



## Configuring Master Data Governance for Utopia EAM Solutions for MDG™

CUSTOMER  
Document Version: 730 v1.0



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Icon	Meaning
	Caution
	Example
	Note
	Recommendation
	Syntax

Additional icons are used in SAP Library documentation to help you identify different types of information at a glance. For more information, see *Help on Help → General Information Classes and Information Classes for Business Information Warehouse* on the first page of any version of *SAP Library*.

For the purposes of simplification, the Utopia EAM Solution for MDG™ will also be referred to as Master Data Governance for EAM or MDG for EAM at points throughout this configuration guide.

## Typographic Conventions

Type Style	Description
<i>Example text</i>	Words or characters quoted from the screen. These include field names, screen titles, pushbuttons labels, menu names, menu paths, and menu options. Cross-references to other documentation.
<b>Example text</b> EXAMPLE TEXT	Emphasized words or phrases in body text, graphic titles, and table titles. Technical names of system objects. These include report names, program names, transaction codes, table names, and key concepts of a programming language when they are surrounded by body text, for example, SELECT and INCLUDE.
Example text	Output on the screen. This includes file and directory names and their paths, messages, names of variables and parameters, source text, and names of installation, upgrade and database tools.
<b>Example text</b>	Exact user entry. These are words or characters that you enter in the system exactly as they appear in the documentation.
<Example text>	Variable user entry. Angle brackets indicate that you replace these words and characters with appropriate entries to make entries in the system.
EXAMPLE TEXT	Keys on the keyboard, for example, F2 or ENTER.

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## Document History

The following table provides an overview of the most important document changes and approvals.

**Table 1 Document Change History**

Version	Date	Description	Name
1.0	01/12/2016	Initial Version	Lyle Snyder

## Configuring Master Data Governance for Utopia EAM Solutions for MDG™

To use SAP Master Data Governance (MDG) for Utopia EAM Solutions for MDG™, you need to carry out the steps described below.

### Prerequisites

#### *Business Function*

You have activated the following business functions:

- Master Data Governance, Generic Functions (MDG\_FOUNDATION)
- Master Data Governance, Generic Functions 2 (MDG\_FOUNDATION\_2)
- Master Data Governance, Generic Functions 3 (MDG\_FOUNDATION\_3)
- Master Data Governance, Generic Functions 7.0 (MDG\_FOUNDATION\_4)
- Master Data Governance, Generic Functions 7.0 Feature Set (MDG\_FOUNDATION\_5)
- Master Data Governance, Generic Functions 8.0 (MDG\_FOUNDATION\_6)

Below mentioned business function is relevant for customers who would like to make use of the enhancement for Linear Asset Management (LAM) in the Utopia EAM Solution for MDG™ 7.30

- Business Function for MDG EAM LAM Model (/UGI/MDG\_EAM\_LAM\_01)

## SAP Library

Before you activate the business functions, ensure that you have the administration authorization for MDG. The required authorization objects are delivered with the authorization role SAP\_MDG\_ADMIN. In transaction PFCG, we recommend creating a copy of this role and assigning the relevant authorization values. For the authorization object USMD\_DM *Data Model* you need to assign the values for the authorization field USMD\_MODEL *Data Model* (for example U1) and the values for the authorization activity ACTVT *Activity* (for example 01: Create or generate, or 02: Change).

### *Functional Location Alternative Labeling*

Verify that Functional Location Alternative Labeling is in the status that you require.

1. Inactive (status 1).

Transaction code is OIPU. If it is active, it can be set back to inactive, if so desired. The necessary steps are described in SAP Note [359186](#).

2. Active (status 2) see [Activate Alternative Labeling](#) [Page 40]

### *Set Up Workflow*

To use the workflow processes of MDG for Utopia EAM Solutions for MDG™, you have defined general settings for [SAP Business Workflow \[Extern\]](#) in Customizing for SAP NetWeaver under **▶ Application Server ▶ Business Management ▶ SAP Business Workflow ▶**.

To activate the workflow features, use the semi-automated configuration in transaction SWU3. You can also access these settings in Customizing under **▶ SAP NetWeaver ▶ Application Server ▶ Business Management ▶ SAP Business Workflow ▶ Maintain Standard Settings ▶**

For further information, see the documentation for the Configuration activity. Note the following when maintaining the settings:

- When configuring the RFC destination, you need super user authorization to create the default WF-BATCH user.
- Regenerate the authorization profile for SAP\_ALL or include the USMD\* authorization objects into the authorizations of the user WF-Batch.
- For the *Check Entries from HR Control Tables* section you may need to execute report RHSOBJCH in transaction SE38 and keep the default settings.
- Maintain the prefix numbers for the standard objects.
- You do not need to maintain the Web Server node and Guided Procedures section.

### *Setup Search*

This release of Utopia EAM Solutions for MDG™ uses the standard MDG database search. The database search is already enabled within the MDG System. No further set up action is required.

### *Adjust Profile Parameters*

Ensure that the profile parameter size for the *Shared Objects Memory* is correct. To check this setting run transaction RZ11 and verify that the value for parameter abap/shared\_objects\_size\_MB is at least 300 megabytes.

If you want to use the *SAP NetWeaver Business Client* with single sign on (SSO), ensure that the parameters login/create\_sso2\_ticket (2) and login/accept\_sso2\_ticket (1) are set correctly.

## SAP Library

Use transaction RZ11 to check that the host name is fully qualified for parameter icm/host\_name\_full.

## User Roles

In order to successfully conduct the next steps in the configuration process, you must have the following user roles assigned in the *PFCG* transaction:

- SAP\_MDGA\_MENU – Master Data Governance: Analytics
- SAP\_MDG\_ADMIN – Master Data Governance: Administrator

This role contains authorizations for basic tasks relevant to the configuration and administration of SAP Master Data Governance (MDG) for all domains. Some authorizations allow critical activities. If you have multiple users involved in the configuration and administration of MDG content, we recommend you split this role into several new roles and give each new role a subset of the authorizations for this role. Such an approach ensures users only complete tasks they are responsible for and reduces the risk of critical errors. Authorizations for the MDG transactions are not included in this role.

- /UGI/\_MDGEAM\_ALLUSR – Master Data Governance for EAM: Basic Access
- /UGI/\_MDGEAM\_ECC\_PM – Authorizations required for maintenance of Technical Objects in ECC Backend System
- /UGI/\_MDGEAM\_REQ – Master Data Governance for EAM: Requester
- /UGI/\_MDGEAM\_SPEC – Master Data Governance for EAM: Specialist
- /UGI/\_MDGEAM\_STEW – Master Data Governance for EAM: Data Steward

The role below is an optional front end to the ECC transaction for Task List component allocation. This is a merely a front end and is not MDG governed.

- /UGI/\_NONMDG\_TSKLST - Master Data Governance for EAM: Change Task List (Non-MDG)

Below mentioned roles are relevant for customers who would like to implement Linear Asset Management (LAM) enhancements for Utopia EAM Solution for MDG™ 7.30

- UGI/\_MDGEAM\_REQ\_LAM – Master Data Governance for EAM-LAM: Requester
- /UGI/\_MDGEAM\_SPEC\_LAM – Master Data Governance for EAM-LAM: Specialist
- /UGI/\_MDGEAM\_STEW\_LAM – Master Data Governance for EAM-LAM: Data Steward

Ensure that your users have either the new “LAM” or the “non-LAM” roles assigned, **but not both**.

## Web Dynpro Applications

For security reasons the services delivered for Web Dynpro applications are delivered in an inactive state. You must activate the services you want to use. Use transaction SICF to activate the services. For a detailed list of the relevant services, see [Services to be activated for Web Dynpro Applications \[Extern\]](#).

## Number Ranges

Review the number range of the object EQUIP\_NR. For the Harmonized key Scenario the number range in the receiving system should be set to external if the equipment data is being sent via IDOC/ALE

## SAP Library

Review and maintain the number range of the object MPLA\_NR for interval 01. Also maintain the grouping for Maintenance Plan category.

Review and maintain the number range of the object MPOS\_NR for interval 01.

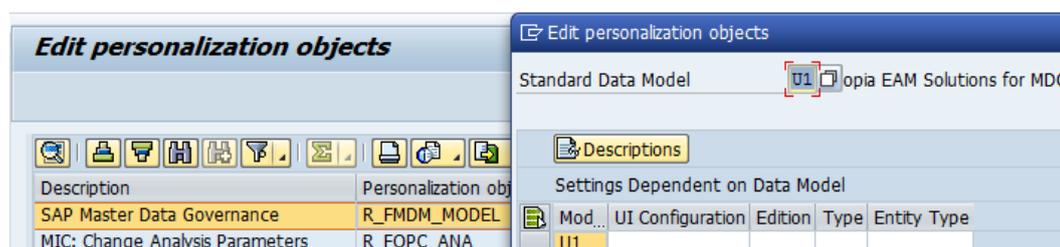
Review and maintain the number range of the object /UGI/MDGMI for interval 01.

## GenIL (Generic Interaction Layer) Component Adjustments

A GenIL Component is added for all EAM objects.

Check for the Component /UGI/1 in the tcode GENIL\_MODEL\_BROWSER in display mode, to make sure the Component is present and shows no errors.

Ensure that the Data Model U1 is the Standard Data Model for the Personalization Parameters R\_FMDM\_MODEL. Use T-code SPERS\_MAINT or personalization for UserID (T-Code SU01) to check the parameter. If it is not the default, enter U1 as the default and save.



In case you use the Shared Memory for genIL actively, implement the following SAP Notes:

- [2096979](#) MDG: New MDG UIs cause short dumps if Shared Memory is active (3)
  - Reset the shared memory area for genIL using transaction SHMM following note application
- [2045072](#) MDG: New MDG UIs cause short dumps if Shared Memory is active
  - specifically follow the manual instructions for the following Message Types:
    - Create Text Messages
    - Create Error Messages
- [2062895](#) MDG: New MDG UIs cause short dumps if Shared Memory is active (2)
  - Reset the shared memory area for genIL using transaction SHMM following note application

## Prerequisite SAP Notes

In order to ensure that Data Replication Framework works as expected, below SAP Notes is mandatory.

- [2156730](#) Replication of custom objects trigger by CR activation: Mapping MDG key to DRF key

Below OSS notes are mandatory to ensure general classification works as expected.

- [2052927](#) Dump MESSAGE\_TYPE\_X occurs during search of materials
- [2086503](#) Classification starts closed in edit mode even no change num
- [2096182](#) Entity type for IF\_USMD\_PP\_ACCESS~READ\_VALUE

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- [2100818](#) Entity type for IF\_USMD\_PP\_ACCESS~READ\_VALUE 2
- [2117752](#) Active data not found in reuse active area
- [2097465](#) Downport Access Class Skeleton Classification
- [2123019](#) MDG: Existence check in method READ\_PP with different reuse
- [2125421](#) Usability of class CL\_MDG\_BS\_CLF\_ACCESS\_GEN
- [2134652](#) Enhancement for CL\_MDG\_BS\_CLF\_ACCESS\_GEN
- [2156520](#) Remove change management from generic access class
- [2339897](#) FilterBar ValueHelp: Dump if selection attributes contain va
- [2345042](#) SearchHelp: Callstep RETTOP not executed
- [2378431](#) IE11 bug: OVS popup doesn't show result table

Below mentioned are mandatory for customers who would like to implement Utopia EAM Solution for MDG™ 7.30 Linear Asset Management (LAM)

- [2041913](#) EAM LAM: No long text display
- [2073533](#) Incorrect change documents in case of linear characteristics
- [2086363](#) Preparatory note for SAP Note [2086362](#)
- [2086362](#) Function modules for linear data for characteristics
- [2087238](#) Error when reading linear characteristic values
- [2134901](#) Linear data in ALV lists restricted to three decimal places

### OSS Notes for Maintenance Plan and Task List

Below OSS notes are mandatory to ensure that maintenance item, plan, and task list can be handled in change requests and data replication:

- [2325969](#) Downport OTC / OITC for maintenance plan and task list
- [2344161](#) Object Type Code / Object Identifier Type Code for Maintenance Item
- [2371745](#) MPLAN\_CREATE API cannot use unit Hour in cycle
- [2406060](#) Missing MDG Key Structures
- [2407544](#) Setting BOR EAM\_MTI to release status
- [2388307](#) TL API: Unable to update Task list with future date

**Prerequisite notes for Work Center:**

- [2097796](#) API for Work center maintenance
- [2228698](#) API: Work center data are not updated/deleted correctly
- [2103192](#) DUMP when error message CR 349 is raised in the back ground
- [2323691](#) Deletion and lock flag of work center cannot be changed by

**Prerequisite notes for HANA Search:**

- [2322164](#) Syntax error while duplicate check
- [2339248](#) HANA Fuzzy search cannot be executed in bridge
- [2337862](#) HANA search view generation won't allow partners to
- [2340371](#) Copy of HANA Search View does not work(MDG\_HDB\_GEN\_UI)

**Prerequisite BC Set activation**

In order to ensure that IDocs triggered by Data Replication Framework for Functional Location objects are posted successfully in target system in either MDG HUB or Co-deploy scenarios, activation of below mentioned BC set in target system is mandatory, provided the UGI3 software component version is installed. For UGI3 dependency details please refer to installation guide.

- Go to SCPR20, enter /UGI3/EAM\_IDOC\_INB\_PROCESSCODE for BC set input field
- choose *Activate* (  )

Below mentioned BC set activation is relevant for customers, who would like to implement Utopia EAM Solution for MDG™ 7.30 Linear Asset Management (LAM)

- Go to SCPR20 and activate BC set /UGI/MDG\_EAM\_LAM\_USMD001.
- Activate data model in customizing under ► Cross-Application Components ► Processes and Tools for Enterprise Applications ► Master Data Governance ► Edit Data Model. Or enter ECC transaction code MDGIMG.
- Now activate BC set /UGI/MDG\_EAM\_LAM\_USMD004 by clicking activate button (  )
- Run the activity in customizing for Master Data Governance under ► General Settings ► Data Modeling ► Generate Data Model-Specific Structures. Select the U1 data model  
Check the structures and regenerate them.

Manual corrections are needed for setting up UI navigations. Details of the activity is mentioned in section [3 - Link Log. Actions with UI Application and Bus. Act.: Standard Definition](#)

Below mentioned BC set activation is relevant for customers, who would like to implement Side Panel Add - On display in the UI screen.

- Go to SCPR20 and activate (  ) BC set /UGI/MDG\_EAM\_SIDE\_PANEL\_ALL.

## SAP Library

Below mentioned Switches are relevant for customers, who would like to implement Utopia EAM Solution for MDG™ 7.30 for Measuring Point.

- Go to transaction code SFW5 and active switches LOG\_EAM\_CI\_1 and LOG\_EAM\_SIMPLICITY.

## BC Set for HANA Search

**The below mentioned BC Sets need to be activated if the customer is willing to enable HANA search for EAM Objects:**

- Go to SCPR20 and activate (  ) BC set /UGI/MDG\_EAM\_VC\_HDB\_PP\_FMAP\_730(Join and Mapping Information)
- Go to SCPR20 and activate (  ) BC set /UGI/MDG\_EAM\_VC\_MDGHDB001\_730(HANA Search View)
- Go to SCPR20 and activate (  ) BC set /UGI/MDG\_EAM\_VC\_DQ\_SEARCH\_C\_730(Match profiles and Search Configuration)

Generate the HANA Search view with Tcode MDG\_HDB\_GEN\_UI

**If the Customer has LAM Functionality activate below four BC Sets Needs to be activated:**

- Go to SCPR20 and activate (  ) BC set /UGI/MDG\_EAM\_VC\_HDB\_PP\_FMAP\_730(Join and Mapping Information)
- Go to SCPR20 and activate (  ) BC set /UGI/MDG\_EAML\_VC\_HDB\_PP\_FMAP\_730 (Join and Mapping Info for LAM attributes)
- Go to SCPR20 and activate (  ) BC set /UGI/MDG\_EAML\_VC\_MDGHDB001\_730(HANA Search Views for LAM Attributes)
- Go to SCPR20 and activate (  ) BC set /UGI/MDG\_EAM\_VC\_DQ\_SEARCH\_C\_730(Match profiles and Search Configuration)

Generate the HANA Search view with Tcode MDG\_HDB\_GEN\_UI

If the customers would like to use Data Import Framework for EAM objects below BC set needs to be activated.

- Go to SCPR20 and activate (  ) BC set /UGI/MDG\_EAM\_DIF\_730 (Utopia MDG EAM Data Transfer BC set)

For customers using MDG Hub and replicating Functional Location EAM object to target system, below configuration for Business Transaction Event (BTE) should be maintained in Hub and target system.

### In Hub System,

- Go to transaction SM30 and enter table 'TBE31' and click on maintain.
- Click on New Entries and add below listed entry and save

Event	Country	Application	Function Module
CLF00100		PM	/UGI/EAM_MAP_FLOC_INT_EXT

**In Target systems,**

- Go to transaction SM30 and enter table 'TBE31' and click on maintain.
- Click on New Entries and add below listed entry and save

Event	Country	Application	Function Module
CLF00200		PM	/UG13/EAM_MAP_FLOC_EXT_INT

## Process

This process describes the minimal set of customizing steps and recommended check activities required to do the following:

### Common to all object:

- Mixed/Multi Object Processing
- File Upload /Download

### uEQUIP™ for MDG – Utopia Equipment Master for Master Data Governance

- Create Equipment
- Change Equipment
- Mark Equipment for Deletion
- Process Multiple Equipment

### uFLOC™ for MDG – Utopia Functional Location Master for Master Data Governance

- Create Functional Location
- Change Functional Location
- Mark Functional Location for Deletion
- Process Multiple Functional Locations

### uMROBOM™ for MDG – Utopia MRO Bill of Material Master for Master Data Governance

- Create MRO Bill of Material
- Change MRO Bill of Material
- Mark MRO Bill of Material for Deletion
- Process Multiple MRO Bill of Materials

### uMSRPTS™ for MDG – Utopia Measuring point Master for Master Data Governance

- Create Measuring point
- Change Measuring point
- Mark Measuring point for Deletion
- Process Multiple Measuring point

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## uMNTPLN™ for MDG – Utopia Maintenance Plan Master for Master Data Governance

- Create Maintenance Plan
- Change Maintenance Plan
- Mark Maintenance Plan for Deletion
- Process Multiple Maintenance Plans

## uGNL™ for MDG – Utopia General Task List Master for Master Data Governance

- Create General Task List
- Change General Task List
- Mark General Task List for Deletion
- Process Multiple General Task List

## uEQL™ for MDG – Utopia Equipment Task List Master for Master Data Governance

- Create Equipment Task List
- Change Equipment Task List
- Mark Equipment Task List for Deletion
- Process Multiple Equipment Task List

## uFL™ for MDG – Utopia Functional Location Task List Master for Master Data Governance

- Create Functional Task List
- Change Functional Task List
- Mark Functional Task List for Deletion
- Process Multiple Functional Task List

## uWRKCTR™ for MDG – Utopia Work Center for Master Data Governance

- Create Work Center
- Change Work Center
- Mark Work Center for Deletion
- Process Multiple Work Center

You run the settings for this process in Customizing under **► Cross-Application Components ► Processes and Tools for Enterprise Applications ► Master Data Governance**. Or enter ECC transaction code MDGIMG.

### Result

The system is now configured for MDG for EAM. In addition, if data load has been done, mass changes and distribution to other systems can also be executed.

### More Information

- For information on functional restrictions, see SAP Note 2385538
- SAP Master Data Governance Security Guide [\[Extern\]](#)
- SAP Master and Master Update Guide [\[Extern\]](#)

Some standard customizing activities in the area of Plant Maintenance / Enterprise Asset Management are relevant for Master Data Governance for EAM under the *Define Field Selection* nodes, all activities that change the field properties affect the field properties in Master Data Governance for EAM. The field properties hidden, displayed, mandatory, and optional impact the Master Data Governance for EAM fields.

- Under the *Basic Settings* node, all activities impact Master Data Governance for EAM. Example settings include Number Ranges for Measuring Points or Warranty Types, and Measuring Point Categories
- Under the *Technical Objects* node, all activities impact Master Data Governance for EAM Example settings include the definition of Types of Technical Objects, Planner Groups, and Plant Sections.

## 1. Activate the Data Model U1

1. Check whether you can use the data model delivered by SAP and Utopia for managing your EAM data with MDG for EAM.

Activate the delivered data model *U1* in Customizing for *Master Data Governance* under **► General Settings ► Data Modeling ► Edit Data Model**.



When upgrading to *MDG 8.0*, check that the active and inactive versions of your data models are the same. Changes to the data models, not dependent on business function switches, may occur due to corrections made by SAP. **You should check and activate all models after the upgrade.** To do this navigate to **► Master Data Governance ► General Settings ► Data Modeling ► Edit Data Model** and activate any data models that have the entry *Different* in the column *Active Version*.

After activation or if the status is “Same” in the column *Active Version*, you have to trigger the job to adjust the data model. Mark the line with U1 data model and press the corresponding icon to trigger the job.

