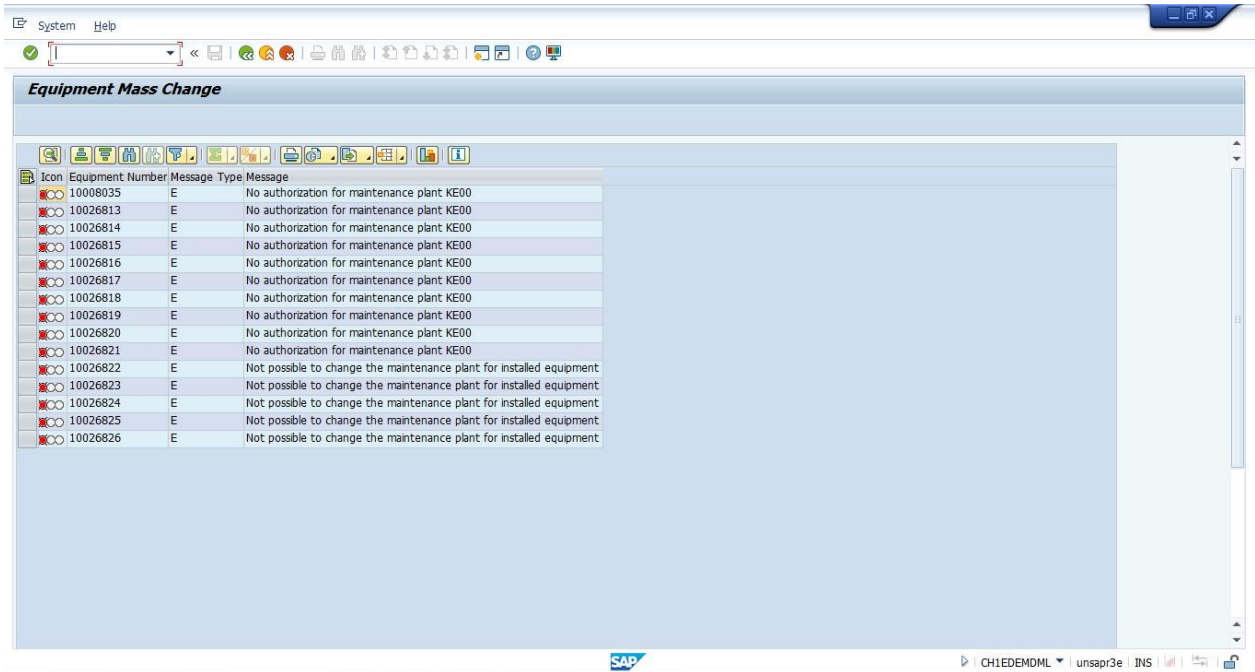


## 2. When Authorization Group is not within user's permissions, authorization group in the same plant to another value for which the user has no access to