2. Assign an internal key.

To support temporary key assignment, run the activity in Customizing for *Master Data Governance* under **► General Settings ► Data Modeling ► Define Prefixes for Internal Key Assignment**.

Object Type	Prefixes For internal Key Assignment
Equipment	ALL SAP Characters are allowed
Functional Location	ALL SAP Characters are allowed
Measuring Point	ALL SAP Characters are allowed
Maintenance Plan	ALL SAP Characters are allowed
MRO BOM	ALL SAP Characters are allowed
Work Center	ALL SAP Characters are allowed
Task List	ALL SAP Characters are allowed



## SAP Library

In MDG for EAM, authorizations cannot be defined here. Instead, the existing back-end authorizations are reused.

For more information, see Customizing under ► *Plant Maintenance and Customer Service* ► *Basic Settings* ► *Maintain Authorizations for Master Data*.

### 3. Check or Generate Data Model-Specific Structures

Following the activation of the U1 Data Model you will also need to activate the EAM Data Model-Specific structures. To check this run the activity in customizing for Master Data Governance under ► *General Settings* ► *Data Modeling* ► *Generate Data Model-Specific Structures*. Select the U1 data model and double-click on Data Models ► Structures.

The structures are delivered with the software. If they do not exist or are missing after changes to the data model you have to (re-)generate them

If you are prompted for a package ID, choose a package in the customer name space (beginning with Y or Z).

If you receive a dialog box with a message that “Customer object TABL CI\* cannot be assigned to package /UGI/MDG\_EAM\_GLOBAL,” select the check mark (  ) and enter your chosen package ID in place of the /UGI/MDG\_EAM\_GLOBAL value in the dev class field.

Other customizing activities in data modeling are only relevant for the EAM domain if your data model needs to be enhanced. For more information, see [Enhancement of Master Data Governance Content](#)

## 2. Activate Change Request Types (BC-Sets)

For create, change, and mark for deletion and process EAM Objects, there are example change request types available.

Please Ensure the below mentioned steps are defined in the configuration before activation of the BC Set:

► *Master Data Governance* ► *General Settings* ► *Process Modeling* ► *Workflow* ► *Other MDG Workflow* ► Define Change Request Step Number

Workflow	Step	Description	Keys	Validation
WS54300020	0	Submission		
WS54300020	1	Processing	X	
WS54300020	2	Final Check		X
WS54300020	3	Revision		

Run the BC-Set activation process (transaction code SCPR20), for the BC-Sets

Activate the below BC-Sets for **Equipment and Functional Location**

- **/UGI/MDG\_EAM\_CREQUEST\_01** – Utopia EAM Solutions for MDG Change Request Types – Equipment and Functional Location.

## SAP Library

**Use:** This BC sets Contains

- Change Request Types
  - Business Activity for Equipment and Functional Location
  - Configurable properties of Change Request Steps
- **/UGI/MDG\_EAM\_PQM\_01** - Utopia EAM Solutions for MDG - Process Quality Metrics for Equipment and Functional Location

**Use:** This BC sets Contains

- Change Request: Priorities
- Change Request: Reason
- Change Request: Reason for Rejection

## Activate the below BC-Sets for **MRO BOM**

- **/UGI/MDG\_EAM\_CREQUEST\_02** - Utopia EAM Solutions for MDG Change Request Types - MRO BOM

**Use:** This BC sets Contains

- Change Request Types
- Business Activity for Material BOM
- Configurable properties of Change Request Steps

- **/UGI/MDG\_EAM\_PQM\_02** - Utopia EAM Solutions for MDG Process Quality Metrics-MRO BOM

**Use:** This BC sets Contains

- Change Request: Priorities
- Change Request: Reason
- Change Request: Reason for Rejection

## Activate below BC-Sets for **Maintenance Plan and Item**

- **/UGI/MDG\_EAM\_CREQUEST\_MPMI** - Utopia EAM Solutions for MDG Change Request Types – Maintenance Plan

**Use:** This BC sets Contains

- Change Request Types
- Business Activity for Material BOM
- Configurable properties of Change Request Steps

- **/UGI/MDG\_EAM\_PQM\_MPMI** - Utopia EAM Solutions for MDG Process Quality Metrics-Maintenance Plan

**Use:** This BC sets Contains

- Change Request: Priorities

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- Change Request: Reason
- Change Request: Reason for Rejection

## Activate below BC-Sets for **Measuring Point**

- **/UGI/MDG\_EAM\_CREQUEST\_MSPT**- Utopia EAM Solutions for MDG Change Request Types – Measuring Point

**Use:** This BC sets Contains

- Change Request Types
- Business Activity for Measuring Point
- Configurable properties of Change Request Steps

- **/UGI/MDG\_EAM\_PQM\_MSPT** - Utopia EAM Solutions for MDG Process Quality Metrics-MSPOINT

**Use:** This BC sets Contains

- Change Request: Priorities
- Change Request: Reason
- Change Request: Reason for Rejection

## Activate below BC-Sets for **TASKLIST**

- **/UGI/MDG\_EAM\_CREQUEST\_TL** – Utopia EAM Solutions for MDG Change Request Types – Equipment, Functional Location and Task List.

**Use:** This BC sets Contains

- Change Request Types
- Business Activity for Equipment, Functional Location and Measuring Point
- Configurable properties of Change Request Steps

- **/UGI/MDG\_EAM\_PQM\_TL** - Utopia MDG EAM Solutions for Task List.

**Use:** This BC sets Contains

- Change Request: Priorities
- Change Request: Reason
- Change Request: Reason for Rejection

## Activate below BC-Sets for **Work Center**

- **/UGI/MDG\_EAM\_CREQUEST\_WCTR** – Utopia EAM Solutions for MDG Change Request Types – Work Center

**Use:** This BC sets Contains

- Change Request Types
- Business Activity for Work Center
- Configurable properties of Change Request Steps

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- **/UGI/MDG\_EAM\_PQM\_WCTR** - Utopia EAM Solutions for MDG - Process Quality Metrics

Use: This BC sets Contains

- Change Request: Priorities
- Change Request: Reason
- Change Request: Reason for Rejection



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### 3. Link Log. Actions with UI Application and Bus. Act.: Standard Definition

The Logical Actions shown in the Table s below need to be entered manually. Entries from table 1 are common to both LAM and Non LAM activated environment. In addition, entries from table 2 are applicable only for Non LAM and table 3 is applicable only for LAM activated environments.

For more information, see Customizing for Master Data Governance under [General Settings](#) > [Process Modeling](#) > [Business Activities](#) > [Link Log. Actions with UI Application and Bus. Act. Standard Definition](#).

**Table 1: EAM Objects Logical Actions UI Application and Bus Act. Linkage (Common) - Manual Entry Required**

#### UI navigation for MRO Bill of Material

BO Type	Log. Action	Current UI Application Name	Current UI Configuration	Target UI Application	Target UI Configuration	Business Activity
237	*	USMD_CREQUEST_PROCESS	*	USMD_OVP_GEN	/UGI/USMD_U1_OVP_PMBOMHDR	
237	CREATE	USMD_CHANGE_DOCUMENT	USMD_CHANGE_DOCUMENT	USMD_OVP_GEN	/UGI/USMD_U1_OVP_PMBOMHDR	UMB1
237	CREATE	USMD_CREQUEST_PROCESS	USMD_CREQUEST_PROCESS	USMD_OVP_GEN	/UGI/USMD_U1_OVP_PMBOMHDR	UMB1
237	CREATE	USMD_EDITION_CREQUEST	USMD_EDITION_CREQUEST	USMD_OVP_GEN	/UGI/USMD_U1_OVP_PMBOMHDR	UMB1
237	CREATE	USMD_OVP_GEN	/UGI/USMD_U1_OVP_PMBOMHDR	USMD_OVP_GEN	/UGI/USMD_U1_OVP_PMBOMHDR	UMB1
237	CREATE	USMD_SEARCH	/UGI/USMD_SEARCH_PMBOMHDR	USMD_OVP_GEN	/UGI/USMD_U1_OVP_PMBOMHDR	UMB1
237	CHANGE	USMD_CHANGE_DOCUMENT	USMD_CHANGE_DOCUMENT	USMD_OVP_GEN	/UGI/USMD_U1_OVP_PMBOMHDR	UMB2
237	CHANGE	USMD_CREQUEST_PROCESS	USMD_CREQUEST_PROCESS	USMD_OVP_GEN	/UGI/USMD_U1_OVP_PMBOMHDR	UMB2
237	CHANGE	USMD_EDITION_CREQUEST	USMD_EDITION_CREQUEST	USMD_OVP_GEN	/UGI/USMD_U1_OVP_PMBOMHDR	UMB2
237	CHANGE	USMD_OVP_GEN	/UGI/USMD_U1_OVP_PMBOMHDR	USMD_OVP_GEN	/UGI/USMD_U1_OVP_PMBOMHDR	UMB2
237	CHANGE	USMD_SEARCH	/UGI/USMD_SEARCH_PMBOMHDR	USMD_OVP_GEN	/UGI/USMD_U1_OVP_PMBOMHDR	UMB2
237	DISPLAY	USMD_SEARCH	/UGI/USMD_SEARCH_PMBOMHDR	USMD_OVP_GEN	/UGI/USMD_U1_OVP_PMBOMHDR	UMB3
237	DISPLAY	*	*	USMD_OVP_GEN	/UGI/USMD_U1_OVP_PMBOMHDR	UMB3
237	DELETE	USMD_EDITION_CREQUEST	USMD_EDITION_CREQUEST	USMD_OVP_GEN	/UGI/USMD_U1_OVP_PMBOMHDR	UMB6
237	DELETE	USMD_OVP_GEN	/UGI/USMD_U1_OVP_PMBOMHDR	USMD_OVP_GEN	/UGI/USMD_U1_OVP_PMBOMHDR	UMB6



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237	DELETE	USMD_SEARCH	/UGI/USMD_SEARCH_PMBOMHDR	USMD_OVP_GEN	/UGI/USMD_U1_OVP_PMBOMHDR	UMB6
237	MASS	USMD_CREQUEST_PROCESS	USMD_CREQUEST_PROCESS	USMD_OVP_GEN	/UGI/USMD_U1_OVP_PMBOMHDR	UMBA
237	MASS	USMD_EDITION_CREQUEST	USMD_EDITION_CREQUEST	USMD_OVP_GEN	/UGI/USMD_U1_OVP_PMBOMHDR	UMBA
237	MASS	USMD_SEARCH	/UGI/USMD_SEARCH_PMBOMHDR	USMD_OVP_GEN	/UGI/USMD_U1_OVP_PMBOMHDR	UMBA
237	LOAD	USMD_CREQUEST_PROCESS	USMD_CREQUEST_PROCESS	USMD_OVP_GEN	/UGI/USMD_U1_OVP_PMBOMHDR	UMBB
237	LOAD	USMD_EDITION_CREQUEST	USMD_EDITION_CREQUEST	USMD_OVP_GEN	/UGI/USMD_U1_OVP_PMBOMHDR	UMBB
237	LOAD	USMD_SEARCH	/UGI/USMD_SEARCH_PMBOMHDR	USMD_OVP_GEN	/UGI/USMD_U1_OVP_PMBOMHDR	UMBB

UI Navigations for Work Center

BO Type	Log. Action	Current UI Application Name	Current UI Configuration	Target UI Application	Target UI Configuration	Business Activity
493	*	USMD_CREQUEST_PROCESS	*	USMD_OVP_GEN	/UGI/USMD_U1_OVP_WORKCNTR	
493	CREATE	USMD_CHANGE_DOCUMENT	USMD_CHANGE_DOCUMENT	USMD_OVP_GEN	/UGI/USMD_U1_OVP_WORKCNTR	UWC1
493	CREATE	USMD_CREQUEST_PROCESS	USMD_CREQUEST_PROCESS	USMD_OVP_GEN	/UGI/USMD_U1_OVP_WORKCNTR	UWC1
493	CREATE	USMD_EDITION_CREQUEST	USMD_EDITION_CREQUEST	USMD_OVP_GEN	/UGI/USMD_U1_OVP_WORKCNTR	UWC1
493	CREATE	USMD_OVP_GEN	/UGI/USMD_U1_OVP_WORKCNTR	USMD_OVP_GEN	/UGI/USMD_U1_OVP_WORKCNTR	UWC1
493	CREATE	USMD_SEARCH	/UGI/USMD_SEARCH_WORKCNTR	USMD_OVP_GEN	/UGI/USMD_U1_OVP_WORKCNTR	UWC1
493	CHANGE	USMD_CHANGE_DOCUMENT	USMD_CHANGE_DOCUMENT	USMD_OVP_GEN	/UGI/USMD_U1_OVP_WORKCNTR	UWC2
493	CHANGE	USMD_CREQUEST_PROCESS	USMD_CREQUEST_PROCESS	USMD_OVP_GEN	/UGI/USMD_U1_OVP_WORKCNTR	UWC2
493	CHANGE	USMD_EDITION_CREQUEST	USMD_EDITION_CREQUEST	USMD_OVP_GEN	/UGI/USMD_U1_OVP_WORKCNTR	UWC2
493	CHANGE	USMD_OVP_GEN	/UGI/USMD_U1_OVP_WORKCNTR	USMD_OVP_GEN	/UGI/USMD_U1_OVP_WORKCNTR	UWC2
493	CHANGE	USMD_SEARCH	/UGI/USMD_SEARCH_WORKCNTR	USMD_OVP_GEN	/UGI/USMD_U1_OVP_WORKCNTR	UWC2
493	DISPLAY	USMD_SEARCH	/UGI/USMD_SEARCH_WORKCNTR	USMD_OVP_GEN	/UGI/USMD_U1_OVP_WORKCNTR	UWC3
493	DISPLAY	*	*	USMD_OVP_GEN	/UGI/USMD_U1_OVP_WORKCNTR	UWC3
493	DELETE	USMD_EDITION_CREQUEST	USMD_EDITION_CREQUEST	USMD_OVP_GEN	/UGI/USMD_U1_OVP_WORKCNTR	UWC6
493	DELETE	USMD_OVP_GEN	/UGI/USMD_U1_OVP_WORKCNTR	USMD_OVP_GEN	/UGI/USMD_U1_OVP_WORKCNTR	UWC6
493	DELETE	USMD_SEARCH	/UGI/USMD_SEARCH_WORKCNTR	USMD_OVP_GEN	/UGI/USMD_U1_OVP_WORKCNTR	UWC6



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493	MASS	USMD_CREQUEST_PROCESS	USMD_CREQUEST_PROCESS	USMD_OVP_GEN	/UGI/USMD_U1_OVP_WORKCNTR	UWCA
493	MASS	USMD_EDITION_CREQUEST	USMD_EDITION_CREQUEST	USMD_OVP_GEN	/UGI/USMD_U1_OVP_WORKCNTR	UWCA
493	MASS	USMD_SEARCH	/UGI/USMD_SEARCH_WORKCNTR	USMD_OVP_GEN	/UGI/USMD_U1_OVP_WORKCNTR	UWCA
493	LOAD	USMD_CREQUEST_PROCESS	USMD_CREQUEST_PROCESS	USMD_OVP_GEN	/UGI/USMD_U1_OVP_WORKCNTR	UWCB
493	LOAD	USMD_EDITION_CREQUEST	USMD_EDITION_CREQUEST	USMD_OVP_GEN	/UGI/USMD_U1_OVP_WORKCNTR	UWCB
493	LOAD	USMD_SEARCH	/UGI/USMD_SEARCH_WORKCNTR	USMD_OVP_GEN	/UGI/USMD_U1_OVP_WORKCNTR	UWCB

UI navigations for Task List

BO Type	Log-Action	Current UI Application Name	Current UI Configuration	Target UI Application	Target UI Configuration	Business Activity
/UGI/TLFL	*	USMD_CREQUEST_PROCESS	*	USMD_OVP_GEN	/UGI/USMD_U1_OVP_TASKLIST_FL	
/UGI/TLFL	CREATE	USMD_CHANGE_DOCUMENT	USMD_CHANGE_DOCUMENT	USMD_OVP_GEN	/UGI/USMD_U1_OVP_TASKLIST_FL	FTL1
/UGI/TLFL	CREATE	USMD_CREQUEST_PROCESS	USMD_CREQUEST_PROCESS	USMD_OVP_GEN	/UGI/USMD_U1_OVP_TASKLIST_FL	FTL1
/UGI/TLFL	CREATE	USMD_EDITION_CREQUEST	USMD_EDITION_CREQUEST	USMD_OVP_GEN	/UGI/USMD_U1_OVP_TASKLIST_FL	FTL1
/UGI/TLFL	CREATE	USMD_OVP_GEN	/UGI/USMD_U1_OVP_TASKLIST_FL	USMD_OVP_GEN	/UGI/USMD_U1_OVP_TASKLIST_FL	FTL1
/UGI/TLFL	CREATE	USMD_SEARCH	/UGI/USMD_SEARCH_TLFL	USMD_OVP_GEN	/UGI/USMD_U1_OVP_TASKLIST_FL	FTL1
/UGI/TLFL	CHANGE	USMD_CHANGE_DOCUMENT	USMD_CHANGE_DOCUMENT	USMD_OVP_GEN	/UGI/USMD_U1_OVP_TASKLIST_FL	FTL2
/UGI/TLFL	CHANGE	USMD_CREQUEST_PROCESS	USMD_CREQUEST_PROCESS	USMD_OVP_GEN	/UGI/USMD_U1_OVP_TASKLIST_FL	FTL2
/UGI/TLFL	CHANGE	USMD_EDITION_CREQUEST	USMD_EDITION_CREQUEST	USMD_OVP_GEN	/UGI/USMD_U1_OVP_TASKLIST_FL	FTL2
/UGI/TLFL	CHANGE	USMD_OVP_GEN	/UGI/USMD_U1_OVP_TASKLIST_FL	USMD_OVP_GEN	/UGI/USMD_U1_OVP_TASKLIST_FL	FTL2
/UGI/TLFL	CHANGE	USMD_SEARCH	/UGI/USMD_SEARCH_TLFL	USMD_OVP_GEN	/UGI/USMD_U1_OVP_TASKLIST_FL	FTL2
/UGI/TLFL	DISPLAY	USMD_SEARCH	/UGI/USMD_SEARCH_TLFL	USMD_OVP_GEN	/UGI/USMD_U1_OVP_TASKLIST_FL	FTL3
/UGI/TLFL	DISPLAY	*	*	USMD_OVP_GEN	/UGI/USMD_U1_OVP_TASKLIST_FL	FTL3
/UGI/TLFL	DELETE	USMD_EDITION_CREQUEST	USMD_EDITION_CREQUEST	USMD_OVP_GEN	/UGI/USMD_U1_OVP_TASKLIST_FL	FTL6
/UGI/TLFL	DELETE	USMD_OVP_GEN	/UGI/USMD_U1_OVP_TASKLIST_FL	USMD_OVP_GEN	/UGI/USMD_U1_OVP_TASKLIST_FL	FTL6
/UGI/TLFL	DELETE	USMD_SEARCH	/UGI/USMD_SEARCH_TLFL	USMD_OVP_GEN	/UGI/USMD_U1_OVP_TASKLIST_FL	FTL6
/UGI/TLFL	MASS	USMD_CREQUEST_PROCESS	USMD_CREQUEST_PROCESS	USMD_OVP_GEN	/UGI/USMD_U1_OVP_TASKLIST_FL	FTLA



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/UGI/TLFL	MASS	USMD_EDITION_CREQUEST	USMD_EDITION_CREQUEST	USMD_OVP_GEN	/UGI/USMD_U1_OVP_TASKLIST_FL	FTLA
/UGI/TLFL	MASS	USMD_SEARCH	/UGI/USMD_SEARCH_TLFL	USMD_OVP_GEN	/UGI/USMD_U1_OVP_TASKLIST_FL	FTLA
/UGI/TLFL	LOAD	USMD_CREQUEST_PROCESS	USMD_CREQUEST_PROCESS	USMD_OVP_GEN	/UGI/USMD_U1_OVP_TASKLIST_FL	FTLB
/UGI/TLFL	LOAD	USMD_EDITION_CREQUEST	USMD_EDITION_CREQUEST	USMD_OVP_GEN	/UGI/USMD_U1_OVP_TASKLIST_FL	FTLB
/UGI/TLFL	LOAD	USMD_SEARCH	/UGI/USMD_SEARCH_TLFL	USMD_OVP_GEN	/UGI/USMD_U1_OVP_TASKLIST_FL	FTLB
/UGI/TLEQ	*	USMD_CREQUEST_PROCESS	*	USMD_OVP_GEN	/UGI/USMD_U1_OVP_TASKLIST_EQ	
/UGI/TLEQ	CREATE	USMD_CHANGE_DOCUMENT	USMD_CHANGE_DOCUMENT	USMD_OVP_GEN	/UGI/USMD_U1_OVP_TASKLIST_EQ	ETL1
/UGI/TLEQ	CREATE	USMD_CREQUEST_PROCESS	USMD_CREQUEST_PROCESS	USMD_OVP_GEN	/UGI/USMD_U1_OVP_TASKLIST_EQ	ETL1
/UGI/TLEQ	CREATE	USMD_EDITION_CREQUEST	USMD_EDITION_CREQUEST	USMD_OVP_GEN	/UGI/USMD_U1_OVP_TASKLIST_EQ	ETL1
/UGI/TLEQ	CREATE	USMD_OVP_GEN	/UGI/USMD_U1_OVP_TASKLIST_EQ	USMD_OVP_GEN	/UGI/USMD_U1_OVP_TASKLIST_EQ	ETL1
/UGI/TLEQ	CREATE	USMD_SEARCH	/UGI/USMD_SEARCH_TLEQ	USMD_OVP_GEN	/UGI/USMD_U1_OVP_TASKLIST_EQ	ETL1
/UGI/TLEQ	CHANGE	USMD_CHANGE_DOCUMENT	USMD_CHANGE_DOCUMENT	USMD_OVP_GEN	/UGI/USMD_U1_OVP_TASKLIST_EQ	ETL2
/UGI/TLEQ	CHANGE	USMD_CREQUEST_PROCESS	USMD_CREQUEST_PROCESS	USMD_OVP_GEN	/UGI/USMD_U1_OVP_TASKLIST_EQ	ETL2
/UGI/TLEQ	CHANGE	USMD_EDITION_CREQUEST	USMD_EDITION_CREQUEST	USMD_OVP_GEN	/UGI/USMD_U1_OVP_TASKLIST_EQ	ETL2
/UGI/TLEQ	CHANGE	USMD_OVP_GEN	/UGI/USMD_U1_OVP_TASKLIST_EQ	USMD_OVP_GEN	/UGI/USMD_U1_OVP_TASKLIST_EQ	ETL2
/UGI/TLEQ	CHANGE	USMD_SEARCH	/UGI/USMD_SEARCH_TLEQ	USMD_OVP_GEN	/UGI/USMD_U1_OVP_TASKLIST_EQ	ETL2
/UGI/TLEQ	DISPLAY	USMD_SEARCH	/UGI/USMD_SEARCH_TLEQ	USMD_OVP_GEN	/UGI/USMD_U1_OVP_TASKLIST_EQ	ETL3
/UGI/TLEQ	DISPLAY	*	*	USMD_OVP_GEN	/UGI/USMD_U1_OVP_TASKLIST_EQ	ETL3
/UGI/TLEQ	DELETE	USMD_EDITION_CREQUEST	USMD_EDITION_CREQUEST	USMD_OVP_GEN	/UGI/USMD_U1_OVP_TASKLIST_EQ	ETL6
/UGI/TLEQ	DELETE	USMD_OVP_GEN	/UGI/USMD_U1_OVP_TASKLIST_EQ	USMD_OVP_GEN	/UGI/USMD_U1_OVP_TASKLIST_EQ	ETL6
/UGI/TLEQ	DELETE	USMD_SEARCH	/UGI/USMD_SEARCH_TLEQ	USMD_OVP_GEN	/UGI/USMD_U1_OVP_TASKLIST_EQ	ETL6
/UGI/TLEQ	MASS	USMD_CREQUEST_PROCESS	USMD_CREQUEST_PROCESS	USMD_OVP_GEN	/UGI/USMD_U1_OVP_TASKLIST_EQ	ETLA
/UGI/TLEQ	MASS	USMD_EDITION_CREQUEST	USMD_EDITION_CREQUEST	USMD_OVP_GEN	/UGI/USMD_U1_OVP_TASKLIST_EQ	ETLA
/UGI/TLEQ	MASS	USMD_SEARCH	/UGI/USMD_SEARCH_TLEQ	USMD_OVP_GEN	/UGI/USMD_U1_OVP_TASKLIST_EQ	ETLA
/UGI/TLEQ	LOAD	USMD_CREQUEST_PROCESS	USMD_CREQUEST_PROCESS	USMD_OVP_GEN	/UGI/USMD_U1_OVP_TASKLIST_EQ	ETLB
/UGI/TLEQ	LOAD	USMD_EDITION_CREQUEST	USMD_EDITION_CREQUEST	USMD_OVP_GEN	/UGI/USMD_U1_OVP_TASKLIST_EQ	ETLB



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/UGI/TLEQ	LOAD	USMD_SEARCH	/UGI/USMD_SEARCH_TLEQ	USMD_OVP_GEN	/UGI/USMD_U1_OVP_TASKLIST_EQ	ETLB
/UGI/TL	*	USMD_CREQUEST_PROCESS	*	USMD_OVP_GEN	/UGI/USMD_U1_OVP_TASKLIST	
/UGI/TL	CREATE	USMD_CHANGE_DOCUMENT	USMD_CHANGE_DOCUMENT	USMD_OVP_GEN	/UGI/USMD_U1_OVP_TASKLIST	UTL1
/UGI/TL	CREATE	USMD_CREQUEST_PROCESS	USMD_CREQUEST_PROCESS	USMD_OVP_GEN	/UGI/USMD_U1_OVP_TASKLIST	UTL1
/UGI/TL	CREATE	USMD_EDITION_CREQUEST	USMD_EDITION_CREQUEST	USMD_OVP_GEN	/UGI/USMD_U1_OVP_TASKLIST	UTL1
/UGI/TL	CREATE	USMD_OVP_GEN	/UGI/USMD_U1_OVP_TASKLIST	USMD_OVP_GEN	/UGI/USMD_U1_OVP_TASKLIST	UTL1
/UGI/TL	CREATE	USMD_SEARCH	/UGI/USMD_SEARCH_TLGN	USMD_OVP_GEN	/UGI/USMD_U1_OVP_TASKLIST	UTL1
/UGI/TL	CHANGE	USMD_CHANGE_DOCUMENT	USMD_CHANGE_DOCUMENT	USMD_OVP_GEN	/UGI/USMD_U1_OVP_TASKLIST	UTL2
/UGI/TL	CHANGE	USMD_CREQUEST_PROCESS	USMD_CREQUEST_PROCESS	USMD_OVP_GEN	/UGI/USMD_U1_OVP_TASKLIST	UTL2
/UGI/TL	CHANGE	USMD_EDITION_CREQUEST	USMD_EDITION_CREQUEST	USMD_OVP_GEN	/UGI/USMD_U1_OVP_TASKLIST	UTL2
/UGI/TL	CHANGE	USMD_OVP_GEN	/UGI/USMD_U1_OVP_TASKLIST	USMD_OVP_GEN	/UGI/USMD_U1_OVP_TASKLIST	UTL2
/UGI/TL	CHANGE	USMD_SEARCH	/UGI/USMD_SEARCH_TLGN	USMD_OVP_GEN	/UGI/USMD_U1_OVP_TASKLIST	UTL2
/UGI/TL	DISPLAY	USMD_SEARCH	/UGI/USMD_SEARCH_TLGN	USMD_OVP_GEN	/UGI/USMD_U1_OVP_TASKLIST	UTL3
/UGI/TL	DISPLAY	*	*	USMD_OVP_GEN	/UGI/USMD_U1_OVP_TASKLIST	UTL3
/UGI/TL	DELETE	USMD_EDITION_CREQUEST	USMD_EDITION_CREQUEST	USMD_OVP_GEN	/UGI/USMD_U1_OVP_TASKLIST	UTL6
/UGI/TL	DELETE	USMD_OVP_GEN	/UGI/USMD_U1_OVP_TASKLIST	USMD_OVP_GEN	/UGI/USMD_U1_OVP_TASKLIST	UTL6
/UGI/TL	DELETE	USMD_SEARCH	/UGI/USMD_SEARCH_TLGN	USMD_OVP_GEN	/UGI/USMD_U1_OVP_TASKLIST	UTL6
/UGI/TL	MASS	USMD_CREQUEST_PROCESS	USMD_CREQUEST_PROCESS	USMD_OVP_GEN	/UGI/USMD_U1_OVP_TASKLIST	UTLA
/UGI/TL	MASS	USMD_EDITION_CREQUEST	USMD_EDITION_CREQUEST	USMD_OVP_GEN	/UGI/USMD_U1_OVP_TASKLIST	UTLA
/UGI/TL	MASS	USMD_SEARCH	/UGI/USMD_SEARCH_TLGN	USMD_OVP_GEN	/UGI/USMD_U1_OVP_TASKLIST	UTLA
/UGI/TL	LOAD	USMD_CREQUEST_PROCESS	USMD_CREQUEST_PROCESS	USMD_OVP_GEN	/UGI/USMD_U1_OVP_TASKLIST	UTLB
/UGI/TL	LOAD	USMD_EDITION_CREQUEST	USMD_EDITION_CREQUEST	USMD_OVP_GEN	/UGI/USMD_U1_OVP_TASKLIST	UTLB
/UGI/TL	LOAD	USMD_SEARCH	/UGI/USMD_SEARCH_TLGN	USMD_OVP_GEN	/UGI/USMD_U1_OVP_TASKLIST	UTLB



Table 2: EAM Objects Logical Actions UI Application and Bus Act. Linkage (Non-LAM) - Manual Entry Required

**UI navigations for Equipment Master**

BO Type	Log. Action	Current UI Application Name	Current UI Configuration	Target UI Application	Target UI Configuration	Business Activity
183	*	USMD_CREQUEST_PROCESS	*	USMD_OVP_GEN	/UGI/USMD_U1_OVP_EQUI	
183	CREATE	USMD_CHANGE_DOCUMENT	USMD_CHANGE_DOCUMENT	USMD_OVP_GEN	/UGI/USMD_U1_OVP_EQUI	UEQ1
183	CREATE	USMD_CREQUEST_PROCESS	USMD_CREQUEST_PROCESS	USMD_OVP_GEN	/UGI/USMD_U1_OVP_EQUI	UEQ1
183	CREATE	USMD_EDITION_CREQUEST	USMD_EDITION_CREQUEST	USMD_OVP_GEN	/UGI/USMD_U1_OVP_EQUI	UEQ1
183	CREATE	USMD_OVP_GEN	/UGI/USMD_U1_OVP_EQUI	USMD_OVP_GEN	/UGI/USMD_U1_OVP_EQUI	UEQ1
183	CREATE	USMD_SEARCH	/UGI/USMD_SEARCH_EQUI	USMD_OVP_GEN	/UGI/USMD_U1_OVP_EQUI	UEQ1
183	CHANGE	USMD_CHANGE_DOCUMENT	USMD_CHANGE_DOCUMENT	USMD_OVP_GEN	/UGI/USMD_U1_OVP_EQUI	UEQ2
183	CHANGE	USMD_CREQUEST_PROCESS	USMD_CREQUEST_PROCESS	USMD_OVP_GEN	/UGI/USMD_U1_OVP_EQUI	UEQ2
183	CHANGE	USMD_EDITION_CREQUEST	USMD_EDITION_CREQUEST	USMD_OVP_GEN	/UGI/USMD_U1_OVP_EQUI	UEQ2
183	CHANGE	USMD_OVP_GEN	/UGI/USMD_U1_OVP_EQUI	USMD_OVP_GEN	/UGI/USMD_U1_OVP_EQUI	UEQ2
183	CHANGE	USMD_SEARCH	/UGI/USMD_SEARCH_EQUI	USMD_OVP_GEN	/UGI/USMD_U1_OVP_EQUI	UEQ2
183	DISPLAY	USMD_SEARCH	/UGI/USMD_SEARCH_EQUI	USMD_OVP_GEN	/UGI/USMD_U1_OVP_EQUI	UEQ3
183	DISPLAY	*	*	USMD_OVP_GEN	/UGI/USMD_U1_OVP_EQUI	UEQ3
183	DELETE	USMD_EDITION_CREQUEST	USMD_EDITION_CREQUEST	USMD_OVP_GEN	/UGI/USMD_U1_OVP_EQUI	UEQ6
183	DELETE	USMD_OVP_GEN	/UGI/USMD_U1_OVP_EQUI	USMD_OVP_GEN	/UGI/USMD_U1_OVP_EQUI	UEQ6
183	DELETE	USMD_SEARCH	/UGI/USMD_SEARCH_EQUI	USMD_OVP_GEN	/UGI/USMD_U1_OVP_EQUI	UEQ6
183	MASS	USMD_CREQUEST_PROCESS	USMD_CREQUEST_PROCESS	USMD_OVP_GEN	/UGI/USMD_U1_OVP_EQUI	UEQA
183	MASS	USMD_EDITION_CREQUEST	USMD_EDITION_CREQUEST	USMD_OVP_GEN	/UGI/USMD_U1_OVP_EQUI	UEQA
183	MASS	USMD_SEARCH	/UGI/USMD_SEARCH_EQUI	USMD_OVP_GEN	/UGI/USMD_U1_OVP_EQUI	UEQA
183	LOAD	USMD_CREQUEST_PROCESS	USMD_CREQUEST_PROCESS	USMD_OVP_GEN	/UGI/USMD_U1_OVP_EQUI	UEQB
183	LOAD	USMD_EDITION_CREQUEST	USMD_EDITION_CREQUEST	USMD_OVP_GEN	/UGI/USMD_U1_OVP_EQUI	UEQB
183	LOAD	USMD_SEARCH	/UGI/USMD_SEARCH_EQUI	USMD_OVP_GEN	/UGI/USMD_U1_OVP_EQUI	UEQB



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**UI navigations for Functional Location**

BO Type	Log. Action	Current UI Application Name	Current UI Configuration	Target UI Application	Target UI Configuration	Business Activity
185	*	USMD_CREQUEST_PROCESS	*	USMD_OVP_GEN	/UGI/USMD_U1_OVP_FUNCLOC	
185	CREATE	USMD_CHANGE_DOCUMENT	USMD_CHANGE_DOCUMENT	USMD_OVP_GEN	/UGI/USMD_U1_OVP_FUNCLOC	UFL1
185	CREATE	USMD_CREQUEST_PROCESS	USMD_CREQUEST_PROCESS	USMD_OVP_GEN	/UGI/USMD_U1_OVP_FUNCLOC	UFL1
185	CREATE	USMD_EDITION_CREQUEST	USMD_EDITION_CREQUEST	USMD_OVP_GEN	/UGI/USMD_U1_OVP_FUNCLOC	UFL1
185	CREATE	USMD_OVP_GEN	/UGI/USMD_U1_OVP_FUNCLOC	USMD_OVP_GEN	/UGI/USMD_U1_OVP_FUNCLOC	UFL1
185	CREATE	USMD_SEARCH	/UGI/USMD_SEARCH_FUNCLOC	USMD_OVP_GEN	/UGI/USMD_U1_OVP_FUNCLOC	UFL1
185	CHANGE	USMD_CHANGE_DOCUMENT	USMD_CHANGE_DOCUMENT	USMD_OVP_GEN	/UGI/USMD_U1_OVP_FUNCLOC	UFL2
185	CHANGE	USMD_CREQUEST_PROCESS	USMD_CREQUEST_PROCESS	USMD_OVP_GEN	/UGI/USMD_U1_OVP_FUNCLOC	UFL2
185	CHANGE	USMD_EDITION_CREQUEST	USMD_EDITION_CREQUEST	USMD_OVP_GEN	/UGI/USMD_U1_OVP_FUNCLOC	UFL2
185	CHANGE	USMD_OVP_GEN	/UGI/USMD_U1_OVP_FUNCLOC	USMD_OVP_GEN	/UGI/USMD_U1_OVP_FUNCLOC	UFL2
185	CHANGE	USMD_SEARCH	/UGI/USMD_SEARCH_FUNCLOC	USMD_OVP_GEN	/UGI/USMD_U1_OVP_FUNCLOC	UFL2
185	DISPLAY	USMD_SEARCH	/UGI/USMD_SEARCH_FUNCLOC	USMD_OVP_GEN	/UGI/USMD_U1_OVP_FUNCLOC	UFL3
185	DISPLAY	*	*	USMD_OVP_GEN	/UGI/USMD_U1_OVP_FUNCLOC	UFL3
185	DELETE	USMD_EDITION_CREQUEST	USMD_EDITION_CREQUEST	USMD_OVP_GEN	/UGI/USMD_U1_OVP_FUNCLOC	UFL6
185	DELETE	USMD_OVP_GEN	/UGI/USMD_U1_OVP_FUNCLOC	USMD_OVP_GEN	/UGI/USMD_U1_OVP_FUNCLOC	UFL6
185	DELETE	USMD_SEARCH	/UGI/USMD_SEARCH_FUNCLOC	USMD_OVP_GEN	/UGI/USMD_U1_OVP_FUNCLOC	UFL6
185	MASS	USMD_CREQUEST_PROCESS	USMD_CREQUEST_PROCESS	USMD_OVP_GEN	/UGI/USMD_U1_OVP_FUNCLOC	UFLA
185	MASS	USMD_EDITION_CREQUEST	USMD_EDITION_CREQUEST	USMD_OVP_GEN	/UGI/USMD_U1_OVP_FUNCLOC	UFLA
185	MASS	USMD_SEARCH	/UGI/USMD_SEARCH_FUNCLOC	USMD_OVP_GEN	/UGI/USMD_U1_OVP_FUNCLOC	UFLA
185	LOAD	USMD_CREQUEST_PROCESS	USMD_CREQUEST_PROCESS	USMD_OVP_GEN	/UGI/USMD_U1_OVP_FUNCLOC	UFLB
185	LOAD	USMD_EDITION_CREQUEST	USMD_EDITION_CREQUEST	USMD_OVP_GEN	/UGI/USMD_U1_OVP_FUNCLOC	UFLB
185	LOAD	USMD_SEARCH	/UGI/USMD_SEARCH_FUNCLOC	USMD_OVP_GEN	/UGI/USMD_U1_OVP_FUNCLOC	UFLB

**UI navigations for Maintenance Plan**

BO Type	Log. Action	Current UI Application Name	Current UI Configuration	Target UI Application	Target UI Configuration	Business Activity
1223	*	USMD_CREQUEST_PROCESS	*	USMD_OVP_GEN	/UGI/USMD_U1_OVP_MPMI	
1223	CREATE	USMD_CHANGE_DOCUMENT	USMD_CHANGE_DOCUMENT	USMD_OVP_GEN	/UGI/USMD_U1_OVP_MPMI	UMP1
1223	CREATE	USMD_CREQUEST_PROCESS	USMD_CREQUEST_PROCESS	USMD_OVP_GEN	/UGI/USMD_U1_OVP_MPMI	UMP1



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1223	CREATE	USMD_EDITION_CREQUEST	USMD_EDITION_CREQUEST	USMD_OVP_GEN	/UGI/USMD_U1_OVP_MPMI	UMP1
1223	CREATE	USMD_OVP_GEN	/UGI/USMD_U1_OVP_MPMI	USMD_OVP_GEN	/UGI/USMD_U1_OVP_MPMI	UMP1
1223	CREATE	USMD_SEARCH	/UGI/USMD_SEARCH_MPMI	USMD_OVP_GEN	/UGI/USMD_U1_OVP_MPMI	UMP1
1223	CHANGE	USMD_CHANGE_DOCUMENT	USMD_CHANGE_DOCUMENT	USMD_OVP_GEN	/UGI/USMD_U1_OVP_MPMI	UMP2
1223	CHANGE	USMD_CREQUEST_PROCESS	USMD_CREQUEST_PROCESS	USMD_OVP_GEN	/UGI/USMD_U1_OVP_MPMI	UMP2
1223	CHANGE	USMD_EDITION_CREQUEST	USMD_EDITION_CREQUEST	USMD_OVP_GEN	/UGI/USMD_U1_OVP_MPMI	UMP2
1223	CHANGE	USMD_OVP_GEN	/UGI/USMD_U1_OVP_MPMI	USMD_OVP_GEN	/UGI/USMD_U1_OVP_MPMI	UMP2
1223	CHANGE	USMD_SEARCH	/UGI/USMD_SEARCH_MPMI	USMD_OVP_GEN	/UGI/USMD_U1_OVP_MPMI	UMP2
1223	DISPLAY	USMD_SEARCH	/UGI/USMD_SEARCH_MPMI	USMD_OVP_GEN	/UGI/USMD_U1_OVP_MPMI	UMP3
1223	DISPLAY	*	*	USMD_OVP_GEN	/UGI/USMD_U1_OVP_MPMI	UMP3
1223	DELETE	USMD_EDITION_CREQUEST	USMD_EDITION_CREQUEST	USMD_OVP_GEN	/UGI/USMD_U1_OVP_MPMI	UMP6
1223	DELETE	USMD_OVP_GEN	/UGI/USMD_U1_OVP_MPMI	USMD_OVP_GEN	/UGI/USMD_U1_OVP_MPMI	UMP6
1223	DELETE	USMD_SEARCH	/UGI/USMD_SEARCH_MPMI	USMD_OVP_GEN	/UGI/USMD_U1_OVP_MPMI	UMP6
1223	MASS	USMD_CREQUEST_PROCESS	USMD_CREQUEST_PROCESS	USMD_OVP_GEN	/UGI/USMD_U1_OVP_MPMI	UMPA
1223	MASS	USMD_EDITION_CREQUEST	USMD_EDITION_CREQUEST	USMD_OVP_GEN	/UGI/USMD_U1_OVP_MPMI	UMPA
1223	MASS	USMD_SEARCH	/UGI/USMD_SEARCH_MPMI	USMD_OVP_GEN	/UGI/USMD_U1_OVP_MPMI	UMPA
1223	LOAD	USMD_CREQUEST_PROCESS	USMD_CREQUEST_PROCESS	USMD_OVP_GEN	/UGI/USMD_U1_OVP_MPMI	UMPB
1223	LOAD	USMD_EDITION_CREQUEST	USMD_EDITION_CREQUEST	USMD_OVP_GEN	/UGI/USMD_U1_OVP_MPMI	UMPB
1223	LOAD	USMD_SEARCH	/UGI/USMD_SEARCH_MPMI	USMD_OVP_GEN	/UGI/USMD_U1_OVP_MPMI	UMPB