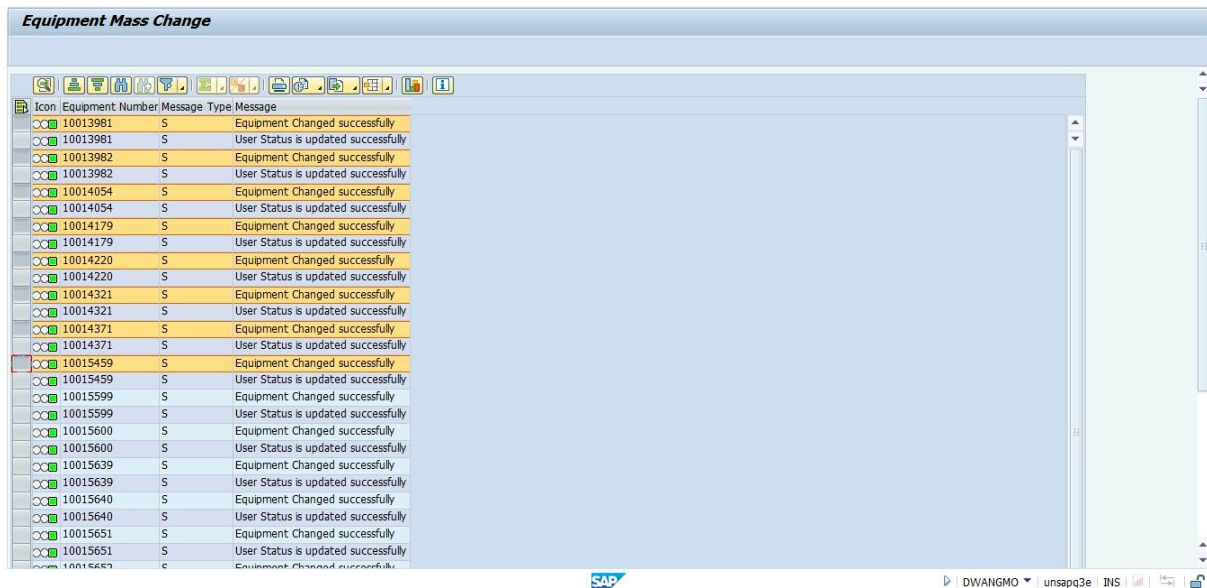


## 3. When there is a change to the Maintenance Plant to one where user has no authorization

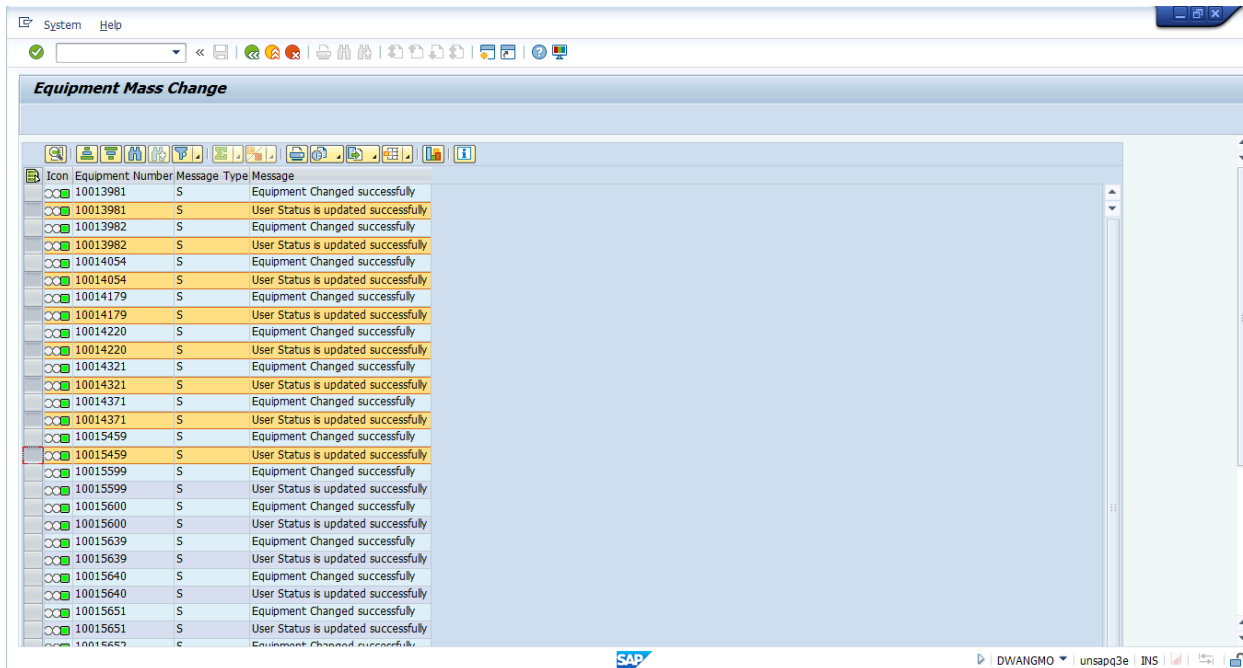
# Job Aid: Equipment Mass Change



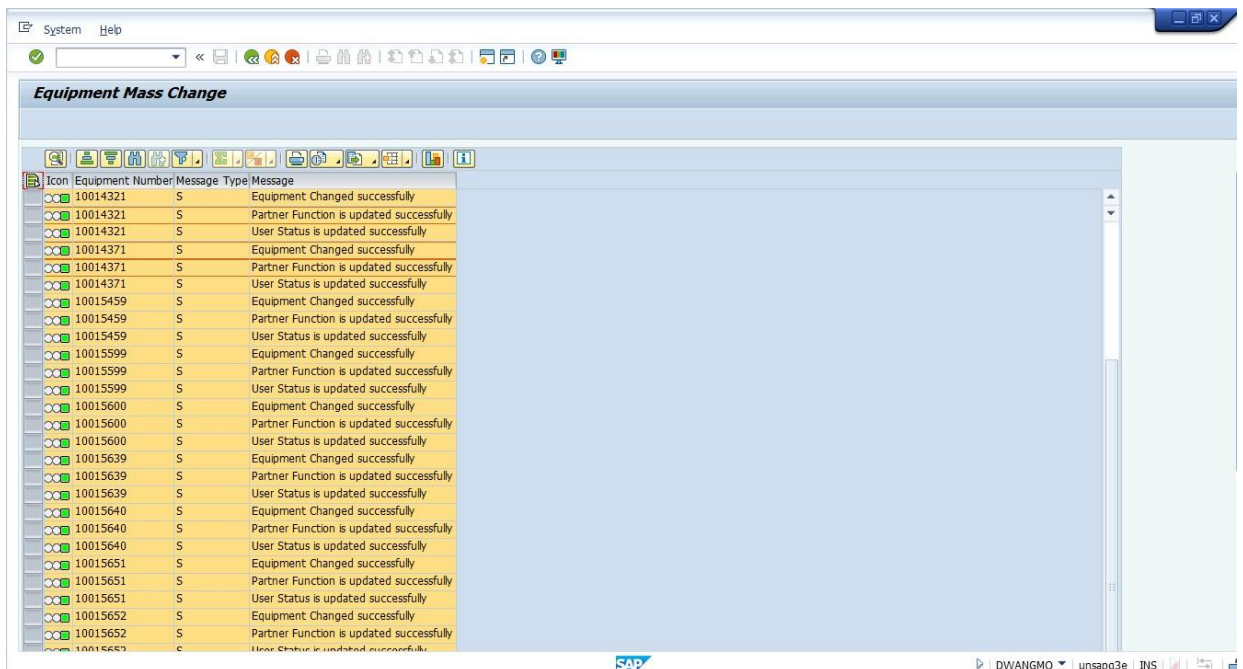
## 4. Other Mandatory Field Update



# Job Aid: Equipment Mass Change

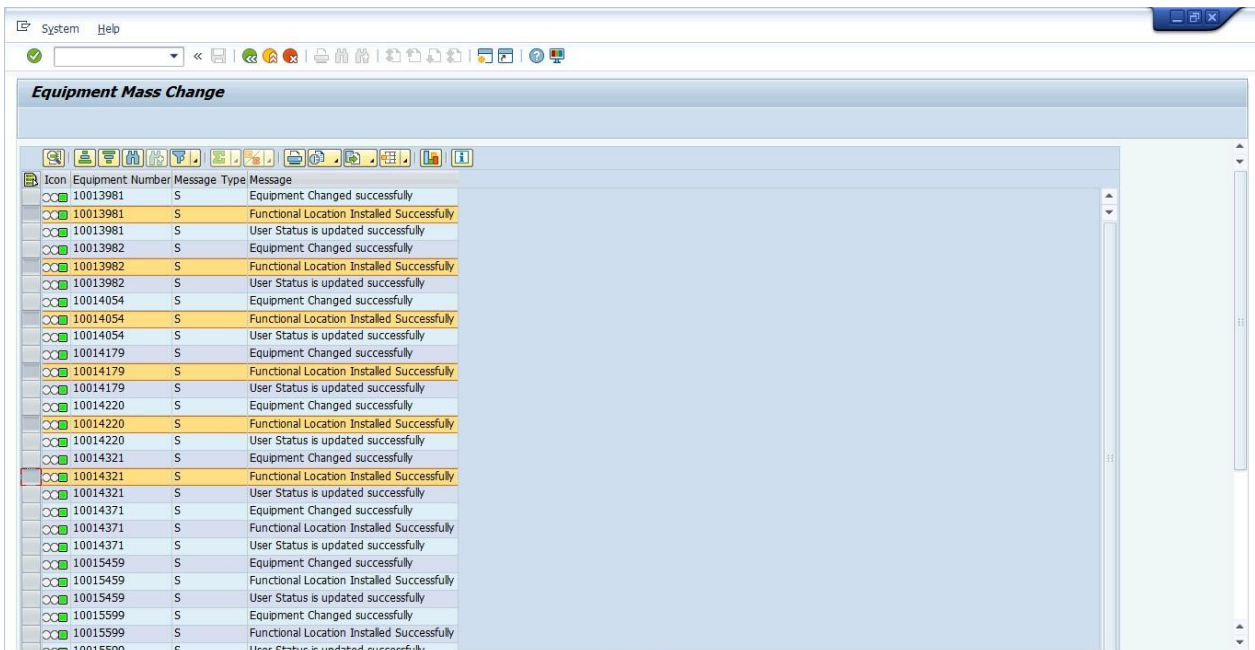


## 5. Optional Field Update



6. If the Functional location field on the equipment master record is blank and functional location field in the source file has value, the program will treat this scenario as "Functional location Installation" and message confirming "installation can be performed successful" will display.