UI navigations for Measuring Point

BO Type	Log. Action	Current UI Application Name	Current UI Configuration	Target UI Application	Target UI Configuration	Business Activity
1230	*	USMD_CREQUEST_PROCESS	*	USMD_OVP_GEN	/UGI/USMD_U1_OVP_MSPOINT	
1230	CREATE	USMD_CHANGE_DOCUMENT	USMD_CHANGE_DOCUMENT	USMD_OVP_GEN	/UGI/USMD_U1_OVP_MSPOINT	UMS1
1230	CREATE	USMD_CREQUEST_PROCESS	USMD_CREQUEST_PROCESS	USMD_OVP_GEN	/UGI/USMD_U1_OVP_MSPOINT	UMS1
1230	CREATE	USMD_EDITION_CREQUEST	USMD_EDITION_CREQUEST	USMD_OVP_GEN	/UGI/USMD_U1_OVP_MSPOINT	UMS1



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1230	CREATE	USMD_OVP_GEN	/UGI/USMD_U1_OVP_MSPOINT	USMD_OVP_GEN	/UGI/USMD_U1_OVP_MSPOINT	UMS1
1230	CREATE	USMD_SEARCH	/UGI/USMD_SEARCH_MSPOINT	USMD_OVP_GEN	/UGI/USMD_U1_OVP_MSPOINT	UMS1
1230	CHANGE	USMD_CHANGE_DOCUMENT	USMD_CHANGE_DOCUMENT	USMD_OVP_GEN	/UGI/USMD_U1_OVP_MSPOINT	UMS2
1230	CHANGE	USMD_CREQUEST_PROCESS	USMD_CREQUEST_PROCESS	USMD_OVP_GEN	/UGI/USMD_U1_OVP_MSPOINT	UMS2
1230	CHANGE	USMD_EDITION_CREQUEST	USMD_EDITION_CREQUEST	USMD_OVP_GEN	/UGI/USMD_U1_OVP_MSPOINT	UMS2
1230	CHANGE	USMD_OVP_GEN	/UGI/USMD_U1_OVP_MSPOINT	USMD_OVP_GEN	/UGI/USMD_U1_OVP_MSPOINT	UMS2
1230	CHANGE	USMD_SEARCH	/UGI/USMD_SEARCH_MSPOINT	USMD_OVP_GEN	/UGI/USMD_U1_OVP_MSPOINT	UMS2
1230	DISPLAY	USMD_SEARCH	/UGI/USMD_SEARCH_MSPOINT	USMD_OVP_GEN	/UGI/USMD_U1_OVP_MSPOINT	UMS3
1230	DISPLAY	*	*	USMD_OVP_GEN	/UGI/USMD_U1_OVP_MSPOINT	UMS3
1230	DELETE	USMD_EDITION_CREQUEST	USMD_EDITION_CREQUEST	USMD_OVP_GEN	/UGI/USMD_U1_OVP_MSPOINT	UMS6
1230	DELETE	USMD_OVP_GEN	/UGI/USMD_U1_OVP_MSPOINT	USMD_OVP_GEN	/UGI/USMD_U1_OVP_MSPOINT	UMS6
1230	DELETE	USMD_SEARCH	/UGI/USMD_SEARCH_MSPOINT	USMD_OVP_GEN	/UGI/USMD_U1_OVP_MSPOINT	UMS6
1230	MASS	USMD_CREQUEST_PROCESS	USMD_CREQUEST_PROCESS	USMD_OVP_GEN	/UGI/USMD_U1_OVP_MSPOINT	UMSA
1230	MASS	USMD_EDITION_CREQUEST	USMD_EDITION_CREQUEST	USMD_OVP_GEN	/UGI/USMD_U1_OVP_MSPOINT	UMSA
1230	MASS	USMD_SEARCH	/UGI/USMD_SEARCH_MSPOINT	USMD_OVP_GEN	/UGI/USMD_U1_OVP_MSPOINT	UMSA
1230	LOAD	USMD_CREQUEST_PROCESS	USMD_CREQUEST_PROCESS	USMD_OVP_GEN	/UGI/USMD_U1_OVP_MSPOINT	UMSB
1230	LOAD	USMD_EDITION_CREQUEST	USMD_EDITION_CREQUEST	USMD_OVP_GEN	/UGI/USMD_U1_OVP_MSPOINT	UMSB
1230	LOAD	USMD_SEARCH	/UGI/USMD_SEARCH_MSPOINT	USMD_OVP_GEN	/UGI/USMD_U1_OVP_MSPOINT	UMSB



**When Linear Asset Management (LAM) in Utopia MDG EAM 730 is activated below mentioned manual activities need to be completed**

1. Navigate to SAP IMG activity via **General Settings** > **Process Modeling** > **Business Activities** > **Link Log. Actions with UI Application and Bus. Act. Standard Definition**.
2. Either update existing records or create new entries by following the table provided below

**Table 3: EAM Objects Logical Actions UI Application and Bus Act. Linkage (LAM Only) – Manual Entry Required**

**UI navigations for Equipment Master (LAM)**

BO Type	Log. Action	Current UI Application Name	Current UI Configuration	Target UI Application	Target UI Configuration	Business Activity
183	*	USMD_CREQUEST_PROCESS	*	USMD_OVP_GEN	/UGI/USMD_U1_OVP_EQUI_LAM	
183	CREATE	USMD_CHANGE_DOCUMENT	USMD_CHANGE_DOCUMENT	USMD_OVP_GEN	/UGI/USMD_U1_OVP_EQUI_LAM	UEQ1
183	CREATE	USMD_CREQUEST_PROCESS	USMD_CREQUEST_PROCESS	USMD_OVP_GEN	/UGI/USMD_U1_OVP_EQUI_LAM	UEQ1
183	CREATE	USMD_EDITION_CREQUEST	USMD_EDITION_CREQUEST	USMD_OVP_GEN	/UGI/USMD_U1_OVP_EQUI_LAM	UEQ1
183	CREATE	USMD_OVP_GEN	/UGI/USMD_U1_OVP_EQUI_LAM	USMD_OVP_GEN	/UGI/USMD_U1_OVP_EQUI_LAM	UEQ1
183	CREATE	USMD_SEARCH	/UGI/USMD_SEARCH_EQUI_LAM	USMD_OVP_GEN	/UGI/USMD_U1_OVP_EQUI_LAM	UEQ1
183	CHANGE	USMD_CHANGE_DOCUMENT	USMD_CHANGE_DOCUMENT	USMD_OVP_GEN	/UGI/USMD_U1_OVP_EQUI_LAM	UEQ2
183	CHANGE	USMD_CREQUEST_PROCESS	USMD_CREQUEST_PROCESS	USMD_OVP_GEN	/UGI/USMD_U1_OVP_EQUI_LAM	UEQ2
183	CHANGE	USMD_EDITION_CREQUEST	USMD_EDITION_CREQUEST	USMD_OVP_GEN	/UGI/USMD_U1_OVP_EQUI_LAM	UEQ2
183	CHANGE	USMD_OVP_GEN	/UGI/USMD_U1_OVP_EQUI_LAM	USMD_OVP_GEN	/UGI/USMD_U1_OVP_EQUI_LAM	UEQ2
183	CHANGE	USMD_SEARCH	/UGI/USMD_SEARCH_EQUI_LAM	USMD_OVP_GEN	/UGI/USMD_U1_OVP_EQUI_LAM	UEQ2
183	DISPLAY	USMD_SEARCH	/UGI/USMD_SEARCH_EQUI_LAM	USMD_OVP_GEN	/UGI/USMD_U1_OVP_EQUI_LAM	UEQ3
183	DISPLAY	*	*	USMD_OVP_GEN	/UGI/USMD_U1_OVP_EQUI_LAM	UEQ3
183	DELETE	USMD_EDITION_CREQUEST	USMD_EDITION_CREQUEST	USMD_OVP_GEN	/UGI/USMD_U1_OVP_EQUI_LAM	UEQ6
183	DELETE	USMD_OVP_GEN	/UGI/USMD_U1_OVP_EQUI_LAM	USMD_OVP_GEN	/UGI/USMD_U1_OVP_EQUI_LAM	UEQ6
183	DELETE	USMD_SEARCH	/UGI/USMD_SEARCH_EQUI_LAM	USMD_OVP_GEN	/UGI/USMD_U1_OVP_EQUI_LAM	UEQ6
183	MASS	USMD_CREQUEST_PROCESS	USMD_CREQUEST_PROCESS	USMD_OVP_GEN	/UGI/USMD_U1_OVP_EQUI_LAM	UEQA
183	MASS	USMD_EDITION_CREQUEST	USMD_EDITION_CREQUEST	USMD_OVP_GEN	/UGI/USMD_U1_OVP_EQUI_LAM	UEQA



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183	MASS	USMD_SEARCH	/UGI/USMD_SEARCH_EQUI_LAM	USMD_OVP_GEN	/UGI/USMD_U1_OVP_EQUI_LAM	UEQA
183	LOAD	USMD_CREQUEST_PROCESS	USMD_CREQUEST_PROCESS	USMD_OVP_GEN	/UGI/USMD_U1_OVP_EQUI_LAM	UEQB
183	LOAD	USMD_EDITION_CREQUEST	USMD_EDITION_CREQUEST	USMD_OVP_GEN	/UGI/USMD_U1_OVP_EQUI_LAM	UEQB
183	LOAD	USMD_SEARCH	/UGI/USMD_SEARCH_EQUI_LAM	USMD_OVP_GEN	/UGI/USMD_U1_OVP_EQUI_LAM	UEQB

UI navigations for Functional Location (LAM)

BO Type	Log. Action	Current UI Application Name	Current UI Configuration	Target UI Application	Target UI Configuration	Business Activity
185	*	USMD_CREQUEST_PROCESS	*	USMD_OVP_GEN	/UGI/USMD_U1_OVP_FUNCLOC_LAM	
185	CREATE	USMD_CHANGE_DOCUMENT	USMD_CHANGE_DOCUMENT	USMD_OVP_GEN	/UGI/USMD_U1_OVP_FUNCLOC_LAM	UFL1
185	CREATE	USMD_CREQUEST_PROCESS	USMD_CREQUEST_PROCESS	USMD_OVP_GEN	/UGI/USMD_U1_OVP_FUNCLOC_LAM	UFL1
185	CREATE	USMD_EDITION_CREQUEST	USMD_EDITION_CREQUEST	USMD_OVP_GEN	/UGI/USMD_U1_OVP_FUNCLOC_LAM	UFL1
185	CREATE	USMD_OVP_GEN	/UGI/USMD_U1_OVP_FUNCLOC_LAM	USMD_OVP_GEN	/UGI/USMD_U1_OVP_FUNCLOC_LAM	UFL1
185	CREATE	USMD_SEARCH	/UGI/USMD_SEARCH_FUNCLOC_LAM	USMD_OVP_GEN	/UGI/USMD_U1_OVP_FUNCLOC_LAM	UFL1
185	CHANGE	USMD_CHANGE_DOCUMENT	USMD_CHANGE_DOCUMENT	USMD_OVP_GEN	/UGI/USMD_U1_OVP_FUNCLOC_LAM	UFL2
185	CHANGE	USMD_CREQUEST_PROCESS	USMD_CREQUEST_PROCESS	USMD_OVP_GEN	/UGI/USMD_U1_OVP_FUNCLOC_LAM	UFL2
185	CHANGE	USMD_EDITION_CREQUEST	USMD_EDITION_CREQUEST	USMD_OVP_GEN	/UGI/USMD_U1_OVP_FUNCLOC_LAM	UFL2
185	CHANGE	USMD_OVP_GEN	/UGI/USMD_U1_OVP_FUNCLOC_LAM	USMD_OVP_GEN	/UGI/USMD_U1_OVP_FUNCLOC_LAM	UFL2
185	CHANGE	USMD_SEARCH	/UGI/USMD_SEARCH_FUNCLOC_LAM	USMD_OVP_GEN	/UGI/USMD_U1_OVP_FUNCLOC_LAM	UFL2
185	DISPLAY	USMD_SEARCH	/UGI/USMD_SEARCH_FUNCLOC_LAM	USMD_OVP_GEN	/UGI/USMD_U1_OVP_FUNCLOC_LAM	UFL3
185	DISPLAY	*	*	USMD_OVP_GEN	/UGI/USMD_U1_OVP_FUNCLOC_LAM	UFL3
185	DELETE	USMD_EDITION_CREQUEST	USMD_EDITION_CREQUEST	USMD_OVP_GEN	/UGI/USMD_U1_OVP_FUNCLOC_LAM	UFL6
185	DELETE	USMD_OVP_GEN	/UGI/USMD_U1_OVP_FUNCLOC_LAM	USMD_OVP_GEN	/UGI/USMD_U1_OVP_FUNCLOC_LAM	UFL6
185	DELETE	USMD_SEARCH	/UGI/USMD_SEARCH_FUNCLOC_LAM	USMD_OVP_GEN	/UGI/USMD_U1_OVP_FUNCLOC_LAM	UFL6
185	MASS	USMD_CREQUEST_PROCESS	USMD_CREQUEST_PROCESS	USMD_OVP_GEN	/UGI/USMD_U1_OVP_FUNCLOC_LAM	UFLA
185	MASS	USMD_EDITION_CREQUEST	USMD_EDITION_CREQUEST	USMD_OVP_GEN	/UGI/USMD_U1_OVP_FUNCLOC_LAM	UFLA
185	MASS	USMD_SEARCH	/UGI/USMD_SEARCH_FUNCLOC_LAM	USMD_OVP_GEN	/UGI/USMD_U1_OVP_FUNCLOC_LAM	UFLA





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1223	LOAD	USMD_EDITION_CREQUEST	USMD_EDITION_CREQUEST	USMD_OVP_GEN	/UGI/USMD_U1_OVP_MPMI_LAM	UMPB
1223	LOAD	USMD_SEARCH	/UGI/USMD_SEARCH_MPMI_LAM	USMD_OVP_GEN	/UGI/USMD_U1_OVP_MPMI_LAM	UMPB

**UI navigations for Measuring Point (LAM)**

BO Type	Log. Action	Current UI Application Name	Current UI Configuration	Target UI Application	Target UI Configuration	Business Activity
1230	*	USMD_CREQUEST_PROCESS	*	USMD_OVP_GEN	/UGI/USMD_U1_OVP_MSPOINT_LAM	
1230	CREATE	USMD_CHANGE_DOCUMENT	USMD_CHANGE_DOCUMENT	USMD_OVP_GEN	/UGI/USMD_U1_OVP_MSPOINT_LAM	UMS1
1230	CREATE	USMD_CREQUEST_PROCESS	USMD_CREQUEST_PROCESS	USMD_OVP_GEN	/UGI/USMD_U1_OVP_MSPOINT_LAM	UMS1
1230	CREATE	USMD_EDITION_CREQUEST	USMD_EDITION_CREQUEST	USMD_OVP_GEN	/UGI/USMD_U1_OVP_MSPOINT_LAM	UMS1
1230	CREATE	USMD_OVP_GEN	/UGI/USMD_U1_OVP_MSPOINT_LAM	USMD_OVP_GEN	/UGI/USMD_U1_OVP_MSPOINT_LAM	UMS1
1230	CREATE	USMD_SEARCH	/UGI/USMD_SEARCH_MSPOINT_LAM	USMD_OVP_GEN	/UGI/USMD_U1_OVP_MSPOINT_LAM	UMS1
1230	CHANGE	USMD_CHANGE_DOCUMENT	USMD_CHANGE_DOCUMENT	USMD_OVP_GEN	/UGI/USMD_U1_OVP_MSPOINT_LAM	UMS2
1230	CHANGE	USMD_CREQUEST_PROCESS	USMD_CREQUEST_PROCESS	USMD_OVP_GEN	/UGI/USMD_U1_OVP_MSPOINT_LAM	UMS2
1230	CHANGE	USMD_EDITION_CREQUEST	USMD_EDITION_CREQUEST	USMD_OVP_GEN	/UGI/USMD_U1_OVP_MSPOINT_LAM	UMS2
1230	CHANGE	USMD_OVP_GEN	/UGI/USMD_U1_OVP_MSPOINT_LAM	USMD_OVP_GEN	/UGI/USMD_U1_OVP_MSPOINT_LAM	UMS2
1230	CHANGE	USMD_SEARCH	/UGI/USMD_SEARCH_MSPOINT_LAM	USMD_OVP_GEN	/UGI/USMD_U1_OVP_MSPOINT_LAM	UMS2
1230	DISPLAY	USMD_SEARCH	/UGI/USMD_SEARCH_MSPOINT_LAM	USMD_OVP_GEN	/UGI/USMD_U1_OVP_MSPOINT_LAM	UMS3
1230	DISPLAY	*	*	USMD_OVP_GEN	/UGI/USMD_U1_OVP_MSPOINT_LAM	UMS3
1230	DELETE	USMD_EDITION_CREQUEST	USMD_EDITION_CREQUEST	USMD_OVP_GEN	/UGI/USMD_U1_OVP_MSPOINT_LAM	UMS6
1230	DELETE	USMD_OVP_GEN	/UGI/USMD_U1_OVP_MSPOINT_LAM	USMD_OVP_GEN	/UGI/USMD_U1_OVP_MSPOINT_LAM	UMS6
1230	DELETE	USMD_SEARCH	/UGI/USMD_SEARCH_MSPOINT_LAM	USMD_OVP_GEN	/UGI/USMD_U1_OVP_MSPOINT_LAM	UMS6
1230	MASS	USMD_CREQUEST_PROCESS	USMD_CREQUEST_PROCESS	USMD_OVP_GEN	/UGI/USMD_U1_OVP_MSPOINT_LAM	UMSA
1230	MASS	USMD_EDITION_CREQUEST	USMD_EDITION_CREQUEST	USMD_OVP_GEN	/UGI/USMD_U1_OVP_MSPOINT_LAM	UMSA
1230	MASS	USMD_SEARCH	/UGI/USMD_SEARCH_MSPOINT_LAM	USMD_OVP_GEN	/UGI/USMD_U1_OVP_MSPOINT_LAM	UMSA
1230	LOAD	USMD_CREQUEST_PROCESS	USMD_CREQUEST_PROCESS	USMD_OVP_GEN	/UGI/USMD_U1_OVP_MSPOINT_LAM	UMSB
1230	LOAD	USMD_EDITION_CREQUEST	USMD_EDITION_CREQUEST	USMD_OVP_GEN	/UGI/USMD_U1_OVP_MSPOINT_LAM	UMSB

#### 4. Link Logical Actions with Business Activity: Standard Definition

For more information, see Customizing for Master Data Governance under [General Settings](#) > [Process Modeling](#) > [Business Activities](#) > [Link Logical Actions with Business Activity: Standard Definition](#).

**Table 4: EAM Objects Logical Actions with Business Activity Linkage (NON-LAM) - Manual Entry Required**

UI application Name	UI configuration	Log.Action	Description	Bus.Activity	Description
USMD_SEARCH	/UGI/USMD_SEARCH_TLEQ	CREATE	Create	ETL1	Create Equipment Task List Master
USMD_CHANGE_DOCUMENT	/UGI/USMD_SEARCH_TLEQ	CREATE	Create	ETL1	Create Equipment Task List Master
USMD_OVP_GEN	/UGI/USMD_U1_OVP_TASKLIST_EQ	CREATE	Create	ETL1	Create Equipment Task List Master
USMD_SEARCH	/UGI/USMD_SEARCH_TLEQ	CHANGE	Change	ETL2	Process Equipment Task List Master
USMD_CHANGE_DOCUMENT	/UGI/USMD_SEARCH_TLEQ	CHANGE	Change	ETL2	Process Equipment Task List Master
USMD_OVP_GEN	/UGI/USMD_U1_OVP_TASKLIST_EQ	CHANGE	Change	ETL2	Process Equipment Task List Master
USMD_OVP_GEN	/UGI/USMD_U1_OVP_TASKLIST_EQ	DISPLAY	Display	ETL3	Display Equipment Task List Master
USMD_SEARCH	/UGI/USMD_SEARCH_TLEQ	DELETE	Delete	ETL6	Mark for Deletion Equipment Task List
USMD_CHANGE_DOCUMENT	/UGI/USMD_SEARCH_TLEQ	DELETE	Delete	ETL6	Mark for Deletion Equipment Task List
USMD_OVP_GEN	/UGI/USMD_U1_OVP_TASKLIST_EQ	DELETE	Delete	ETL6	Mark for Deletion Equipment Task List
USMD_CREQUEST_CREATE	/UGI/USMD_CREQ_CREATE_EQTASKLIST	MASS	Mass Processing	ETLA	Mass Update Equipment Task List Master
USMD_SEARCH	/UGI/USMD_SEARCH_TLFL	CREATE	Create	FTL1	Create Functional Loc Task List Master
USMD_CHANGE_DOCUMENT	/UGI/USMD_SEARCH_TLFL	CREATE	Create	FTL1	Create Functional Loc Task List Master
USMD_OVP_GEN	/UGI/USMD_U1_OVP_TASKLIST_FL	CREATE	Create	FTL1	Create Functional Loc Task List Master
USMD_SEARCH	/UGI/USMD_SEARCH_TLFL	CHANGE	Change	FTL2	Process Functional Loc Task List Master
USMD_CHANGE_DOCUMENT	/UGI/USMD_SEARCH_TLFL	CHANGE	Change	FTL2	Process Functional Loc Task List Master
USMD_OVP_GEN	/UGI/USMD_U1_OVP_TASKLIST_FL	CHANGE	Change	FTL2	Process Functional Loc Task List Master
USMD_OVP_GEN	/UGI/USMD_U1_OVP_TASKLIST_FL	DISPLAY	Display	FTL3	Display Functional Loc Task List Master



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USMD_SEARCH	/UGI/USMD_SEARCH_TLFL	DELETE	Delete	FTL6	Mark for Deletion Floc Task List Master
USMD_CHANGE_DOCUMENT	/UGI/USMD_SEARCH_TLFL	DELETE	Delete	FTL6	Mark for Deletion Floc Task List Master
USMD_OVP_GEN	/UGI/USMD_U1_OVP_TASKLIST_FL	DELETE	Delete	FTL6	Mark for Deletion Floc Task List Master
USMD_CREQUEST_CREATE	/UGI/USMD_CREQ_CREATE_FLTASKLIST	MASS	Mass Processing	FTLA	Mass Update Floc Task List Master
USMD_CHANGE_DOCUMENT	/UGI/USMD_SEARCH_EQUI	CREATE	Create	UEQ1	Create Equipment Master
USMD_SEARCH	/UGI/USMD_SEARCH_EQUI	CREATE	Create	UEQ1	Create Equipment Master
USMD_OVP_GEN	/UGI/USMD_U1_OVP_EQUI	CREATE	Create	UEQ1	Create Equipment Master
USMD_CHANGE_DOCUMENT	/UGI/USMD_SEARCH_EQUI	CHANGE	Change	UEQ2	Process Equipment Master
USMD_SEARCH	/UGI/USMD_SEARCH_EQUI	CHANGE	Change	UEQ2	Process Equipment Master
USMD_OVP_GEN	/UGI/USMD_U1_OVP_EQUI	CHANGE	Change	UEQ2	Process Equipment Master
USMD_OVP_GEN	/UGI/USMD_U1_OVP_EQUI	DISPLAY	Display	UEQ3	Display Equipment Master
USMD_CHANGE_DOCUMENT	/UGI/USMD_SEARCH_EQUI	DELETE	Delete	UEQ6	Mark Equipment Master for Deletion
USMD_SEARCH	/UGI/USMD_SEARCH_EQUI	DELETE	Delete	UEQ6	Mark Equipment Master for Deletion
USMD_OVP_GEN	/UGI/USMD_U1_OVP_EQUI	DELETE	Delete	UEQ6	Mark Equipment Master for Deletion
USMD_CREQUEST_CREATE	/UGI/USMD_CREQUEST_CREATE_EQUI	MASS	Mass Processing	UEQA	Mass Update Equipment Masters
USMD_CHANGE_DOCUMENT	/UGI/USMD_SEARCH_FUNCLOC	CREATE	Create	UFL1	Create Functional Location
USMD_SEARCH	/UGI/USMD_SEARCH_FUNCLOC	CREATE	Create	UFL1	Create Functional Location
USMD_OVP_GEN	/UGI/USMD_U1_OVP_FUNCLOC	CREATE	Create	UFL1	Create Functional Location
USMD_CHANGE_DOCUMENT	/UGI/USMD_SEARCH_FUNCLOC	CHANGE	Change	UFL2	Process Functional Location
USMD_SEARCH	/UGI/USMD_SEARCH_FUNCLOC	CHANGE	Change	UFL2	Process Functional Location
USMD_OVP_GEN	/UGI/USMD_U1_OVP_FUNCLOC	CHANGE	Change	UFL2	Process Functional Location
USMD_OVP_GEN	/UGI/USMD_U1_OVP_FUNCLOC	DISPLAY	Display	UFL3	Display Functional Location Master
USMD_CHANGE_DOCUMENT	/UGI/USMD_SEARCH_FUNCLOC	DELETE	Delete	UFL6	Mark Functional Location for Deletion
USMD_SEARCH	/UGI/USMD_SEARCH_FUNCLOC	DELETE	Delete	UFL6	Mark Functional Location for Deletion
USMD_OVP_GEN	/UGI/USMD_U1_OVP_FUNCLOC	DELETE	Delete	UFL6	Mark Functional Location for Deletion
USMD_CHANGE_DOCUMENT	/UGI/USMD_SEARCH_PMBOMHDR	CREATE	Create	UMB1	Create MRO BOM
USMD_SEARCH	/UGI/USMD_SEARCH_PMBOMHDR	CREATE	Create	UMB1	Create MRO BOM
USMD_OVP_GEN	/UGI/USMD_U1_OVP_PMBOMHDR	CREATE	Create	UMB1	Create MRO BOM



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USMD_CHANGE_DOCUMENT	/UGI/USMD_SEARCH_PMBOMHDR	CHANGE	Change	UMB2	Process MRO BOM
USMD_SEARCH	/UGI/USMD_SEARCH_PMBOMHDR	CHANGE	Change	UMB2	Process MRO BOM
USMD_OVP_GEN	/UGI/USMD_U1_OVP_PMBOMHDR	CHANGE	Change	UMB2	Process MRO BOM
USMD_OVP_GEN	/UGI/USMD_U1_OVP_PMBOMHDR	DISPLAY	Display	UMB3	Display MRO BOM
USMD_CHANGE_DOCUMENT	/UGI/USMD_SEARCH_PMBOMHDR	DELETE	Delete	UMB6	Mark MRO BOM for Deletion
USMD_SEARCH	/UGI/USMD_SEARCH_PMBOMHDR	DELETE	Delete	UMB6	Mark MRO BOM for Deletion
USMD_OVP_GEN	/UGI/USMD_U1_OVP_PMBOMHDR	DELETE	Delete	UMB6	Mark MRO BOM for Deletion
USMD_CHANGE_DOCUMENT	/UGI/USMD_SEARCH_MPMI	CREATE	Create	UMP1	Create Maintenance Plan
USMD_SEARCH	/UGI/USMD_SEARCH_MPMI	CREATE	Create	UMP1	Create Maintenance Plan
USMD_OVP_GEN	/UGI/USMD_U1_OVP_MPMI	CREATE	Create	UMP1	Create Maintenance Plan
USMD_CHANGE_DOCUMENT	/UGI/USMD_SEARCH_MPMI	CHANGE	Change	UMP2	Process Maintenance Plan
USMD_SEARCH	/UGI/USMD_SEARCH_MPMI	CHANGE	Change	UMP2	Process Maintenance Plan
USMD_OVP_GEN	/UGI/USMD_U1_OVP_MPMI	CHANGE	Change	UMP2	Process Maintenance Plan
USMD_OVP_GEN	/UGI/USMD_U1_OVP_MPMI	DISPLAY	Display	UMP3	Display Maintenance Plan
USMD_CHANGE_DOCUMENT	/UGI/USMD_SEARCH_MPMI	DELETE	Delete	UMP6	Mark Maintenance Plan for Deletion
USMD_SEARCH	/UGI/USMD_SEARCH_MPMI	DELETE	Delete	UMP6	Mark Maintenance Plan for Deletion
USMD_OVP_GEN	/UGI/USMD_U1_OVP_MPMI	DELETE	Delete	UMP6	Mark Maintenance Plan for Deletion
USMD_CREQUEST_CREATE	/UGI/USMD_CREQ_CREATE_MPMI	MASS	Mass Processing	UMPA	Mass Update Maintenance Plan
USMD_CHANGE_DOCUMENT	/UGI/USMD_SEARCH_MSPOINT	CREATE	Create	UMS1	Create Measuring Point Master
USMD_SEARCH	/UGI/USMD_SEARCH_MSPOINT	CREATE	Create	UMS1	Create Measuring Point Master
USMD_OVP_GEN	/UGI/USMD_U1_OVP_MSPOINT	CREATE	Create	UMS1	Create Measuring Point Master
USMD_CHANGE_DOCUMENT	/UGI/USMD_SEARCH_MSPOINT	CHANGE	Change	UMS2	Process Measuring Point Master
USMD_SEARCH	/UGI/USMD_SEARCH_MSPOINT	CHANGE	Change	UMS2	Process Measuring Point Master
USMD_OVP_GEN	/UGI/USMD_U1_OVP_MSPOINT	CHANGE	Change	UMS2	Process Measuring Point Master
USMD_SEARCH	/UGI/USMD_SEARCH_MSPOINT	DISPLAY	Display	UMS3	Display Measuring Point Master
USMD_OVP_GEN	/UGI/USMD_U1_OVP_MSPOINT	DISPLAY	Display	UMS3	Display Measuring Point Master
USMD_CREQUEST_CREATE	/UGI/USMD_CREQ_CREATE_MSPOINT	MASS	Mass Processing	UMSA	Mass Update Measuring Point Masters
USMD_CHANGE_DOCUMENT	/UGI/USMD_SEARCH_TLGN	CREATE	Create	UTL1	Create General Task List Master



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USMD_SEARCH	/UGI/USMD_SEARCH_TLGN	CREATE	Create	UTL1	Create General Task List Master
USMD_OVP_GEN	/UGI/USMD_U1_OVP_TASKLIST	CREATE	Create	UTL1	Create General Task List Master
USMD_CHANGE_DOCUMENT	/UGI/USMD_SEARCH_TLGN	CHANGE	Change	UTL2	Process General Task List Master
USMD_SEARCH	/UGI/USMD_SEARCH_TLGN	CHANGE	Change	UTL2	Process General Task List Master
USMD_OVP_GEN	/UGI/USMD_U1_OVP_TASKLIST	CHANGE	Change	UTL2	Process General Task List Master
USMD_OVP_GEN	/UGI/USMD_U1_OVP_TASKLIST	DISPLAY	Display	UTL3	Display General Task List Master
USMD_CHANGE_DOCUMENT	/UGI/USMD_SEARCH_TLGN	DELETE	Delete	UTL6	Mark for Deletion Gen Task List Master
USMD_SEARCH	/UGI/USMD_SEARCH_TLGN	DELETE	Delete	UTL6	Mark for Deletion Gen Task List Master
USMD_OVP_GEN	/UGI/USMD_U1_OVP_TASKLIST	DELETE	Delete	UTL6	Mark for Deletion Gen Task List Master
USMD_CREQUEST_CREATE	/UGI/USMD_CREQ_CREATE_TASKLIST	MASS	Mass Processing	UTLA	Mass Update General Task List Master
USMD_CHANGE_DOCUMENT	/UGI/USMD_SEARCH_WORKCNTR	CREATE	Create	UWC1	Create Work Center
USMD_SEARCH	/UGI/USMD_SEARCH_WORKCNTR	CREATE	Create	UWC1	Create Work Center
USMD_OVP_GEN	/UGI/USMD_U1_OVP_WORKCNTR	CREATE	Create	UWC1	Create Work Center
USMD_CHANGE_DOCUMENT	/UGI/USMD_SEARCH_WORKCNTR	CHANGE	Change	UWC2	Process Work Center
USMD_SEARCH	/UGI/USMD_SEARCH_WORKCNTR	CHANGE	Change	UWC2	Process Work Center
USMD_OVP_GEN	/UGI/USMD_U1_OVP_WORKCNTR	CHANGE	Change	UWC2	Process Work Center
USMD_OVP_GEN	/UGI/USMD_U1_OVP_WORKCNTR	DISPLAY	Display	UWC3	Display Work Center
USMD_CHANGE_DOCUMENT	/UGI/USMD_SEARCH_WORKCNTR	DELETE	Delete	UWC6	Mark Work Center for Deletion
USMD_SEARCH	/UGI/USMD_SEARCH_WORKCNTR	DELETE	Delete	UWC6	Mark Work Center for Deletion
USMD_OVP_GEN	/UGI/USMD_U1_OVP_WORKCNTR	DELETE	Delete	UWC6	Mark Work Center for Deletion
USMD_CREQUEST_CREATE	/UGI/USMD_CREQ_CREATE_WKCTR	MASS	Mass Processing	UWCA	Mass Update Work Centers



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**When Linear Asset Management (LAM) in Utopia MDG EAM 730 is activated below mentioned manual activities need to be completed**

For more information, see Customizing for *Master Data Governance* under **General Settings** > **Process Modeling** > **Business Activities** > **Link Logical Actions with Business Activity: Standard Definition**.

**Table 5: EAM Objects Logical Actions with Business Activity Linkage (LAM Only) - Manual Entry Required**

UI application Name	UI configuration	Log.Action	Description	Bus.Activity	Description
USMD_SEARCH	/UGI/USMD_SEARCH_TLEQ	CREATE	Create	ETL1	Create Equipment Task List Master
USMD_CHANGE_DOCUMENT	/UGI/USMD_SEARCH_TLEQ	CREATE	Create	ETL1	Create Equipment Task List Master
USMD_OVP_GEN	/UGI/USMD_U1_OVP_TASKLIST_EQ	CREATE	Create	ETL1	Create Equipment Task List Master
USMD_SEARCH	/UGI/USMD_SEARCH_TLEQ	CHANGE	Change	ETL2	Process Equipment Task List Master
USMD_CHANGE_DOCUMENT	/UGI/USMD_SEARCH_TLEQ	CHANGE	Change	ETL2	Process Equipment Task List Master
USMD_OVP_GEN	/UGI/USMD_U1_OVP_TASKLIST_EQ	CHANGE	Change	ETL2	Process Equipment Task List Master
USMD_OVP_GEN	/UGI/USMD_U1_OVP_TASKLIST_EQ	DISPLAY	Display	ETL3	Display Equipment Task List Master
USMD_SEARCH	/UGI/USMD_SEARCH_TLEQ	DELETE	Delete	ETL6	Mark for Deletion Equipment Task List
USMD_CHANGE_DOCUMENT	/UGI/USMD_SEARCH_TLEQ	DELETE	Delete	ETL6	Mark for Deletion Equipment Task List
USMD_OVP_GEN	/UGI/USMD_U1_OVP_TASKLIST_EQ	DELETE	Delete	ETL6	Mark for Deletion Equipment Task List
USMD_CREQUEST_CREATE	/UGI/USMD_CREQ_CREATE_EQTASKLIST	MASS	Mass Processing	ETLA	Mass Update Equipment Task List Master
USMD_CHANGE_DOCUMENT	/UGI/USMD_SEARCH_TLFL	CREATE	Create	FTL1	Create Functional Loc Task List Master
USMD_SEARCH	/UGI/USMD_SEARCH_TLFL	CREATE	Create	FTL1	Create Functional Loc Task List Master
USMD_OVP_GEN	/UGI/USMD_U1_OVP_TASKLIST_FL	CREATE	Create	FTL1	Create Functional Loc Task List Master
USMD_CHANGE_DOCUMENT	/UGI/USMD_SEARCH_TLFL	CHANGE	Change	FTL2	Process Functional Loc Task List Master
USMD_SEARCH	/UGI/USMD_SEARCH_TLFL	CHANGE	Change	FTL2	Process Functional Loc Task List Master
USMD_OVP_GEN	/UGI/USMD_U1_OVP_TASKLIST_FL	CHANGE	Change	FTL2	Process Functional Loc Task List Master
USMD_OVP_GEN	/UGI/USMD_U1_OVP_TASKLIST_FL	DISPLAY	Display	FTL3	Display Functional Loc Task List Master
USMD_CHANGE_DOCUMENT	/UGI/USMD_SEARCH_TLFL	DELETE	Delete	FTL6	Mark for Deletion Floc Task List Master
USMD_SEARCH	/UGI/USMD_SEARCH_TLFL	DELETE	Delete	FTL6	Mark for Deletion Floc Task List Master
USMD_OVP_GEN	/UGI/USMD_U1_OVP_TASKLIST_FL	DELETE	Delete	FTL6	Mark for Deletion Floc Task List Master



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USMD_CREQUEST_CREATE	/UGI/USMD_CREQ_CREATE_FLTASKLIST	MASS	Mass Processing	FTLA	Mass Update Floc Task List Master
USMD_CHANGE_DOCUMENT	/UGI/USMD_SEARCH_EQUI_LAM	CREATE	Create	UEQ1	Create Equipment Master
USMD_SEARCH	/UGI/USMD_SEARCH_EQUI_LAM	CREATE	Create	UEQ1	Create Equipment Master
USMD_OVP_GEN	/UGI/USMD_U1_OVP_EQUI_LAM	CREATE	Create	UEQ1	Create Equipment Master
USMD_CHANGE_DOCUMENT	/UGI/USMD_SEARCH_EQUI_LAM	CHANGE	Change	UEQ2	Process Equipment Master
USMD_SEARCH	/UGI/USMD_SEARCH_EQUI_LAM	CHANGE	Change	UEQ2	Process Equipment Master
USMD_OVP_GEN	/UGI/USMD_U1_OVP_EQUI_LAM	CHANGE	Change	UEQ2	Process Equipment Master
USMD_OVP_GEN	/UGI/USMD_U1_OVP_EQUI_LAM	DISPLAY	Display	UEQ3	Display Equipment Master
USMD_CHANGE_DOCUMENT	/UGI/USMD_SEARCH_EQUI_LAM	DELETE	Delete	UEQ6	Mark Equipment Master for Deletion
USMD_SEARCH	/UGI/USMD_SEARCH_EQUI_LAM	DELETE	Delete	UEQ6	Mark Equipment Master for Deletion
USMD_OVP_GEN	/UGI/USMD_U1_OVP_EQUI_LAM	DELETE	Delete	UEQ6	Mark Equipment Master for Deletion
USMD_CHANGE_DOCUMENT	/UGI/USMD_SEARCH_FUNCLOC_LAM	CREATE	Create	UFL1	Create Functional Location
USMD_SEARCH	/UGI/USMD_SEARCH_FUNCLOC_LAM	CREATE	Create	UFL1	Create Functional Location
USMD_OVP_GEN	/UGI/USMD_U1_OVP_FUNCLOC_LAM	CREATE	Create	UFL1	Create Functional Location
USMD_CHANGE_DOCUMENT	/UGI/USMD_SEARCH_FUNCLOC_LAM	CHANGE	Change	UFL2	Process Functional Location
USMD_SEARCH	/UGI/USMD_SEARCH_FUNCLOC_LAM	CHANGE	Change	UFL2	Process Functional Location
USMD_OVP_GEN	/UGI/USMD_U1_OVP_FUNCLOC_LAM	CHANGE	Change	UFL2	Process Functional Location
USMD_OVP_GEN	/UGI/USMD_U1_OVP_FUNCLOC_LAM	DISPLAY	Display	UFL3	Display Functional Location Master
USMD_CHANGE_DOCUMENT	/UGI/USMD_SEARCH_FUNCLOC_LAM	DELETE	Delete	UFL6	Mark Functional Location for Deletion
USMD_SEARCH	/UGI/USMD_SEARCH_FUNCLOC_LAM	DELETE	Delete	UFL6	Mark Functional Location for Deletion
USMD_OVP_GEN	/UGI/USMD_U1_OVP_FUNCLOC_LAM	DELETE	Delete	UFL6	Mark Functional Location for Deletion
USMD_CHANGE_DOCUMENT	/UGI/USMD_SEARCH_PMBOMHDR	CREATE	Create	UMB1	Create MRO BOM
USMD_SEARCH	/UGI/USMD_SEARCH_PMBOMHDR	CREATE	Create	UMB1	Create MRO BOM
USMD_OVP_GEN	/UGI/USMD_U1_OVP_PMBOMHDR	CREATE	Create	UMB1	Create MRO BOM
USMD_CHANGE_DOCUMENT	/UGI/USMD_SEARCH_PMBOMHDR	CHANGE	Change	UMB2	Process MRO BOM
USMD_SEARCH	/UGI/USMD_SEARCH_PMBOMHDR	CHANGE	Change	UMB2	Process MRO BOM
USMD_OVP_GEN	/UGI/USMD_U1_OVP_PMBOMHDR	CHANGE	Change	UMB2	Process MRO BOM
USMD_OVP_GEN	/UGI/USMD_U1_OVP_PMBOMHDR	DISPLAY	Display	UMB3	Display MRO BOM