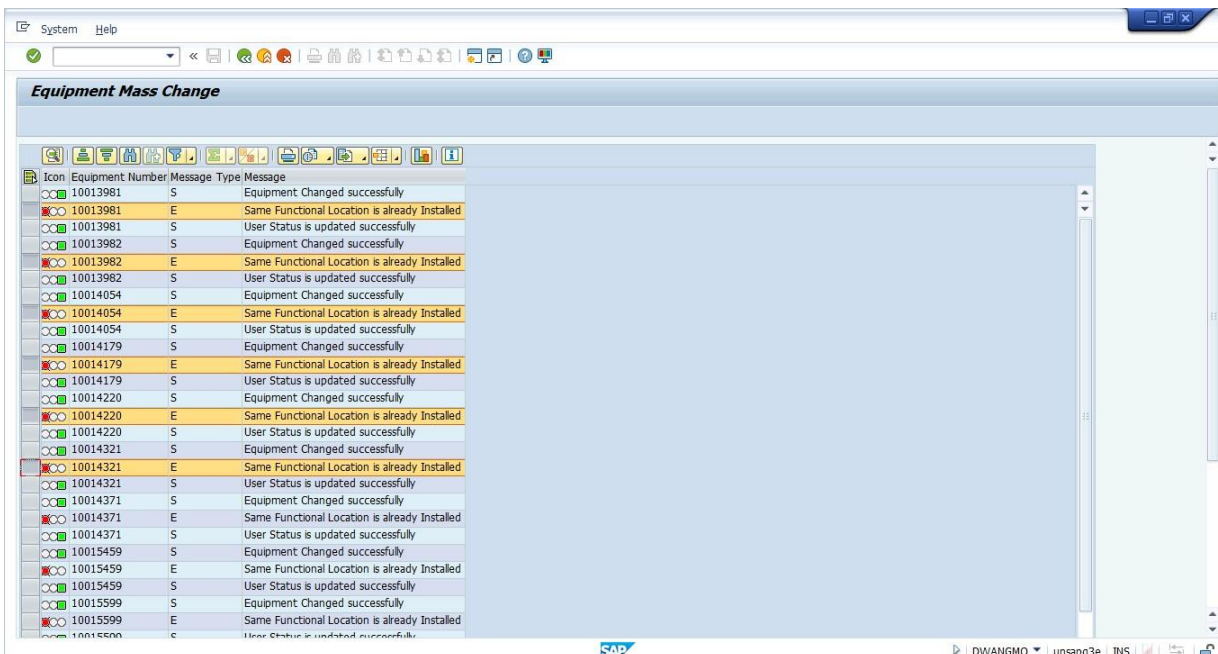
## Job Aid: Equipment Mass Change



The screenshot shows the SAP 'Equipment Mass Change' interface. The main window displays a list of messages with columns for Icon, Equipment Number, Message Type, and Message. The messages are as follows:

Icon	Equipment Number	Message Type	Message
○	10013981	S	Equipment Changed successfully
○	10013981	S	Functional Location Installed Successfully
○	10013981	S	User Status is updated successfully
○	10013982	S	Equipment Changed successfully
○	10013982	S	Functional Location Installed Successfully
○	10013982	S	User Status is updated successfully
○	10014054	S	Equipment Changed successfully
○	10014054	S	Functional Location Installed Successfully
○	10014054	S	User Status is updated successfully
○	10014179	S	Equipment Changed successfully
○	10014179	S	Functional Location Installed Successfully
○	10014179	S	User Status is updated successfully
○	10014220	S	Equipment Changed successfully
○	10014220	S	Functional Location Installed Successfully
○	10014220	S	User Status is updated successfully
○	10014321	S	Equipment Changed successfully
○	10014321	S	Functional Location Installed Successfully
○	10014321	S	User Status is updated successfully
○	10014371	S	Equipment Changed successfully
○	10014371	S	Functional Location Installed Successfully
○	10014371	S	User Status is updated successfully
○	10015459	S	Equipment Changed successfully
○	10015459	S	Functional Location Installed Successfully
○	10015459	S	User Status is updated successfully
○	10015599	S	Equipment Changed successfully
○	10015599	S	Functional Location Installed Successfully
○	10015599	S	User Status is updated successfully

7. If the Functional location field on the equipment master record is same as functional location field in the source file, the program will treat this scenario as "Functional location Installation warning message will be displayed"; installation will not be pursued as equipment was already installed at same functional location

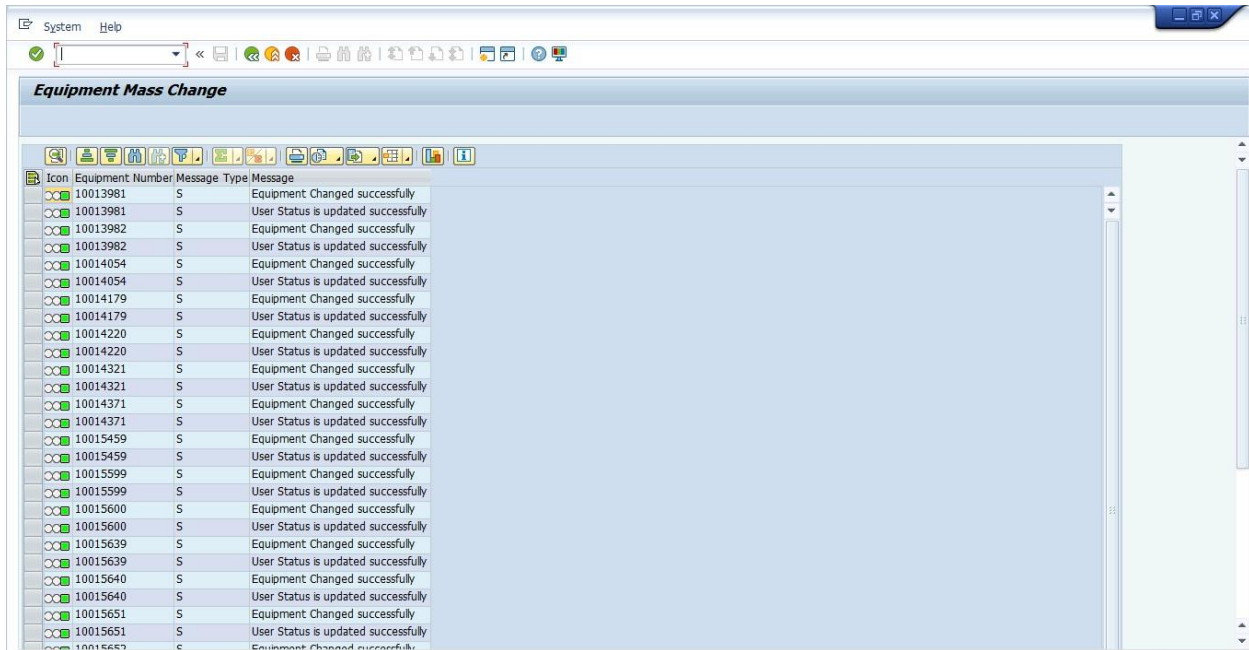


The screenshot shows the SAP 'Equipment Mass Change' interface. The main window displays a list of messages with columns for Icon, Equipment Number, Message Type, and Message. The messages are as follows:

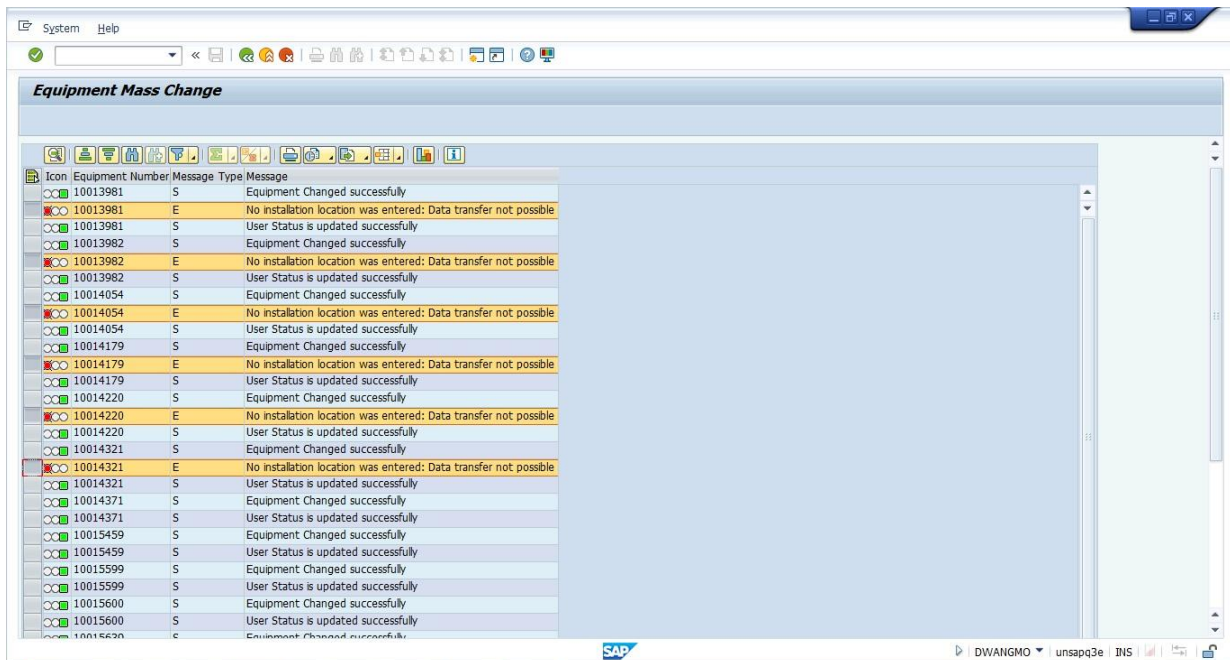
Icon	Equipment Number	Message Type	Message
○	10013981	S	Equipment Changed successfully
⊗	10013981	E	Same Functional Location is already Installed
○	10013981	S	User Status is updated successfully
○	10013982	S	Equipment Changed successfully
⊗	10013982	E	Same Functional Location is already Installed
○	10013982	S	User Status is updated successfully
○	10014054	S	Equipment Changed successfully
⊗	10014054	E	Same Functional Location is already Installed
○	10014054	S	User Status is updated successfully
○	10014179	S	Equipment Changed successfully
⊗	10014179	E	Same Functional Location is already Installed
○	10014179	S	User Status is updated successfully
○	10014220	S	Equipment Changed successfully
⊗	10014220	E	Same Functional Location is already Installed
○	10014220	S	User Status is updated successfully
○	10014321	S	Equipment Changed successfully
⊗	10014321	E	Same Functional Location is already Installed
○	10014321	S	User Status is updated successfully
○	10014371	S	Equipment Changed successfully
⊗	10014371	E	Same Functional Location is already Installed
○	10014371	S	User Status is updated successfully
○	10015459	S	Equipment Changed successfully
⊗	10015459	E	Same Functional Location is already Installed
○	10015459	S	User Status is updated successfully
○	10015599	S	Equipment Changed successfully
⊗	10015599	E	Same Functional Location is already Installed
○	10015599	S	User Status is updated successfully

8. If the Functional location field in the source file is blank, no update/message will be performed on the equipment master

## Job Aid: Equipment Mass Change



- If the Functional location field in the source file is populated with special character "/" and equipment record is not installed on any functional location, the program will give warning message as functional location field has no value to be removed.



- For equipment records that are already assigned to a BP partner type example ZV, this program allows to update the ZV partner with new value.

Before Mass Update:

# Job Aid: Equipment Mass Change

Table Entry Edit Goto System Help

✓ [Dropdown] << [Icons]

**IHPA: Display of Entries Found**

Table to be searched: IHPA Plant Maintenance: Partners

Number of hits: 48

Runtime: 0 Maximum no. of hits: 500

[Icons] Details

Object number	Partner Function	Typ	Partner	O	Created on	Created at	Created by	Changed on	Changed at
IE00000000010014179	ZV	IEQ	2000539799		13.09.2015	23:31:28	DWANGMO	13.09.2015	23:39:25
IE00000000010014220	ZV	IEQ	2000366808		12.08.2015	01:46:40	NN1EDEMML	13.09.2015	23:39:25
IE00000000010014321	ZV	IEQ	2000539799		13.09.2015	23:31:29	DWANGMO	13.09.2015	23:39:25
IE00000000010014371	ZV	IEQ	2000366808		13.09.2015	23:31:29	DWANGMO	13.09.2015	23:39:25
IE00000000010015459	ZV	IEQ	2000539799		21.08.2015	16:45:08	NN1EDEMML	13.09.2015	23:39:25
IE00000000010015599	ZV	IEQ	2000366808		21.08.2015	16:45:08	NN1EDEMML	13.09.2015	23:39:25
IE00000000010015600	ZV	IEQ	2000228745		21.08.2015	16:45:08	NN1EDEMML	21.08.2015	17:07:39
IE00000000010015639	ZV	IEQ	2000228745		21.08.2015	16:45:08	NN1EDEMML	21.08.2015	17:07:39
IE00000000010015640	ZV	IEQ	2000228745		21.08.2015	16:45:08	NN1EDEMML	21.08.2015	17:07:39
IE00000000010015654	ZV	IEQ	2000336527		17.03.2015	09:42:15	TKELETA	17.03.2015	09:42:15
IE00000000010015734	ZV	IEQ	2000381549		11.08.2015	20:06:26	NN1EDEMML	11.08.2015	20:06:26
IE00000000010015737	ZV	IEQ	2000381549		11.08.2015	20:06:26	NN1EDEMML	11.08.2015	20:06:26

Equipment Edit Goto Extras Structure Environment System Help

✓ [Dropdown] << [Icons]

**Change Equipment : Partner Assignme**

Class overview Measuring points/counters

Equipment: 10014179 Category: UN Owned Serialized

Description: COMPAQ [Intern.note]

Status: AVLB EQAS

Valid From: 13.09.2015 Valid To: 31.12.9999

Structure Warranty SerData Partner Assignment Op. Equipment

Partners

Funct	Partner	Name	A Address
Jaer Accountable	2000539799	Rinzin WANGCHUK	Rinzin WANGCHUK, Woo



# Job Aid: Equipment Mass Change

**Equipment Mass Change**

Icon	Equipment Number	Message Type	Message
🟢	10014179	S	Equipment Changed successfully
🟢	10014179	S	Partner Function is updated successfully
🟢	10014179	S	User Status is updated successfully
🟢	10014220	S	Equipment Changed successfully
🟢	10014220	S	Partner Function is updated successfully
🟢	10014220	S	User Status is updated successfully
🟢	10014321	S	Equipment Changed successfully
🟢	10014321	S	Partner Function is updated successfully
🟢	10014321	S	User Status is updated successfully
🟢	10014371	S	Equipment Changed successfully
🟢	10014371	S	Partner Function is updated successfully
🟢	10014371	S	User Status is updated successfully
🟢	10015459	S	Equipment Changed successfully
🟢	10015459	S	Partner Function is updated successfully
🟢	10015459	S	User Status is updated successfully
🟢	10015599	S	Equipment Changed successfully
🟢	10015599	S	Partner Function is updated successfully
🟢	10015599	S	User Status is updated successfully
🟢	10015600	S	Equipment Changed successfully
🟢	10015600	S	Partner Function is updated successfully
🟢	10015600	S	User Status is updated successfully
🟢	10015639	S	Equipment Changed successfully
🟢	10015639	S	Partner Function is updated successfully
🟢	10015639	S	User Status is updated successfully
🟢	10015640	S	Equipment Changed successfully
🟢	10015640	S	Partner Function is updated successfully
🟢	10015640	S	User Status is updated successfully