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USMD_CHANGE_DOCUMENT	/UGI/USMD_SEARCH_PMBOMHDR	DELETE	Delete	UMB6	Mark MRO BOM for Deletion
USMD_SEARCH	/UGI/USMD_SEARCH_PMBOMHDR	DELETE	Delete	UMB6	Mark MRO BOM for Deletion
USMD_OVP_GEN	/UGI/USMD_U1_OVP_PMBOMHDR	DELETE	Delete	UMB6	Mark MRO BOM for Deletion
USMD_CHANGE_DOCUMENT	/UGI/USMD_SEARCH_MPMI_LAM	CREATE	Create	UMP1	Create Maintenance Plan
USMD_OVP_GEN	/UGI/USMD_U1_OVP_MPMI_LAM	CREATE	Create	UMP1	Create Maintenance Plan
USMD_SEARCH	/UGI/USMD_U1_OVP_MPMI_LAM	CREATE	Create	UMP1	Create Maintenance Plan
USMD_CHANGE_DOCUMENT	/UGI/USMD_SEARCH_MPMI_LAM	CHANGE	Change	UMP2	Process Maintenance Plan
USMD_OVP_GEN	/UGI/USMD_U1_OVP_MPMI_LAM	CHANGE	Change	UMP2	Process Maintenance Plan
USMD_SEARCH	/UGI/USMD_U1_OVP_MPMI_LAM	CHANGE	Change	UMP2	Process Maintenance Plan
USMD_OVP_GEN	/UGI/USMD_U1_OVP_MPMI_LAM	DISPLAY	Display	UMP3	Display Maintenance Plan
USMD_CHANGE_DOCUMENT	/UGI/USMD_SEARCH_MPMI_LAM	DELETE	Delete	UMP6	Mark Maintenance Plan for Deletion
USMD_OVP_GEN	/UGI/USMD_U1_OVP_MPMI_LAM	DELETE	Delete	UMP6	Mark Maintenance Plan for Deletion
USMD_SEARCH	/UGI/USMD_U1_OVP_MPMI_LAM	DELETE	Delete	UMP6	Mark Maintenance Plan for Deletion
USMD_CREQUEST_CREATE	/UGI/USMD_U1_OVP_MPMI_LAM	MASS	Mass Processing	UMPA	Mass Update Maintenance Plan
USMD_CHANGE_DOCUMENT	/UGI/USMD_SEARCH_MSPOINT_LAM	CREATE	Create	UMS1	Create Measuring Point Master
USMD_SEARCH	/UGI/USMD_SEARCH_MSPOINT_LAM	CREATE	Create	UMS1	Create Measuring Point Master
USMD_OVP_GEN	/UGI/USMD_U1_OVP_MSPOINT_LAM	CREATE	Create	UMS1	Create Measuring Point Master
USMD_CHANGE_DOCUMENT	/UGI/USMD_SEARCH_MSPOINT_LAM	CHANGE	Change	UMS2	Process Measuring Point Master
USMD_SEARCH	/UGI/USMD_SEARCH_MSPOINT_LAM	CHANGE	Change	UMS2	Process Measuring Point Master
USMD_OVP_GEN	/UGI/USMD_U1_OVP_MSPOINT_LAM	CHANGE	Change	UMS2	Process Measuring Point Master
USMD_SEARCH	/UGI/USMD_SEARCH_MSPOINT_LAM	DISPLAY	Display	UMS3	Display Measuring Point Master
USMD_OVP_GEN	/UGI/USMD_U1_OVP_MSPOINT_LAM	DISPLAY	Display	UMS3	Display Measuring Point Master
USMD_CHANGE_DOCUMENT	/UGI/USMD_SEARCH_TLGN	CREATE	Create	UTL1	Create General Task List Master
USMD_SEARCH	/UGI/USMD_SEARCH_TLGN	CREATE	Create	UTL1	Create General Task List Master
USMD_OVP_GEN	/UGI/USMD_U1_OVP_TASKLIST	CREATE	Create	UTL1	Create General Task List Master
USMD_SEARCH	/UGI/USMD_SEARCH_TLGN	CHANGE	Change	UTL2	Process General Task List Master
USMD_CHANGE_DOCUMENT	/UGI/USMD_SEARCH_TLGN	CHANGE	Change	UTL2	Process General Task List Master
USMD_OVP_GEN	/UGI/USMD_U1_OVP_TASKLIST	CHANGE	Change	UTL2	Process General Task List Master



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USMD_OVP_GEN	/UGI/USMD_U1_OVP_TASKLIST	DISPLAY	Display	UTL3	Display General Task List Master
USMD_CHANGE_DOCUMENT	/UGI/USMD_SEARCH_TLGN	DELETE	Delete	UTL6	Mark for Deletion Gen Task List Master
USMD_SEARCH	/UGI/USMD_SEARCH_TLGN	DELETE	Delete	UTL6	Mark for Deletion Gen Task List Master
USMD_OVP_GEN	/UGI/USMD_U1_OVP_TASKLIST	DELETE	Delete	UTL6	Mark for Deletion Gen Task List Master
USMD_CREQUEST_CREATE	/UGI/USMD_CREQ_CREATE_TASKLIST	MASS	Mass Processing	UTLA	Mass Update General Task List Master
USMD_CHANGE_DOCUMENT	/UGI/USMD_SEARCH_WORKCNTR	CREATE	Create	UWC1	Create Work Center
USMD_SEARCH	/UGI/USMD_SEARCH_WORKCNTR	CREATE	Create	UWC1	Create Work Center
USMD_OVP_GEN	/UGI/USMD_U1_OVP_WORKCNTR	CREATE	Create	UWC1	Create Work Center
USMD_CHANGE_DOCUMENT	/UGI/USMD_SEARCH_WORKCNTR	CHANGE	Change	UWC2	Process Work Center
USMD_SEARCH	/UGI/USMD_SEARCH_WORKCNTR	CHANGE	Change	UWC2	Process Work Center
USMD_OVP_GEN	/UGI/USMD_U1_OVP_WORKCNTR	CHANGE	Change	UWC2	Process Work Center
USMD_OVP_GEN	/UGI/USMD_U1_OVP_WORKCNTR	DISPLAY	Display	UWC3	Display Work Center
USMD_CHANGE_DOCUMENT	/UGI/USMD_SEARCH_WORKCNTR	DELETE	Delete	UWC6	Mark Work Center for Deletion
USMD_SEARCH	/UGI/USMD_SEARCH_WORKCNTR	DELETE	Delete	UWC6	Mark Work Center for Deletion
USMD_OVP_GEN	/UGI/USMD_U1_OVP_WORKCNTR	DELETE	Delete	UWC6	Mark Work Center for Deletion
USMD_CREQUEST_CREATE	/UGI/USMD_CREQ_CREATE_WKCTR	MASS	Mass Processing	UWCA	Mass Update Work Centers

## 5. Verify Remaining Process Modeling Settings

Depending on your company's requirements you might want to adjust and enhance the default change request values loaded in step 2 above.

The following information describes the minimal settings for a basic governance process. For more information about each customizing activity, see the relevant documentation for that customizing activity.

- Review and/or define which statuses the change requests can have, and which processing options are enabled for those statuses. Optionally, you can add new statuses to be used in the change request types.

For more information, see Customizing for *Master Data Governance* under [General Settings](#) > [Process Modeling](#) > [Change Requests](#) > [Edit Statuses of Change Requests](#).

The following statuses are required for the SAP standard process; you should maintain any the missing ones manually:

Status Value	Description	Permitted Processing
00	To Be Evaluated	Change of Object List
01	To Be Considered and Approved	Change of Object List
02	Changes to Be Executed	Execution of Changes
03	To Be Revised	Change of Object List
04	Final Check to Be Performed	No Processing
05	Final Check Approved	No Processing
06	Final Check Rejected	No Processing
07	Activation Failed	No Processing
08	Approved; to Be Replicated	No Processing
09	Dependent Data to Be Processed/Approved	Execution of Changes
10	To Revise: Perform Changes	Execution of Changes
11	Process Errors After Activation	Execution of Changes
12	Approved, Contact Person to be Processed	No Processing
30	To Be Revised with Changes	Execution of Changes
99	No Status Set	No Processing

- Check that the following business activities are in your system and that they are assigned to the default data model U1.

### Equipment Master

- o UEQ1 Create Equipment Master
- o UEQ2 Change Equipment Master
- o UEQ3 Display Equipment Master
- o UEQ6 Mark Equipment Master for Deletion
- o UEQA Mass Update Equipment Master
- o UEQB Import Equipment Master

### Functional Location

- o UFL1 Create Functional Location
- o UFL2 Change Functional Location

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- UFL3 Display Functional Location
- UFL6 Mark Functional Location for Deletion
- UFLA Mass Change Functional Locations
- UFLB Import Functional Locations

### **MRO Bill of Material**

- UMB1 Create MRO BOM
- UMB2 Process MRO BOM
- UMB3 Display MRO BOM
- UMB6 Mark MRO BOM for Deletion
- UMBA Mass Update MRO BOM
- UMBB Import MRO BOM

### **Measuring Point**

- UMS1 Create Measuring Point
- UMS2 Change Measuring Point
- UMS3 Display Measuring Point
- UMS6 Mark Measuring Point for Deletion
- UMSA Mass Update Measuring Point Masters
- UMSB Import Measuring Point Master

### **Maintenance Plan**

- UMP1 Create Maintenance Plan
- UMP2 Change Maintenance Plan
- UMP3 Display Maintenance Plan
- UMP6 Mark Maintenance Plan for Deletion
- UMPA Mass Update Maintenance Plan Masters
- UMPB Import Maintenance Plan Master

### **General Task list**

- UTL1 Create General Task List
- UTL2 Change General Task List
- UTL3 Display General Task List
- UTL6 Mark General Task List for Deletion
- UTLA Mass Update General Task List
- UTLB Import General Task List

### **Equipment Task List**

- ETL1 Create Equipment Task List
- ETL2 Change Equipment Task List
- ETL3 Display Equipment Task List
- ETL6 Mark Equipment Task List for Deletion
- ETLA Mass Change Equipment Task List
- ETLB Import Equipment Task List

### **Functional Location Task List**

- FTL1 Create Functional Location Task List

## SAP Library

- FTL2 Change Functional Location Task List
- FTL3 Display Functional Location Task List
- FTL6 Mark Functional Location Task List for Deletion
- FTLA Mass Update Functional Location Task
- FTLB Import Functional Location Task

## Work Center

- UWC1 Create Work Center
- UWC2 Process Work Center
- UWC3 Display Work Center
- UWC6 Mark Work Center for Deletion
- UWCA Mass Update Work Center
- UWCB Import Work Center

## Mixed Multi Object

- UEAM Mixed Mass Processing

For more information, see *Customizing for Master Data Governance* under [► General Settings ► Process Modeling ► Business Activities ► Create Business Activity](#).

- Create new change request types for data model U1, or validate after import using business configuration sets (BC-Sets).

For more information, see *Customizing for Master Data Governance* under [► General Settings ► Process Modeling ► Change Requests ► Create Change Request Type](#).

The following table shows the proposed change request types for data model U1. Only the relevant columns are included.

Change Request Type	Data Model	Description	Single Object	Main Entity Type	Workflow
EQMAST01	U1	Create Equipment	Yes	EQUI	WS54300020
EQMAST02	U1	Change Equipment	Yes	EQUI	WS54300020
EQMAST06	U1	Mark Equipment for Deletion	Yes	EQUI	WS54300020
EQMAST0A	U1	Process Multiple Equipment Masters	No	EQUI	WS54300020
EQMAST0B	U1	Import Equipment Master	No	EQUI	WS54300020
FUNCLO01	U1	Create Functional Location	Yes	FUNC_LOC	WS54300020
FUNCLO02	U1	Change Functional Location	Yes	FUNC_LOC	WS54300020
FUNCLO06	U1	Delete Functional Location	Yes	FUNC_LOC	WS54300020
FUNCLO0A	U1	Process Multiple Functional Locations	No	FUNC_LOC	WS54300020
FUNCLO0B	U1	Import Functional Location	No	FUNC_LOC	WS54300020

SAP Library

Change Request Type	Data Model	Description	Single Object	Main Entity Type	Workflow
MATBOM01	U1	Create MRO Bill of Material	Yes	PMBOMHDR	WS54300020
MATBOM02	U1	Change MRO Bill of Material	Yes	PMBOMHDR	WS54300020
MATBOM06	U1	Delete MRO Bill of Material	Yes	PMBOMHDR	WS54300020
MATBOM0A	U1	Process Multiple MRO Bill of Material	No	PMBOMHDR	WS54300020
MATBOM0B	U1	Import MRO Bill of Material	No	PMBOMHDR	WS54300020
EAMAST0Z	U1	Process Multiple EAM Masters	No		WS54300020
MEASPT01	U1	Create Measuring Point	Yes	MSPOINT	WS54300020
MEASPT02	U1	Process Measuring Point	Yes	MSPOINT	WS54300020
MEASPT06	U1	Delete Mark Measuring Point	Yes	MSPOINT	WS54300020
MEASPT0A	U1	Process Multiple Measuring Point	No	MSPOINT	WS54300020
MEASPT0B	U1	Import Measuring Point	No	MSPOINT	WS54300020
MPLAN01	U1	Create Maintenance Plan	Yes	MPLAN	WS54300020
MPLAN02	U1	Process Maintenance Plan	Yes	MPLAN	WS54300020
MPLAN06	U1	Delete Mark Maintenance Plan	Yes	MPLAN	WS54300020
MPLAN0A	U1	Process Multiple Maintenance Plan	No	MPLAN	WS54300020
MPLAN0B	U1	Import Maintenance Plan	No	MPLAN	WS54300020
TSLIST01	U1	Create General Task List	Yes	TLGNHDR	WS54300020
TSLIST02	U1	Process General Task List	Yes	TLGNHDR	WS54300020
TSLIST06	U1	Delete Mark General Task List	Yes	TLGNHDR	WS54300020
TSLIST0A	U1	Process Multiple General Task List	No	TLGNHDR	WS54300020
TSLIST0B	U1	Import General Task List	No	TLGNHDR	WS54300020
TLEQ01	U1	Create Equipment Task List	Yes	TLEQHDR	WS54300020
TLEQ02	U1	Process Equipment Task List	Yes	TLEQHDR	WS54300020
TLEQ06	U1	Delete Equipment Mark Task List	Yes	TLEQHDR	WS54300020
TLEQ0A	U1	Process Multiple Equipment Tsk List	No	TLEQHDR	WS54300020
TLEQ0B	U1	Import Equipment Task List	No	TLEQHDR	WS54300020
TLFL01	U1	Create Functional Loc Task List	Yes	TLFLHDR	WS54300020

## SAP Library

Change Request Type	Data Model	Description	Single Object	Main Entity Type	Workflow
TLFL02	U1	Process Functional Loc Task List	Yes	TLFLHDR	WS54300020
TLFL06	U1	Delete Functional Loc Mark Task List	Yes	TLFLHDR	WS54300020
TLFL0A	U1	Process Multiple Functional Loc Tsk List	No	TLFLHDR	WS54300020
TLFL0B	U1	Import Functional Loc Task List	No	TLFLHDR	WS54300020
WRKCTR01	U1	Create Work Center	Yes	WORKCNTR	WS54300020
WRKCTR02	U1	Process Work Center	Yes	WORKCNTR	WS54300020
WRKCTR06	U1	Mark Work Center for Deletion	Yes	WORKCNTR	WS54300020
WRKCTR0A	U1	Process Multiple Work Center	No	WORKCNTR	WS54300020
WRKCTR0B	U1	Import Work Center	No	WORKCNTR	WS54300020

The standard workflow template used by Utopia EAM Solutions for MDG™ is WS54300020. This template is a simple workflow which does not use *BRF+* decision tables. Please see the workflow template in section 14.1 Workflow Template WS54300020. The following settings should exist in the substructures of the change request types:

### Equipment Master

- *EQMAST01*
  - Entity type: EQUI
  - UI Config <leave empty>
  - Msg. Output: *Standard*
  - Business Activity: Create Equipment Master (UEQ1)
  - Service Level Agreement for Change Request Types: <leave empty>
- *EQMAST02*
  - Same as for EQMAST01
  - Business Activity: Change Equipment Master (UEQ2)
- *EQMAST06*
  - Same as for EQMAST01
  - Business Activity: Mark Equipment Master for Deletion (UEQ6)
- *EQMAST0A*
  - Same as for EQMAST01
  - Business Activity: Process Multiple Equipment Masters (UEQA)
- *EQMAST0B*
  - Same as for EQMAST01
  - Business Activity: Import Equipment Master (UEQB)

### Functional Location

- *FUNCL001*

## SAP Library

- Entity type: FUNC\_LOC
- UI Config <leave empty>
- Msg. Output: *Standard*
- Business Activity: Create Functional Location (UFL1)
- Service Level Agreement for Change Request Types: <leave empty>
  
- *FUNCLO02*
  - Same as for FUNCLO01
  - Business Activity: Change Functional Location (UFL2)
  
- *FUNCLO06*
  - Same as for FUNCLO01
  - Business Activity: Mark Functional Location for Deletion (UFL6)
  
- *FUNCLO0A*
  - Same as for FUNCLO01
  - Business Activity: Process Multiple Functional Locations (UFLA)
  
- *FUNCLO0B*
  - Same as for FUNCLO01
  - Business Activity: Import Functional Location (UFLB)

### **MRO Bill of Material**

- *MATBOM01*
  - Entity type: PMBOMHDR
  - UI Config <leave empty>
  - Msg. Output: *Standard*
  - Business Activity: Create MRO BOM (UMB1)
  - Service Level Agreement for Change Request Types: <leave empty>
  
- *MATBOM02*
  - Same as for MATBOM01
  - Business Activity: Change MRO BOM (UMB2)
  
- *MATBOM06*
  - Same as for MATBOM01
  - Business Activity: Mark MRO BOM for Deletion (UMB6)
  
- *MATBOM0A*
  - Same as for MATBOM01
  - Business Activity: Mass Update MRO BOM (UMBA)
  
- *MATBOM0B*
  - Same as for MATBOM01
  - Business Activity: Import MRO BOM (UMBB)

### **Process Multiple EAM Masters**

- *EAMAST0Z*
  - Entity type: EQUI, FUNCLOC, PMBOMHDR, MPLAN, MSPPOINT, TLEQHDR, TFLHDR, TLGNHDR, WORKCNTR
  - UI Config <leave empty>

- Msg. Output: Standard
- Business Activity: Mass Update Different EAM Objects (UEAM)

Service Level Agreement for Change Request Types: <leave empty>

### Measurement Points

- *MEASPT01*
  - Entity type: MSPOINT
  - UI Config <leave empty>
  - Msg. Output: *Standard*
  - Business Activity: Create Measurement Point (UMS1)
  - Service Level Agreement for Change Request Types: <leave empty>
- *MEASPT02*
  - Same as for MEASPTT01
  - Business Activity: Change Measurement Point (UMS2)
- *MEASPT06*
  - Same as for MEASPT01
  - Business Activity: Mark Measurement Point for Deletion (UMS6)
- *MEASPT0A*
  - Same as for MEASPT01
  - Business Activity: Process Multiple Measurement Points (UMSA)
- *MEASPT0B*
  - Same as for MEASPT01
  - Business Activity: Import Measurement Point (UMSB)

### Maintenance Plan

- *MPLAN01*
  - Entity type: MPLAN
  - UI Config <leave empty>
  - Msg. Output: *Standard*
  - Business Activity: Create Maintenance Plan (UMP1)
  - Service Level Agreement for Change Request Types: <leave empty>
- *MPLAN02*
  - Same as for *MPLAN01*
  - Business Activity: Change Maintenance Plan (UMP2)
- *MPLAN06*
  - Same as for *MPLAN01*
  - Business Activity: Mark Maintenance Plan for Deletion (UMP6)
- *MPLAN0A*
  - Same as for *MPLAN01*
  - Business Activity: Process Multiple Maintenance Plan (UMPA)
- *MPLAN0B*
  - Same as for *MPLAN01*

- Business Activity: Import Maintenance Plan (UMPB)

### General Task List

- *TSLIST01*
  - Entity type: TLGNHDR
  - UI Config <leave empty>
  - Msg. Output: *Standard*
  - Business Activity: Create General Task List Master (UTL1)
  - Service Level Agreement for Change Request Types: <leave empty>
- *TSLIST02*
  - Same as for TSLIST01
  - Business Activity: Change General Task List (UTL2)
- *TSLIST06*
  - Same as for TSLIST01
  - Business Activity: Mark General Task List for Deletion (UTL6)
- *TSLIST0A*
  - Same as for TSLIST01
  - Business Activity: Process Multiple General Task List (UTLA)
- *TSLIST0B*
  - Same as for TSLIST01
  - Business Activity: Import General Task List (UTLB)

### Equipment Task List

- *TLEQ01*
  - Entity type: TLEQHDR
  - UI Config <leave empty>
  - Msg. Output: *Standard*
  - Business Activity: Create Equipment Task List (ETL1)
  - Service Level Agreement for Change Request Types: <leave empty>
- *TLEQ02*
  - Same as for TLEQ01
  - Business Activity: Change Equipment Task List (ETL2)
- *TLEQ06*
  - Same as for TLEQ01
  - Business Activity: Mark Equipment Mark Task List for Deletion (ETL6)
- *TLEQ0A*
  - Same as for TLEQ01
  - Business Activity: Process Multiple Equipment Task List (ETLA)
- *TLEQ0B*
  - Same as for TLEQ01
  - Business Activity: Import Equipment Task List (ETLB)

### Functional Location Task List

## SAP Library

- *TLFL01*
  - Entity type: TLFLHDR
  - UI Config <leave empty>
  - Msg. Output: *Standard*
  - Business Activity: Create Functional Loc Task List (FTL1)
  - Service Level Agreement for Change Request Types: <leave empty>
- *TLFL02*
  - Same as for TLFL01
  - Business Activity: Change Functional Loc Task List (FTL2)
- *TLFL06*
  - Same as for TLFL01
  - Business Activity: Active or Inactive Functional Loc Task List (FTL6)
- *TLFLOA*
  - Same as for TLFL01
  - Business Activity: Process Multiple Functional Loc Task List (FTLA)
- *TLFLOB*
  - Same as for TLFL01
  - Business Activity: Import Functional Loc Task List (FTLB)

## Work Center

- *WRKCTR01*
  - Entity type: WORKCNTR
  - UI Config <leave empty>
  - Msg. Output: *Standard*
  - Business Activity: Create Work Center (UWC1)
  - Service Level Agreement for Change Request Types: <leave empty>
- *WRKCTR02*
  - Same as for WRKCTR01
  - Business Activity: Process Work Center (UWC2)
- *WRKCTR06*
  - Same as for WRKCTR01
  - Business Activity: Mark Work Center for Deletion (UWC6)
- *WRKCTROA*
  - Same as for WRKCTR01
  - Business Activity: Process Multiple Work Center (UWCA)
- *WRKCTROB*
  - Same as for WRKCTR01
  - Business Activity: Import Work Center (UWCB)

## 6. Verify UI Modeling (Optional)

UI configuration activities are only relevant if you want to change the UI or if the U1 data model has been enhanced.

## SAP Library

In this Customizing activity, you can specify if and where the system hides the entity types for the data model U1.

Verify the pre-delivered field properties for the data model U1 in Customizing under **General Settings** **UI Modeling** **Define Field Properties for UI**.

The Web Dynpro application and the application configuration in the PFCG role combine with settings made in Customizing to determine the UI displayed.

You need to verify the UI modeling for the data model U1 and the following Web Dynpro applications and related configurations:

Application	Application Configuration	UI Configuration
USMD_OVP_GEN	/UGI/USMD_U1_OVP_EQUI	/UGI/USMD_U1_EQUI_OVP
USMD_OVP_GEN	/UGI/USMD_U1_OVP_FUNCLOC	/UGI/USMD_U1_FUNCLOC_OVP
USMD_OVP_GEN	/UGI/USMD_U1_OVP_PMBOMHDR	/UGI/USMD_U1_OVP_PMBOMHDR
USMD_OVP_GEN	/UGI/USMD_U1_OVP_MSPOINT	/UGI/USMD_U1_OVP_MSPOINT
USMD_OVP_GEN	/UGI/USMD_U1_OVP_MPMI	/UGI/USMD_U1_OVP_MPMI
USMD_OVP_GEN	/UGI/USMD_U1_OVP_WORKCNTR	/UGI/USMD_U1_WORKCNTR_OVP
USMD_OVP_GEN	/UGI/USMD_U1_OVP_TASKLIST	/UGI/USMD_U1_CMP_TASKLIST_OVP
USMD_OVP_GEN	/UGI/USMD_U1_OVP_TASKLIST_EQ	/UGI/USMD_U1_TASKLIST_EQ_OVP
USMD_OVP_GEN	/UGI/USMD_U1_OVP_TASKLIST_FL	/UGI/USMD_U1_TASKLIST_FL_OVP
USMD_SEARCH	/UGI/USMD_SEARCH_EQUI	/UGI/USMD_SEARCH_OVP_EQUI
USMD_SEARCH	/UGI/USMD_SEARCH_FUNCLOC	/UGI/USMD_SEARCH_OVP_FUNCLOC
USMD_SEARCH	/UGI/USMD_SEARCH_PMBOMHDR	/UGI/USMD_SEARCH_OVP_PMBOMHDR
USMD_SEARCH	/UGI/USMD_SEARCH_MSPOINT	/UGI/USMD_SEARCH_OVP_MSPOINT
USMD_SEARCH	/UGI/USMD_SEARCH_WORKCNTR	/UGI/USMD_SEARCH_OVP_WORKCNTR
USMD_SEARCH	/UGI/USMD_SEARCH_MPMI	/UGI/USMD_U1_OVP_MPMI
USMD_SEARCH	/UGI/USMD_SEARCH_TLGN	/UGI/USMD_SEARCH_OVP_TLGN
USMD_SEARCH	/UGI/USMD_SEARCH_TLEQ	/UGI/USMD_SEARCH_OVP_TLEQ
USMD_SEARCH	/UGI/USMD_SEARCH_TLFL	/UGI/USMD_SEARCH_OVP_TLFL

Below mentioned activity is relevant for customers, who would like to implement Utopia EAM Solution for MDG™ 7.30 Linear Asset Management (LAM)

Application	Application Configuration	UI Configuration
USMD_OVP_GEN	/UGI/USMD_U1_OVP_EQUI_LAM	/UGI/USMD_U1_EQUI_OVP_LAM
USMD_OVP_GEN	/UGI/USMD_U1_OVP_FUNCLOC_LAM	/UGI/USMD_U1_FUNCLOC_OVP_LAM
USMD_OVP_GEN	/UGI/USMD_U1_OVP_MSPOINT_LAM	/UGI/USMD_U1_OVP_MSPOINT_LAM
USMD_OVP_GEN	/UGI/USMD_U1_OVP_MPMI_LAM	/UGI/USMD_U1_OVP_MPMI_LAM
USMD_SEARCH	/UGI/USMD_SEARCH_EQUI_LAM	/UGI/USMD_SEARCH_OVP_EQUI_LAM
USMD_SEARCH	/UGI/USMD_SEARCH_FUNCLOC_LAM	/UGI/USMD_SEARCH_OVP_FUNCLOC_LAM
USMD_SEARCH	/UGI/USMD_SEARCH_MSPOINT_LAM	/UGI/USMD_SEARCH_OVP_MSPOINT_LAM

## SAP Library

Application	Application Configuration	UI Configuration
USMD_SEARCH	/UGI/USMD_SEARCH_MPMI_LAM	/UGI/USMD_U1_OVP_MPMI_LAM

## 7. SetUp Search

MDG offers several options to search for the data in change requests including the active and inactive data. The search options are distinguished by their capabilities and their landscape requirements. The main difference is in their capability to include classification data in the search. These are the following options:

- SAP search engine-based search (*TREX* search) offers full search capabilities.
- Database Search using the generic search provider interface must be configured manually and does not offer classification search.
- SAP HANA-based search (side-by-side) connects MDG from any database to an SAP HANA-based system for search, but does not include classification search.

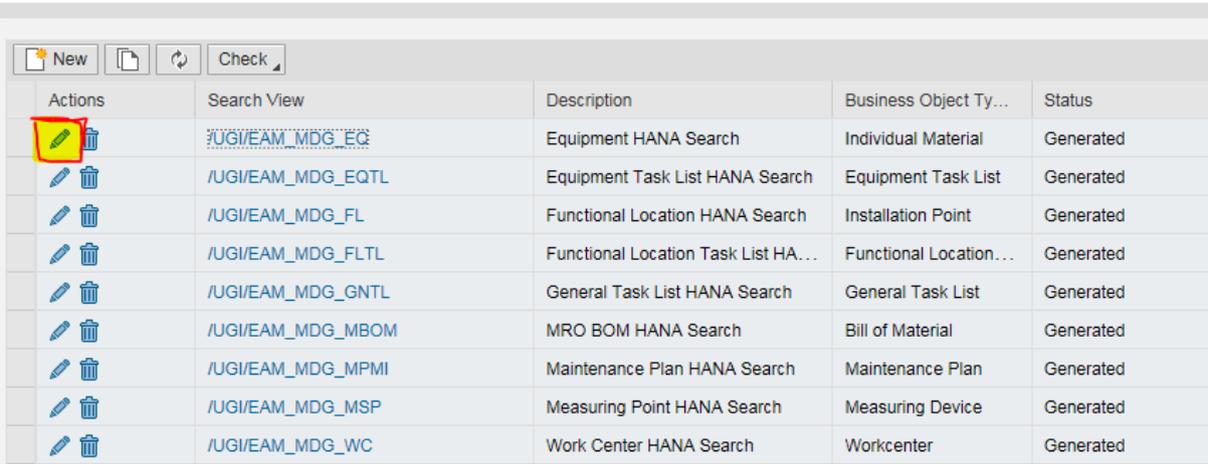
Scenario for EAM: MDG EAM with HANA as primary database. Ideal scenario. No Enterprise Search and no SLT Replication to the HANA secondary Database. Everything in MDG system with the HDB as default: Hana Searches, Hana Duplicate Check, Analytics, HANA Drill-down Search...

### MDG EAM with HANA as secondary database.

If SAP HANA is the primary database, it is not mandatory to maintain the database connection name neither the SLT settings so we can follow this steps directly:

#### 7.1 Create the Search View

a. To activate the already delivered in the product Hana Search View '/UGI/EAM\_MDG\_EQ', Master Data Governance-> General Settings ->Data Quality and Search->Search and Duplicate Check->Create Search View



Actions	Search View	Description	Business Object Ty...	Status
 	<a href="#">/UGI/EAM_MDG_EQ</a>	Equipment HANA Search	Individual Material	Generated
 	<a href="#">/UGI/EAM_MDG_EQTL</a>	Equipment Task List HANA Search	Equipment Task List	Generated
 	<a href="#">/UGI/EAM_MDG_FL</a>	Functional Location HANA Search	Installation Point	Generated
 	<a href="#">/UGI/EAM_MDG_FLTL</a>	Functional Location Task List HA...	Functional Location...	Generated
 	<a href="#">/UGI/EAM_MDG_GNTL</a>	General Task List HANA Search	General Task List	Generated
 	<a href="#">/UGI/EAM_MDG_MBOM</a>	MRO BOM HANA Search	Bill of Material	Generated
 	<a href="#">/UGI/EAM_MDG_MPMI</a>	Maintenance Plan HANA Search	Maintenance Plan	Generated
 	<a href="#">/UGI/EAM_MDG_MSP</a>	Measuring Point HANA Search	Measuring Device	Generated
 	<a href="#">/UGI/EAM_MDG_WC</a>	Work Center HANA Search	Workcenter	Generated

b. Click on Edit to Activate the Hana Search View and Provide the below mentioned details for the first guided step called Enter General Data

Field	Value
Search View	/UGI/EAM_MDG_EQ
Description	Equipment Hana Search
Business Object Name	183

### Display Search View: Step 1 (Enter General Data)

1      2      3

Enter General Data      Select Entities and Attributes      Review and Generate

---

Search View : /UGI/EAM\_MDG\_EQ      Description : Equipment HANA Search      Business Object Type : Individual Material

---

#### General Data

\* Search View:   
 \* Description:   
 \* Business Object Type:  Individual Material  
 Hana Package:   
 Rule Set:

You can activate the Rule Set if you want to adjust your Hana Search later in the HANA Studio. With this you can go attribute by attribute and give your decided attribute characteristics like fuzziness etc. (The Rule set is for saving your manual changes in the HANA studio so next time you generate the view the manual changes are not overwritten)

c. Click on next and move to the next guided step called Select Entities and Attribute, in which select the needed entity and attribute at the Hana database, by default few attribute and entity are selected.

d. Click on next and Move to the next guided step called Review and Generate, in which review the selected Entity and Attribute in the previous step and click on save twice.

### Display Search View: Step 3 (Review and Generate)

1      2      3

Enter General Data      Select Entities and Attributes      Review and Generate

---

Search View : /UGI/EAM\_MDG\_EQ      Description : Equipment HANA Search      Business Object Type : Individual Material

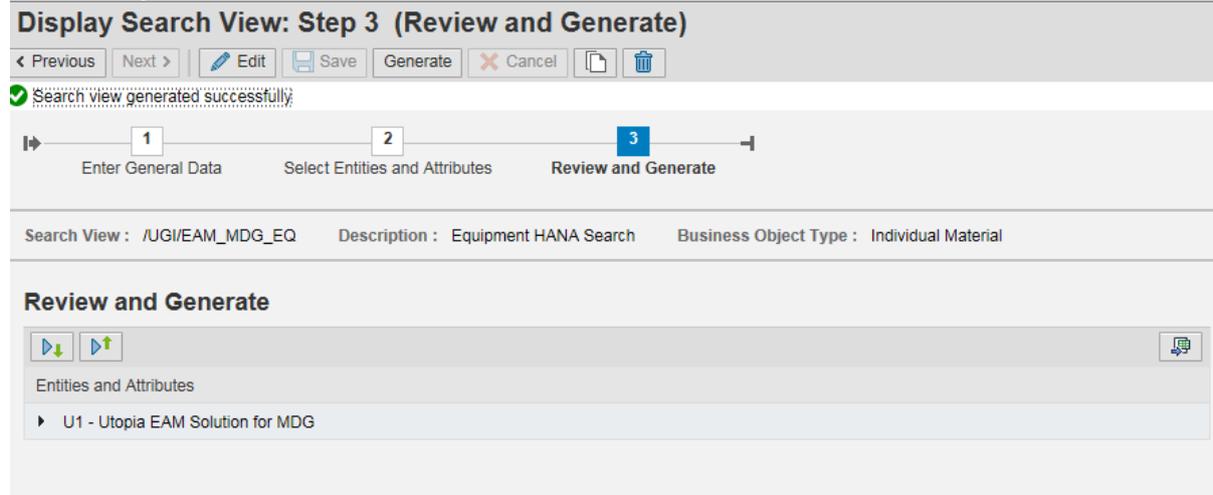
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#### Review and Generate

Entities and Attributes

- ▶ U1 - Utopia EAM Solution for MDG

e. Click on generate in Review and Generate step.

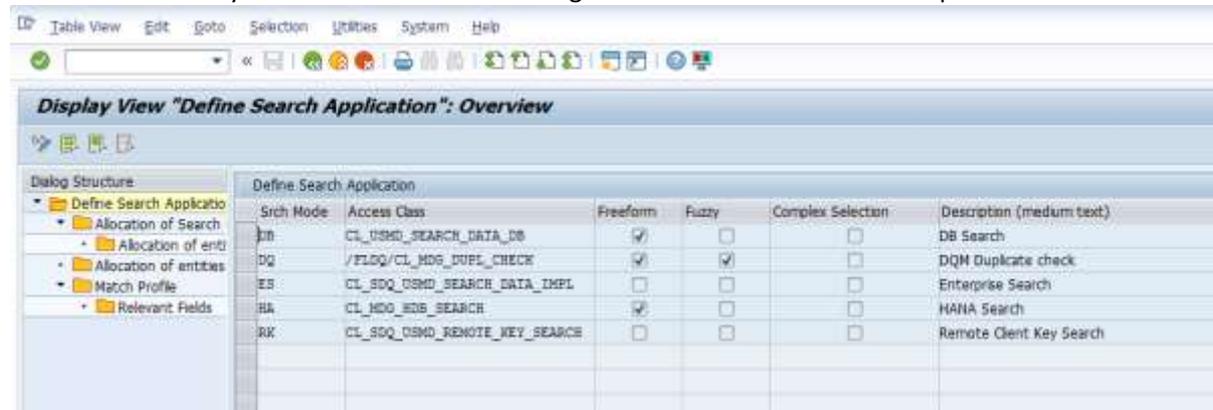


## 7.2 Verify Data Quality, Search Settings and Duplicate Check

### Hana Search Verification and HA Duplicate Check Configuration:

1. After Search View Generation, you can verify the following in the below Mentioned steps Configuration Guide

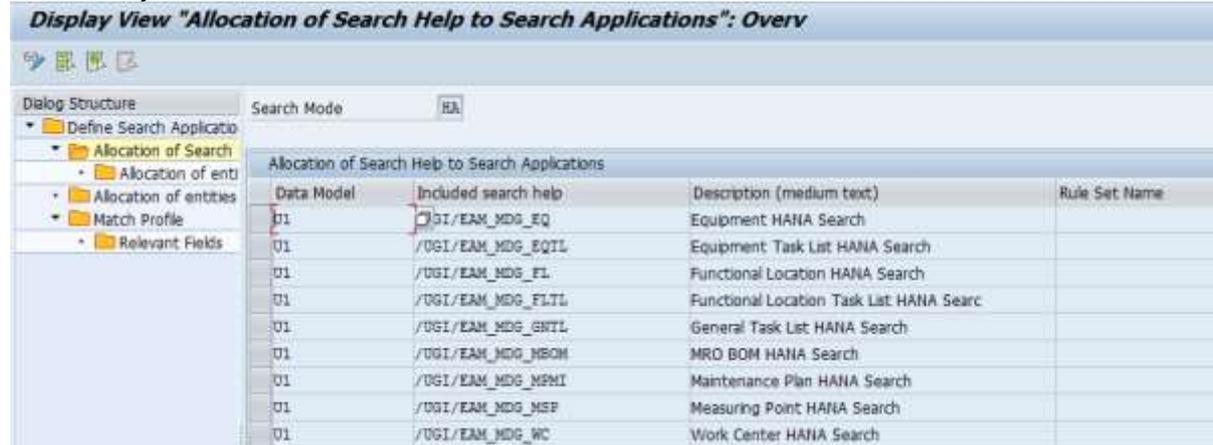
a. Existence of entry HA and that Freeform settings are activated if this feature is planned to be used.