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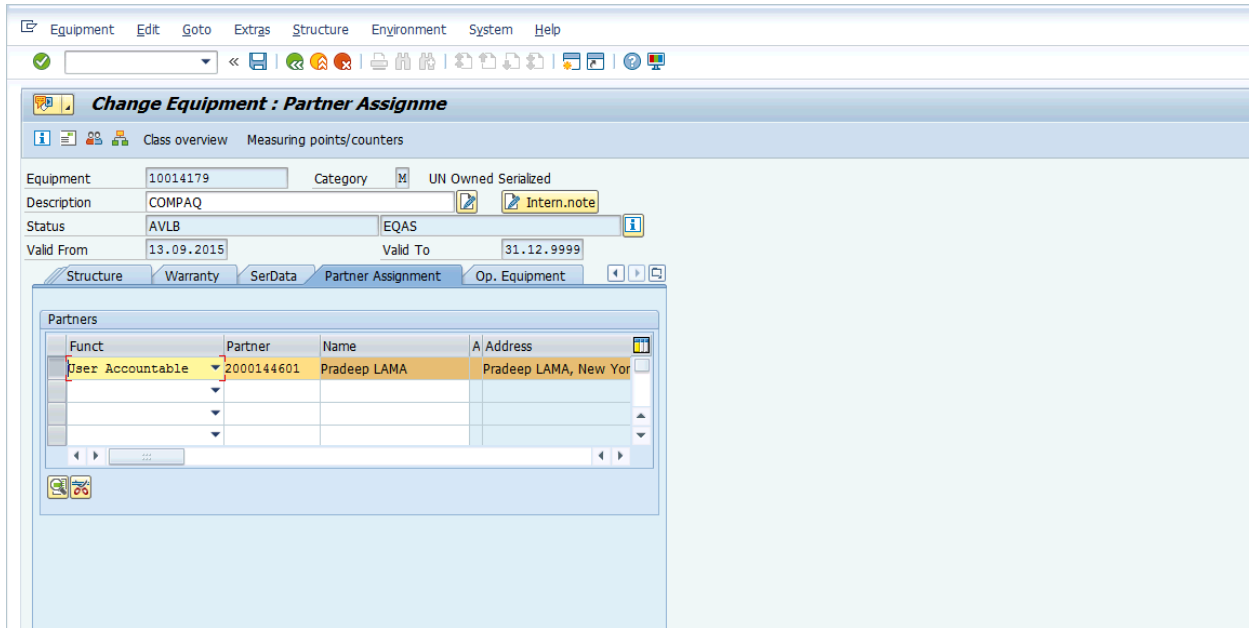
After Mass Update:

**IHPA: Display of Entries Found**

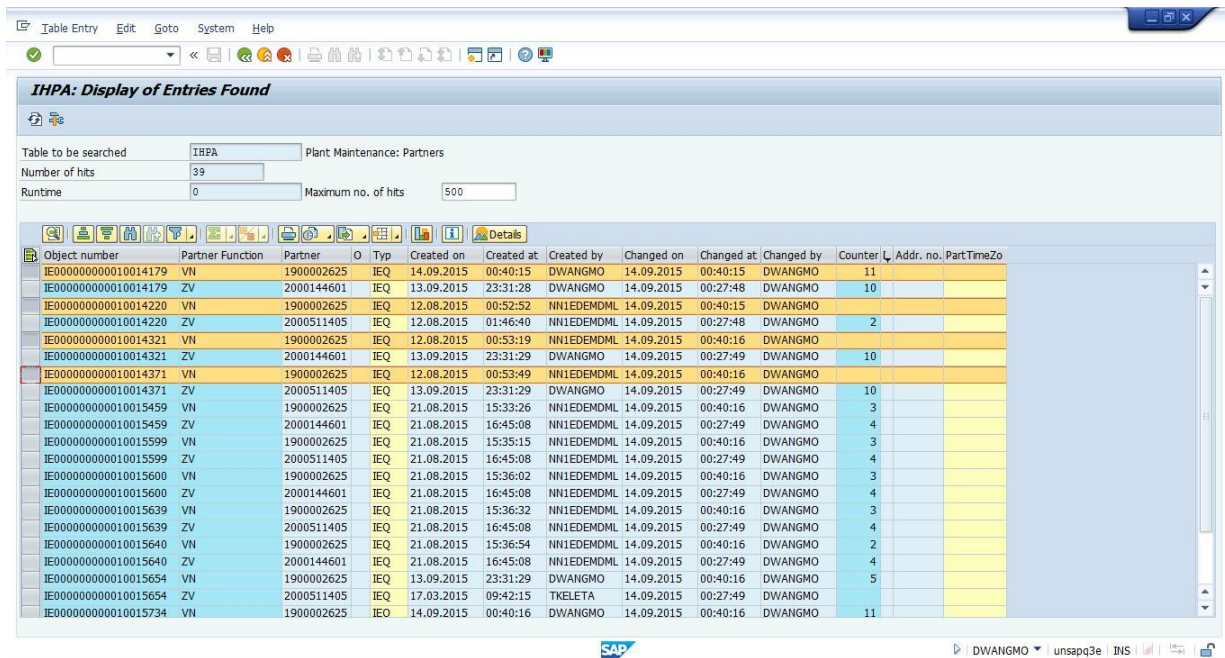
Table to be searched: IHPA Plant Maintenance: Partners  
 Number of hits: 36  
 Runtime: 0 Maximum no. of hits: 500

Object number	Partner Function	Partner	Typ	O	Created on	Created at	Created by	Changed on	Changed at
IE000000000010014179	ZV	2000144601	IEQ		13.09.2015	23:31:28	DWANGMO	14.09.2015	00:27:48
IE000000000010014220	ZV	2000511405	IEQ		12.08.2015	01:46:40	NN1EEMDML	14.09.2015	00:27:48
IE000000000010014321	ZV	2000144601	IEQ		13.09.2015	23:31:29	DWANGMO	14.09.2015	00:27:49
IE000000000010014371	ZV	2000511405	IEQ		13.09.2015	23:31:29	DWANGMO	14.09.2015	00:27:49
IE000000000010015459	ZV	2000144601	IEQ		21.08.2015	16:45:08	NN1EEMDML	14.09.2015	00:27:49
IE000000000010015599	ZV	2000511405	IEQ		21.08.2015	16:45:08	NN1EEMDML	14.09.2015	00:27:49
IE000000000010015600	ZV	2000144601	IEQ		21.08.2015	16:45:08	NN1EEMDML	14.09.2015	00:27:49
IE000000000010015639	ZV	2000511405	IEQ		21.08.2015	16:45:08	NN1EEMDML	14.09.2015	00:27:49
IE000000000010015640	ZV	2000144601	IEQ		21.08.2015	16:45:08	NN1EEMDML	14.09.2015	00:27:49
IE000000000010015654	ZV	2000511405	IEQ		17.03.2015	09:42:15	TKELETA	14.09.2015	00:27:49
IE000000000010015734	ZV	2000144601	IEQ		11.08.2015	20:06:26	NN1EEMDML	14.09.2015	00:27:49
IE000000000010015737	ZV	2000511405	IEQ		11.08.2015	20:06:26	NN1EEMDML	14.09.2015	00:27:49

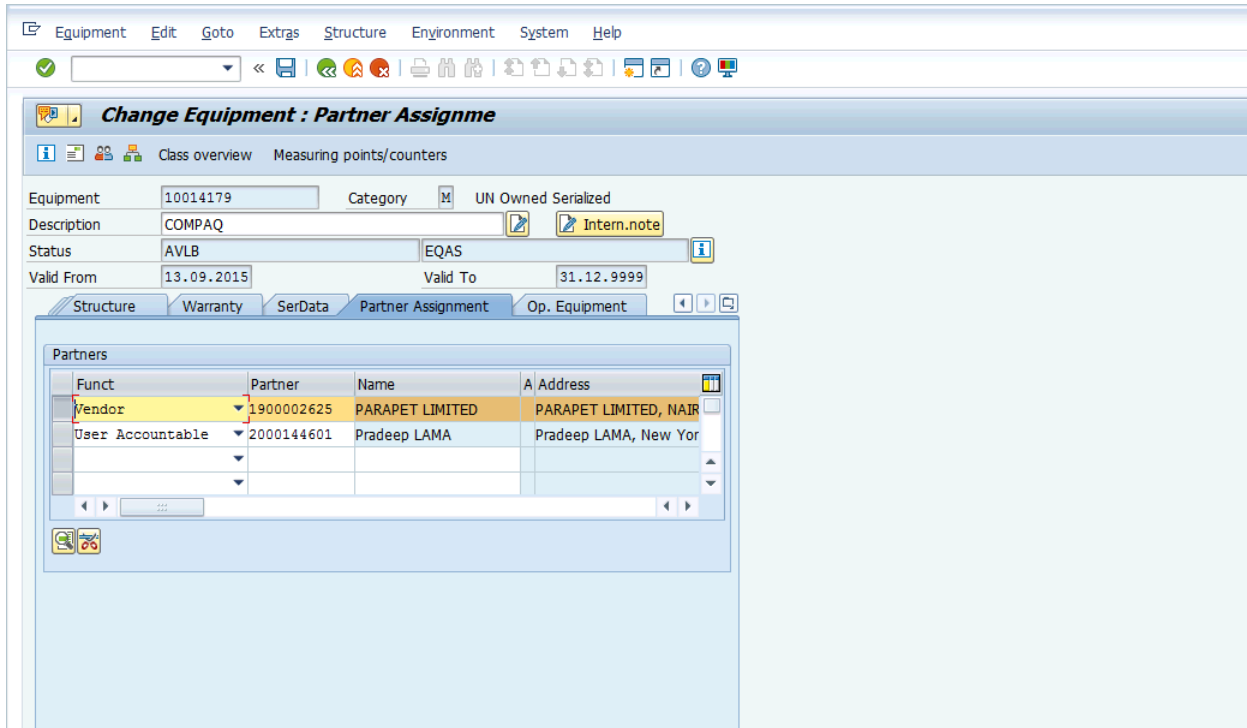
# Job Aid: Equipment Mass Change



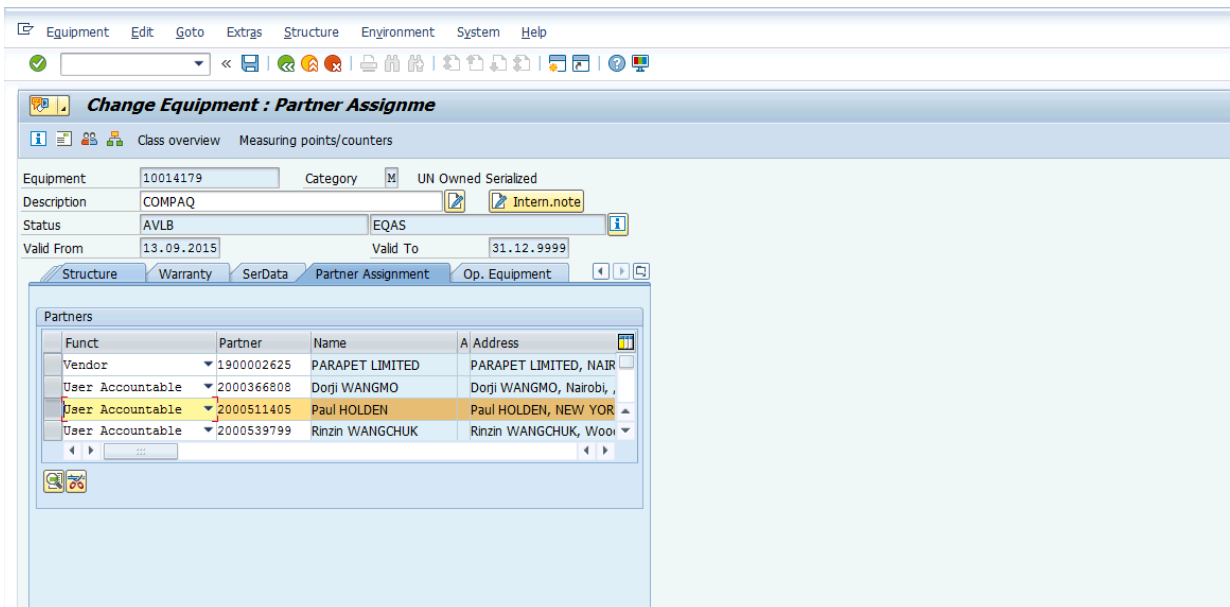
11. Equipment records are updated each with all partner types from input file, Equipment records are updated with additional business partner type VN



## Job Aid: Equipment Mass Change



12. When the equipment has multiple business partners for the same function (example ZV), in the input file, a new business partner with same business function as the ones maintained manually (e.g. ZV) and process file. Program finds that equipment record is assigned to multiple business partners of the same function (e.g. ZV); program will override the first business partner of the same function with value from input file i.e. program will search 1st partner and replace it with the BP from the source value. Every time Partner changed/added then system automatically sorts list of partner assigned to same partner function.



## Job Aid: Equipment Mass Change

13. If the user attempts to change unit of measurement of an existing active measuring point the program will generate error.

**Equipment Mass Change**

Icon	Equipment Number	Message Type	Message
	10003463	E	Change in Unit of Measurement is not allowed.
	10006967	E	Change in Unit of Measurement is not allowed.
	10006975	E	Change in Unit of Measurement is not allowed.
	10008464	E	Change in Unit of Measurement is not allowed.
	10010299	E	Change in Unit of Measurement is not allowed.
	10029938	E	Change in Unit of Measurement is not allowed.
	10028627	E	Change in Unit of Measurement is not allowed.

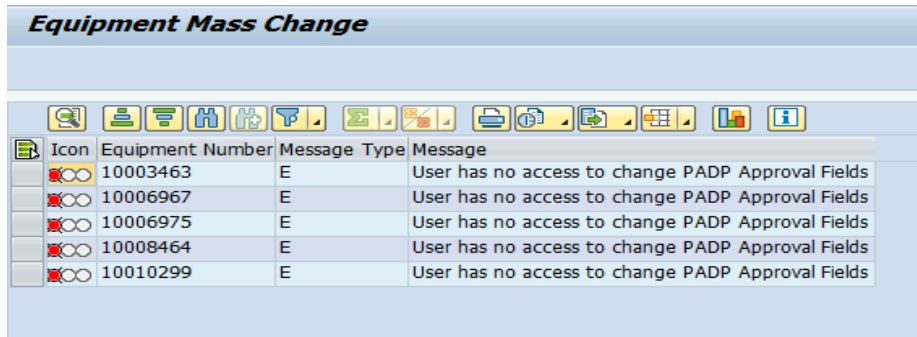
14. If annual estimate value is populated for a measuring point UoM (of an existing active measuring point), the program will update the value as in the screenshot below.

**Equipment Mass Change**

Icon	Equipment Number	Message Type	Message
	10003463	S	Equipment Changed successfully
	10003463	S	User Status is updated successfully
	10003463	S	Measuring Point#000000000279 updated with Annual Estimate value#60000 .
	10006967	S	Equipment Changed successfully
	10006967	S	User Status is updated successfully
	10006967	S	Measuring Point#000000000281 updated with Annual Estimate value#60000 .
	10006975	S	Equipment Changed successfully
	10006975	S	User Status is updated successfully
	10006975	S	Measuring Point#000000000282 updated with Annual Estimate value#60000 .
	10008464	S	Equipment Changed successfully
	10008464	S	User Status is updated successfully
	10008464	S	Measuring Point#000000000283 updated with Annual Estimate value#60000 .
	10010299	S	Equipment Changed successfully
	10010299	S	User Status is updated successfully
	10010299	S	Measuring Point#000000000280 updated with Annual Estimate value#60000 .

15. If a user with Equipment master data maintainer role (SD10 & SD11) attempts to update PADP approval fields, the program will generate error.

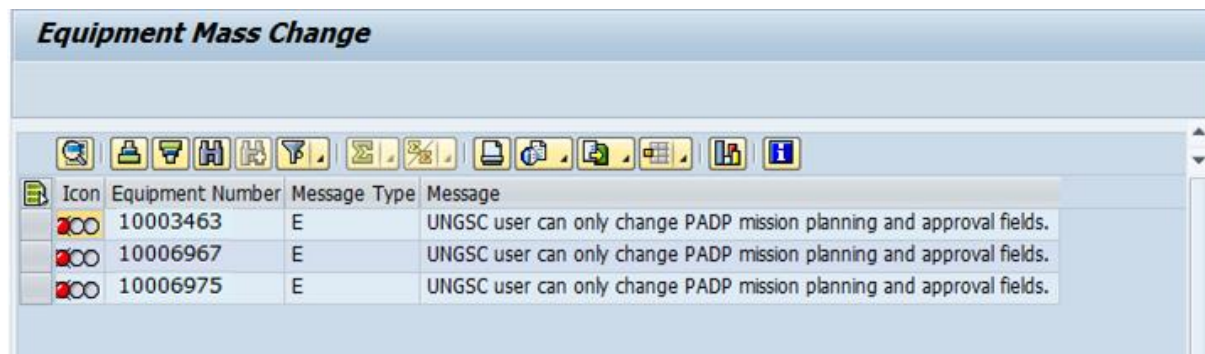
## Job Aid: Equipment Mass Change



**Equipment Mass Change**

Icon	Equipment Number	Message Type	Message
	10003463	E	User has no access to change PADP Approval Fields
	10006967	E	User has no access to change PADP Approval Fields
	10006975	E	User has no access to change PADP Approval Fields
	10008464	E	User has no access to change PADP Approval Fields
	10010299	E	User has no access to change PADP Approval Fields

16. If a user with PADP approver role (SD17) attempts to change any information other than the PADP fields, the program will generate error.  
(Note: However, it is still required to populate the mandatory fields (with no changes) for the program to execute successfully as mentioned in the “Important Tips” above)



**Equipment Mass Change**

Icon	Equipment Number	Message Type	Message
	10003463	E	UNGSC user can only change PADP mission planning and approval fields.
	10006967	E	UNGSC user can only change PADP mission planning and approval fields.
	10006975	E	UNGSC user can only change PADP mission planning and approval fields.

## II. Measurement Document Data

### Manual Creation of the Input File (Part I)

The load file for measurement document upload can be prepared manually or downloaded from an external system such as CarLog in a fixed format. A snapshot of the format for this file is as shown below:

# Job Aid: Equipment Mass Change

Equipment	Date of Measurement	Time of Measurement	Measurement Reading in Unit of Entry	Unit of Measurement	Read By	Measurement Document Text
Mandatory Char(18)	Mandatory DD/MM/YYYY	Mandatory HHMMSS	Mandatory Char(22)	Mandatory	Mandatory Char(12)	Optional Char(40)
10000012	09/01/2017	130505		1200 km	AJenes	
10000000	09/01/2017	130505		2500 hrs	AJenes	
10000023	09/01/2017	130505		3000 km	AJenes	
16191161	16/01/2017	104000		1500 hrs	Joe	
16191162	16/01/2017	104000		1500 hrs	Joe	
16181885	30/11/2016	130000		1000 hrs	Joe	
16181887	30/11/2016	130500		1500 km	Joe	
16181991	30/11/2016	131000		2000 hrs	Joe	

## Important Tips

Measuring point with the given UoM for the given equipment(s) must exist in the system.

This template can also be downloaded from the Job Aids page on iSeek or Unite Connections.

## Create the Text Input File

Copy data from the Excel file to a text file, make sure not to copy the headers.

## Important Tips

On copying data from the Template to a text file, **backspace** on the text file so the cursor is pointed to the last character in the text file. Save the text file on the local device.

## Step-by-Step Instructions to Run Equipment Mass Change Utility (Part II)

1. Enter **ZPMEQUICHANGE** transaction in the **Command** field and click the **Enter** icon
2. Process this input text file via custom transaction code (**ZPMEQUICHANGE**). Select the option "Measurement Document Data" and the checkbox for "Test Mode". In simulation mode program will give appropriate message based on authorization or missing mandatory fields. All fields will be validated and if any error then it will be displayed in output.

## Job Aid: Equipment Mass Change

### Equipment Mass Change

Test Mode

Equipment Master Data Change &/or Measuring Point Creation/Change

File Path   
 Background Processing  
 Background File Path   
 File Name

Measurement Document data

File Path    
 Background Processing  
 Background File Path   
 File Name

### Equipment Mass Change

Icon	Equipment Number	Message Type	Message
	10028627	S	No issues found
	10008464	S	No issues found
	10006975	S	No issues found
	10006967	S	No issues found
	10010299	S	No issues found
	10003463	S	No issues found
	10029938	S	No issues found
	10028356	S	No issues found
	10007064	S	No issues found
	10007066	S	No issues found
	10028351	S	No issues found

- Again, process this input text file via custom transaction code (**ZPMEQUICHANGE**). This time **Uncheck** the checkbox for "Test Mode".

### Equipment Mass Change

Test Mode

Equipment Master Data Change &/or Measuring Point Creation/Change

File Path   
 Background Processing  
 Background File Path   
 File Name

Measurement Document data

File Path   
 Background Processing  
 Background File Path   
 File Name

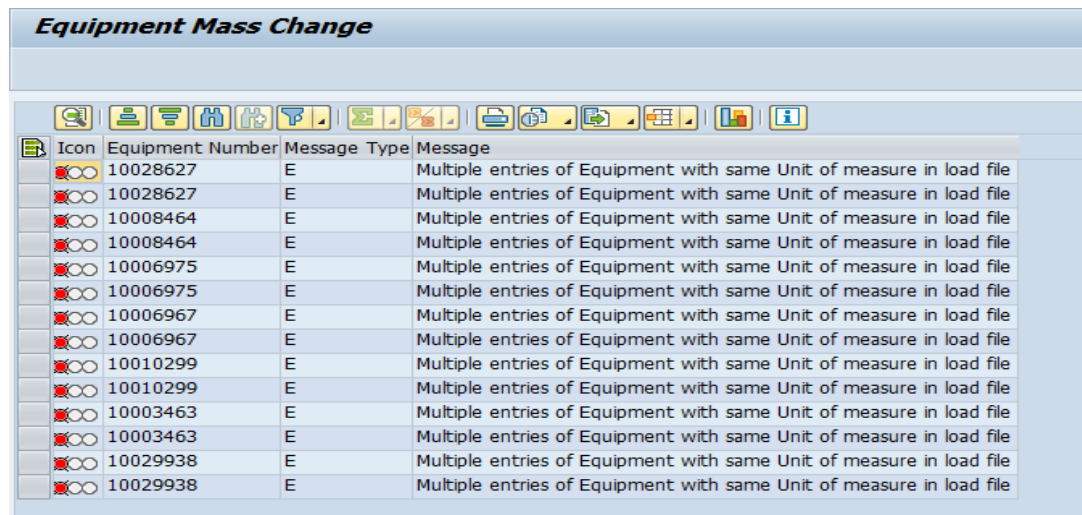
# Job Aid: Equipment Mass Change

## Result/Output

Program will do basic validation and create measurement documents as per information available in source file.

## Additional Information

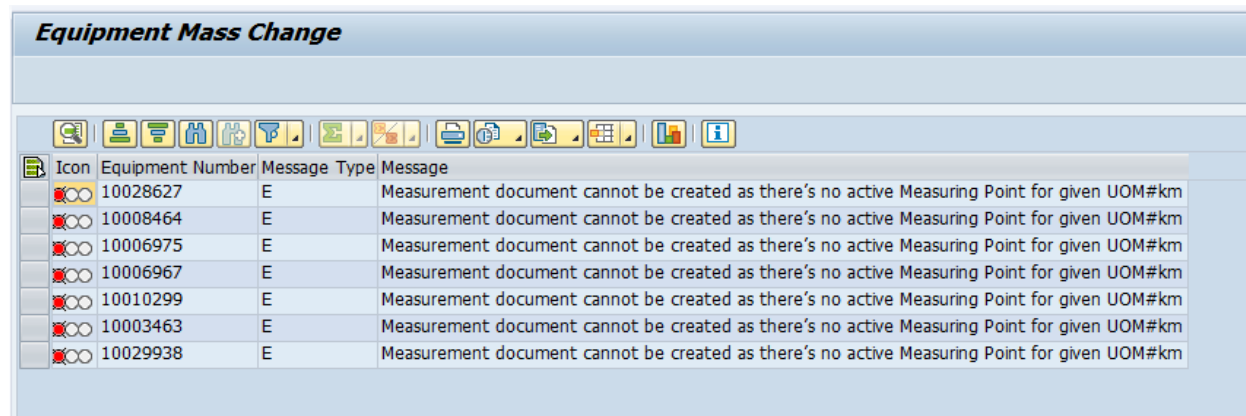
1. The program does not allow creation of more than one measurement document for a unique combination of equipment and UoM per load file. It will generate error when multiple entries for the same equipment and UoM are found in the load file.



The screenshot shows the 'Equipment Mass Change' application window. It features a toolbar with various icons and a table with the following data:

Icon	Equipment Number	Message Type	Message
	10028627	E	Multiple entries of Equipment with same Unit of measure in load file
	10028627	E	Multiple entries of Equipment with same Unit of measure in load file
	10008464	E	Multiple entries of Equipment with same Unit of measure in load file
	10008464	E	Multiple entries of Equipment with same Unit of measure in load file
	10006975	E	Multiple entries of Equipment with same Unit of measure in load file
	10006975	E	Multiple entries of Equipment with same Unit of measure in load file
	10006967	E	Multiple entries of Equipment with same Unit of measure in load file
	10006967	E	Multiple entries of Equipment with same Unit of measure in load file
	10010299	E	Multiple entries of Equipment with same Unit of measure in load file
	10010299	E	Multiple entries of Equipment with same Unit of measure in load file
	10003463	E	Multiple entries of Equipment with same Unit of measure in load file
	10003463	E	Multiple entries of Equipment with same Unit of measure in load file
	10029938	E	Multiple entries of Equipment with same Unit of measure in load file
	10029938	E	Multiple entries of Equipment with same Unit of measure in load file

2. If measuring point does not exist for the given combination of equipment and UoM in the load file, error message will be generated.



The screenshot shows the 'Equipment Mass Change' application window. It features a toolbar with various icons and a table with the following data:

Icon	Equipment Number	Message Type	Message
	10028627	E	Measurement document cannot be created as there's no active Measuring Point for given UOM#km
	10008464	E	Measurement document cannot be created as there's no active Measuring Point for given UOM#km
	10006975	E	Measurement document cannot be created as there's no active Measuring Point for given UOM#km
	10006967	E	Measurement document cannot be created as there's no active Measuring Point for given UOM#km
	10010299	E	Measurement document cannot be created as there's no active Measuring Point for given UOM#km
	10003463	E	Measurement document cannot be created as there's no active Measuring Point for given UOM#km
	10029938	E	Measurement document cannot be created as there's no active Measuring Point for given UOM#km

3. When the equipment has two active measuring points and the load file contains one entry for each of the UoM, the program will create two measurement documents (one for each measuring point / UoM).



## Job Aid: Equipment Mass Change

<b>Equipment Mass Change</b>			
Icon	Equipment Number	Message Type	Message
	10014517	S	Measuring Document successfully created. Doc#184
	10014517	S	Measuring Document successfully created. Doc#185
	10014518	S	Measuring Document successfully created. Doc#186
	10014518	S	Measuring Document successfully created. Doc#187
	10039617	S	Measuring Document successfully created. Doc#188
	10039617	S	Measuring Document successfully created. Doc#189
	10041370	S	Measuring Document successfully created. Doc#190
	10041370	S	Measuring Document successfully created. Doc#191
	10041393	S	Measuring Document successfully created. Doc#192
	10041393	S	Measuring Document successfully created. Doc#193
	10103742	S	Measuring Document successfully created. Doc#194
	10103742	S	Measuring Document successfully created. Doc#195

- Decimal point readings are not allowed for measurement documents. Users will be prompted with an error message if the load file contains decimal value.

<b>Equipment Mass Change</b>			
Icon	Equipment Number	Message Type	Message
	10028627	E	Invalid measuring value: Please use whole number, without decimals
	10008464	E	Invalid measuring value: Please use whole number, without decimals
	10006975	E	Invalid measuring value: Please use whole number, without decimals
	10006967	E	Invalid measuring value: Please use whole number, without decimals
	10010299	E	Invalid measuring value: Please use whole number, without decimals
	10003463	E	Invalid measuring value: Please use whole number, without decimals
	10029938	E	Invalid measuring value: Please use whole number, without decimals