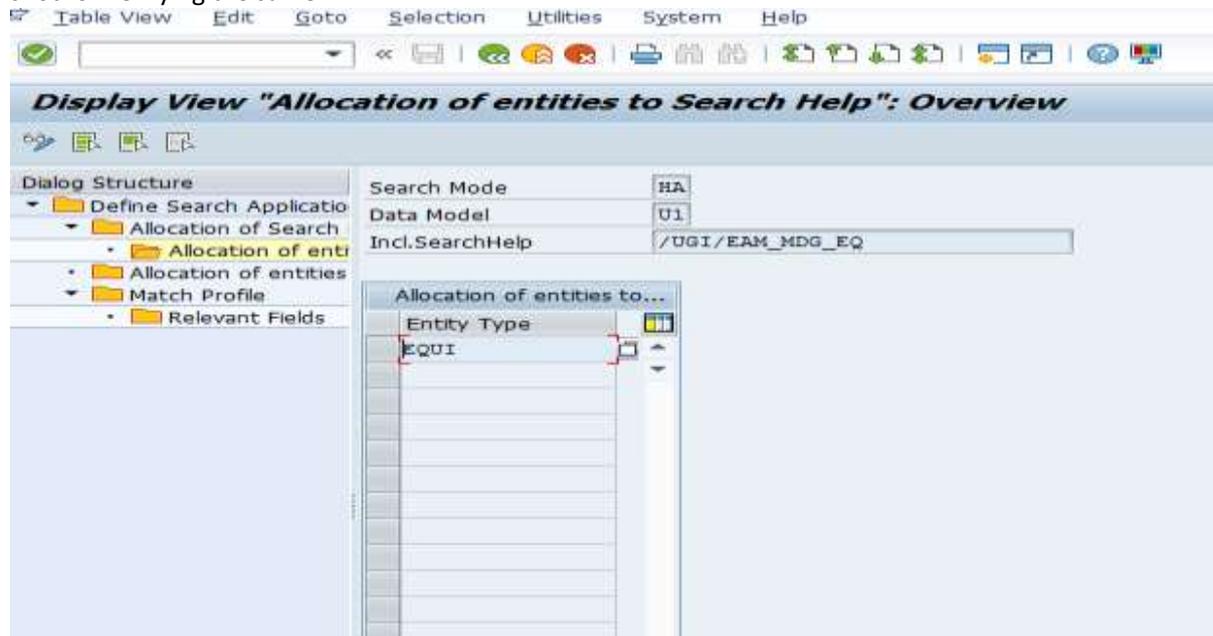
This entry cannot be removed or deactivated (E-class entry delivered by SAP). You can verify these settings in Customizing by Navigating to Master Data Governance-> General Settings-> Data Quality and Search->Search and Duplicate Check->Define Search Application

b. Allocation of Search help '/UGI/EAM\_MDG\_EQ' to Search Application for Hana Search, you can verify the setting for Allocation of Search help to Search Application for Hana Search by Navigating to:

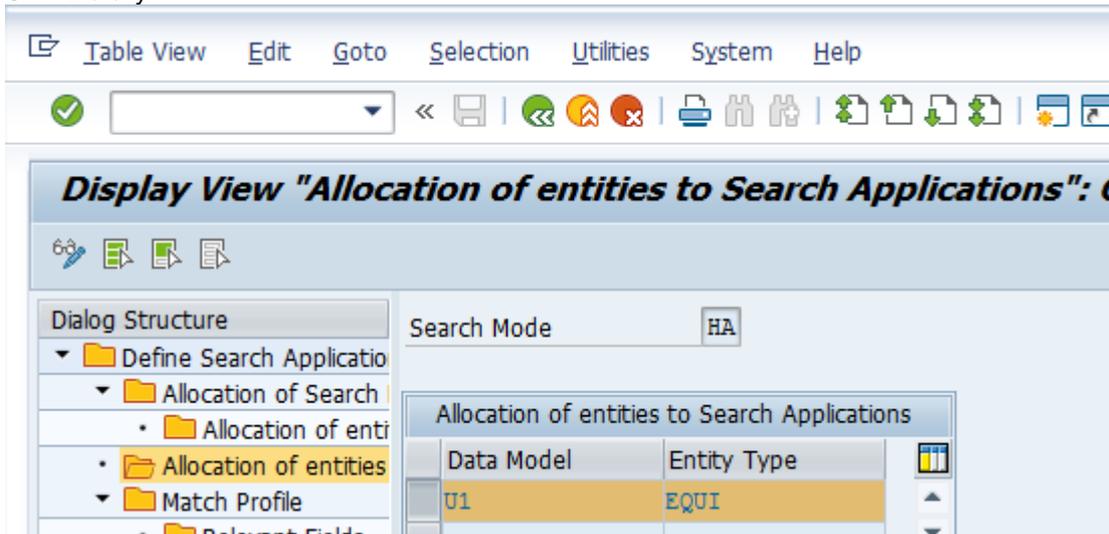
Master Data Governance-> General Settings-> Data Quality and Search->Search and Duplicate Check->Define Search Application->Allocation of Search help to Search Application



c. As part of Standard, Main Entity is allocated to the Search help, Follow the below Mentioned Screen shot for verifying the same



d. As part of Standard Main Entity is allocated to the Search Application, Follow the below Mentioned Screen shot for verifying the same



e. Your Search is ready to run:

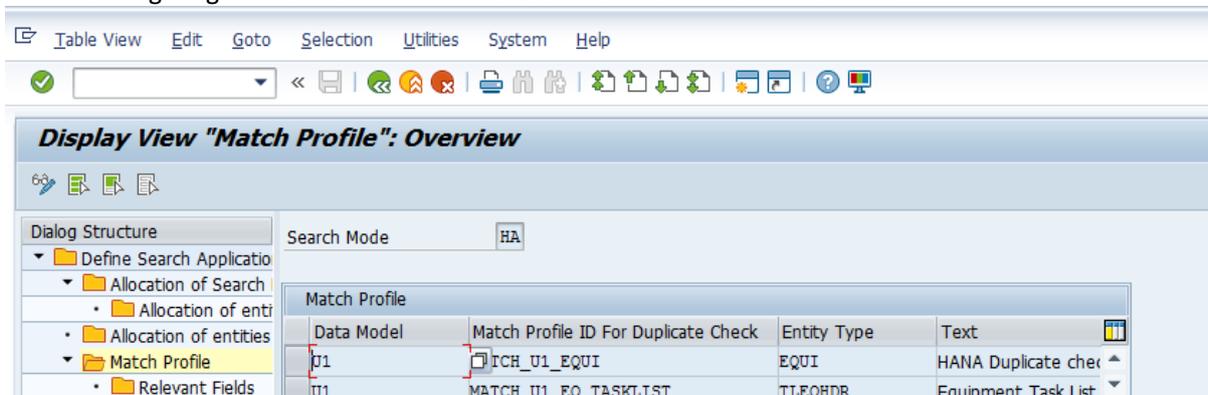
**Following Search views are delivered with BC Set**

Object	Search Views
Equipment	/UGI/EAM_MDG_EQ
Functional Location	/UGI/EAM_MDG_FL
Maintenance Plan	/UGI/EAM_MDG_MPMI
Measuring Point	/UGI/EAM_MDG_MSP
Task List (Equipment)	/UGI/EAM_MDG_EQTL
Task List (General)	/UGI/EAM_MDG_GNTL
Task List (Functional Location)	/UGI/EAM_MDG_FLTL
Work Center	/UGI/EAM_MDG_WC
MRO BOM	/UGI/EAM_MDG_MBOM

**7.3 Configuration of the duplicate check for HANA search**

a. Select the Search Mode 'HA' by Navigating to Master Data Governance-> General Settings-> Data Quality and Search->Search and Duplicate Check->Define Search Application

b. After Navigating select the Search mode 'HA' and Click on the Match Profile

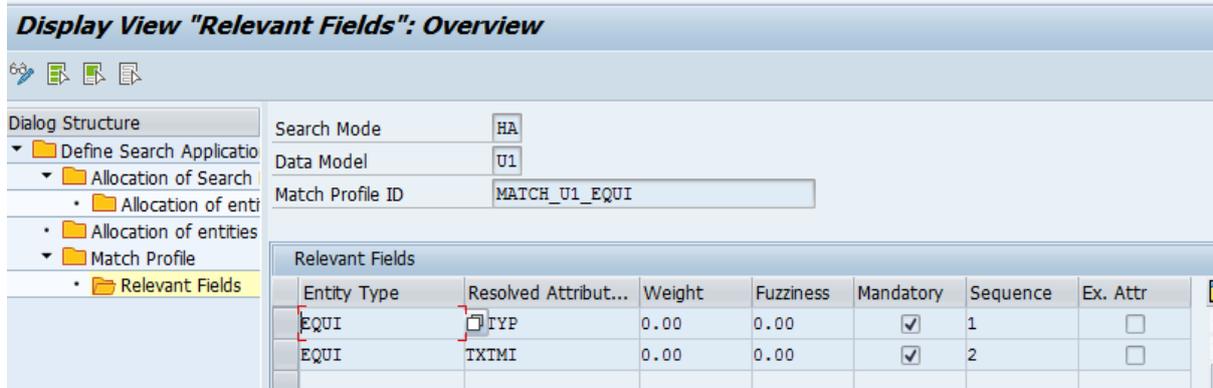


## SAP Library

c. If you want to run a duplicate check you have to assign the pre-delivered match profile MATCH\_U1\_EQUI or your own match profile to the data model U1 and the EQUI entity type. Navigate to General Settings-> Data Quality and Search-> Search and Duplicate Check-> Match Profile.

d. Duplicate Check relevant fields are added as per the standard delivery, Follow the below Mentioned Screen shot for verifying the same

**Display View "Relevant Fields": Overview**

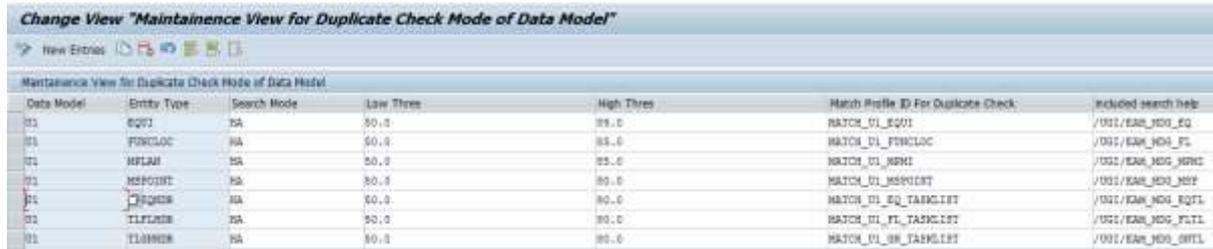


Entity Type	Resolved Attribut...	Weight	Fuzziness	Mandatory	Sequence	Ex. Attr
EQUI	TYP	0.00	0.00	<input checked="" type="checkbox"/>	1	<input type="checkbox"/>
EQUI	TXIMI	0.00	0.00	<input checked="" type="checkbox"/>	2	<input type="checkbox"/>

3. For activating the Duplicate Check in EAM done with HANA Search provider do the following: Navigate to General Settings-> Data Quality and Search-> Search and Duplicate Check-> Configure Duplicate Check for Entity Types.

The Configuration should be done for all the entities which are to be enabled for HANA Duplicate Check.

**Change View "Maintenance View for Duplicate Check Mode of Data Model"**



Data Model	Entity Type	Search Mode	Low Thres	High Thres	Match Profile ID For Duplicate Check	Included search help
U1	EQUI	HA	50.0	95.0	MATCH_U1_EQUI	/UGI/EAM_MDG_EQ
U1	FUNCLOC	HA	50.0	95.0	MATCH_U1_FUNCLOC	/UGI/EAM_MDG_FL
U1	MPLAN	HA	50.0	95.0	MATCH_U1_MPMI	/UGI/EAM_MDG_MPMI
U1	MSPOINT	HA	50.0	90.0	MATCH_U1_MSPOINT	/UGI/EAM_MDG_MSP
U1	EQ_TASKLIST	HA	50.0	90.0	MATCH_U1_EQ_TASKLIST	/UGI/EAM_MDG_EQTL
U1	FL_TASKLIST	HA	50.0	90.0	MATCH_U1_FL_TASKLIST	/UGI/EAM_MDG_FLTL
U1	GN_TASKLIST	HA	50.0	90.0	MATCH_U1_GN_TASKLIST	/UGI/EAM_MDG_GNTL

Below Match Profiles is available with BC Set

Object	Match Profile
Equipment	MATCH_U1_EQUI
Functional Location	MATCH_U1_FUNCLOC
Maintenance Plan	MATCH_U1_MPMI
Measuring Point	MATCH_U1_MSPOINT
Task List (Equipment)	MATCH_U1_EQ_TASKLIST
Task List (General)	MATCH_U1_GN_TASKLIST
Task List (Functional Location)	MATCH_U1_FL_TASKLIST

## 8. Configure Process Quality Metrics (Optional)

For the priorities, reasons, or rejection reasons for change requests, there are example values available.

Run the BC-Set activation process (transaction code SPCR20), use below BC Sets.

Object	BC Set
Equipment	/UGI/MDG_EAM_PQM_01
Functional Location	/UGI/MDG_EAM_PQM_01
MRO-BOM	/UGI/MDG_EAM_PQM_02
Maintenance Plan	/UGI/MDG_EAM_PQM_MPMI
Measuring Point	/UGI/MDG_EAM_PQM_MSPT
Task List	/UGI/MDG_EAM_PQM_TL

To start, choose *Activate* and keep the default settings.

These codes can be used later for change request analytics (process quality analysis). They also can be used to influence the workflow-driven processes. For example, depending on the priority of a change request, you can mark it for special processing.

To update any of the Process Quality Metrics (PQM), perform the following activity in Customizing for *Master Data Governance* under **General Settings** > **Process Modeling** > **Change Requests** > **Define Priorities / Reasons / Rejection Reasons for Change Requests**.

The values for these PQM values delivered in the BC-Set are as follows:

### Change Request Priorities

Priority	Description
1	High
2	Medium
3	Low

### Change Request Reason

CR Type	Reason	Description
EQMAST01	01	New Equipment Master
EQMAST02	01	Change Equipment Master (Core)
EQMAST02	02	Change Equip Master (Text)
EQMAST02	03	Change Equip Master (Classification)
EQMAST06	01	Delete-Mark Equipment Master (Core)
EQMAST0A	01	Process Multiple Equipment Masters
EQMAST0B	01	Import Equipment Masters
FUNCLO01	01	New Functional Location
FUNCLO02	02	Change Functional Location
FUNCLO06	01	Delete Functional Location
FUNCLO0A	01	Process Multiple Functional Locations
FUNCLO0B	01	Import Functional Location
MATBOM01	01	New Material BOM
MATBOM02	01	Change Material BOM
MATBOM06	01	Delete-Mark Material BOM (Core)
MATBOM0A	01	Process Multiple Material BOMs
MATBOM0B	01	Import Material BOMs
EAMAST0Z	01	Process Mixed Multiple Masters
MEASPT01	01	New Measuring Point
MEASPT02	01	Change Measuring Point

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CR Type	Reason	Description
MEASPT06	01	Active or Inactive Measuring Point
MEASPT0A	01	Process Multiple Measuring Point
MEASPT0B	01	Import Measuring Point
WRKCTR01	01	New Work Center
WRKCTR02	01	Change Work Center
WRKCTR06	01	Mark Work Center for Deletion
WRKCTR06	02	Reset Deletion Flag
WRKCTR0A	01	Process Multiple Work Centers
WRKCTR0B	01	Import Work Centers
MPLAN01	01	New Maintenance Plan
MPLAN02	01	Change Maintenance Plan (Core)
MPLAN02	02	Change Maintenance Plan (Text)
MPLAN02	03	Change Maintenance Plan (Cycles)
MPLAN02	04	Change Maintenance Plan (Items)
MPLAN06	1	Set Deletion Flag
MPLAN06	2	Reset Deletion Flag
MPLAN0A	01	Process Multiple Maintenance Plans
MPLAN0B	01	Import Maintenance Plans
TSLIST01	01	New General Task List
TSLIST02	01	Change General Task List(Core)
TSLIST02	02	Change General Task List(Opr - Internal)
TSLIST02	03	Change General Task List(Header data)
TSLIST02	04	Change General Task List(Opr - External)
TSLIST02	05	Change General Task List(Operation data)
TSLIST06	1	Set Deletion Flag
TSLIST06	2	Reset Deletion Flag
TSLIST0A	01	Process Multiple General Task List
TSLIST0B	01	Import General Task List
TLEQ01	01	New Equi Task List
TLEQ02	01	Change Equi Task List (Core)
TLEQ02	02	Change Equi Task List(Opr - Internal)
TLEQ02	03	Change Equi Task List(Header data)
TLEQ02	04	Change Equi Task List(Opr - External)
TLEQ02	05	Change Equi Task List(Operation data)
TLEQ06	1	Set Deletion Flag
TLEQ06	2	Reset Deletion Flag
TLEQ0A	01	Process Multiple Equi Task List

CR Type	Reason	Description
TLEQ0B	01	Import Equi Task List

## Reason for Rejection

CR Type	Rejection Reason	Description
EQMAST01	01	Incomplete Information
EQMAST01	02	Does not suit business requirements
EQMAST01	03	No proper justification
EQMAST02	05	Revision of field information
EQMAST02	06	Work Center has to be changed
EQMAST02	07	Maintenance Plant has to be revised
EQMAST06	08	No business justification
EQMAST06	09	Requirement withdrawn
EQMAST06	10	Similar Equipment already exists
FUNCLO01	01	Incomplete Information
FUNCLO01	02	Does not suit business requirements
FUNCLO01	03	No proper justification
FUNCLO02	05	Revision of field information
FUNCLO02	06	Work Center has to be changed
FUNCLO02	07	Maintenance Plant has to be revised
FUNCLO06	08	No business justification
FUNCLO06	09	Requirement withdrawn
FUNCLO06	10	Similar Func. Loc. already exists
MATBOM01	01	Incomplete information
MATBOM01	02	Does not suit business requirements
MATBOM01	03	No proper Justification
MATBOM02	05	Revision of several fields Information
MATBOM02	06	Work Center has to be changed
MATBOM02	07	Maintenance Plant has to be revised
MATBOM06	08	No business Justification
MATBOM06	09	Requirement withdrawn
MATBOM06	10	Already similar Service exists
EAMAST0Z	01	Incomplete information
EAMAST0Z	02	Does not suit business requirements
EAMAST0Z	03	No proper Justification
MEASPT01	01	Incomplete information
MEASPT01	02	Does not suit business requirements
MEASPT01	03	No proper Justification
MEASPT02	05	Revision of several fields Information
MEASPT02	06	Work Center has to be changed
MEASPT02	07	Measuring Point has to be revised
MEASPT06	08	No business Justification
MEASPT06	09	Requirement withdrawn
MEASPT06	10	Similar Measuring Point already exists
MPLAN01	01	Incomplete information
MPLAN01	02	Does not suit business requirements
MPLAN01	03	No proper Justification

CR Type	Rejection Reason	Description
MPLAN02	05	Revision of several fields Information
MPLAN02	06	Work Center has to be changed
MPLAN02	07	Maintenance Plant has to be revised
MPLAN06	08	No business Justification
MPLAN06	09	Requirement withdrawn
MPLAN06	10	Already similar maintenance plan exists
WRKCTR01	01	New Work Center
WRKCTR02	01	Change Work Center
WRKCTR06	01	Mark Work Center for Deletion
WRKCTR06	02	Reset Deletion Flag
WRKCTR02	02	Change Work Center
WRKCTROA	01	Process Multiple Work Centers
WRKCTROB	01	Import Work Centers
TLFL01	01	New Floc Task List
TLFL02	01	Change Floc Task List(Core)
TLFL02	02	Change Floc Task List (Operation Internal)
TLFL02	03	Change Floc Task List (Header data)
TLFL02	04	Change Floc Task List (Operation External)
TLFL02	05	Change Floc Task List (Operation data)
TLFL06	01	Set Deletion Flag
TLFL06	02	Reset Deletion Flag
TLFL0A	01	Process Multiple Floc Task Lis
TLFL0B	01	Import Floc Task List
TLEQ01	01	Incomplete information
TLEQ01	02	Does not suit business requirements
TLEQ01	03	No proper Justification
TLEQ02	05	Revision of several fields Information
TLEQ02	06	Equipment task list has to be changed
TLEQ02	07	Equipment task list has to be revised
TLEQ02	08	No business Justification
TLEQ06	09	Requirement withdrawn
TLEQ06	10	Already similar Equip task list exists
TSLIST01	1	Incomplete information
TSLIST01	2	Does not suit business requirements
TSLIST01	3	No proper Justification
TSLIST02	5	Revision of several fields Information
TSLIST02	6	Functional task list has to be changed
TSLIST02	7	Functional task list has to be revised
TSLIST02	8	No business Justification
TSLIST06	10	Already similar Floc task list exists
TSLIST06	9	Requirement withdrawn

## 9. Adjust Data Model U1 BRF+ Objects

The OOTB (Out of the Box) core validations and derivations for Equipment Master have been migrated from BRF+ to the Access Class as of release 710-SP02.

If you are doing a fresh installation, you need not do anything related to BRF+.

If you are upgrading from 710-SP01, there are several options available depending on your situation:

1. There are no custom business rules that have been added for Equipment Master, Functional Location, or MRO BOM. In this case, you can do the following:
  - 1.1. Using t-code BRFP+ or BRFPUS:
    - 1.1.1. Delete Catalog FMDM\_MODEL\_U1
    - 1.1.2. Delete Application FMDM\_MODEL\_U1
  - 1.2. Create a Customizing Transport Request
  - 1.3. Using t-code USMD\_RULE:
    - 1.3.1. Select Data Model U1 when prompted
    - 1.3.2. Select Transport Request created in step 1.2. This will recreate a new clean Application FMDM\_MODEL\_U1 for any client-specific business rules.
2. There are custom business rules that have been added for Equipment Master, Functional Location, or MRO BOM. In this case, you can either disable the OOTB rulesets or delete the rulesets and associated objects (rules, db lookups, etc.).

## 10. Configure Workflow Tasks

As a prerequisite you have made the necessary general settings for workflows and defined the organizational plan in Customizing for SAP NetWeaver under **Application Server > Business Management > SAP Business Workflow**. Ensure that the active type linkages for Change Request (BUS2250) are set correctly. Follow the instructions in Customizing for MDG under **General Settings > Process Modeling > Workflow > Activate Type Linkage**. For object type BUS2250 check that the *Type Linkage Active* indicator is active for the events CREATED, ACTIVATED, and ROLLED\_BACK. In addition, check that the *Enable Event Queue* indicator is active for the events ACTIVATED, and ROLLED\_BACK, but not for the event CREATED.

The standard workflow template used by Master Data Governance for EAM is WS54300020.

In order to ensure the general assignment of processors using the rule-based workflow, run the following activity in Customizing for *Master Data Governance* under **General Settings > Process Modeling > Workflow > Configure Workflow Tasks**.

1. Go to application component *CA-MDG-AF* and choose *Assign Agents*.
2. Set the *Dialog Processing (TS 60807954)* task as a *General Task*, if it not already set. To do so, select the task, choose *Attributes* and change it to *General Task*.
3. Set the *Process Change Request (TS 75707943)* task as a *General Task*, if it not already set. To do so, select the task, choose *Attributes* and change it to *General Task*.
4. Set the *Approve Change Request (TS 75707980)* task as a *General Task*, if it not already set. To do so, select the task, choose *Attributes* and change it to *General Task*.
5. Set the *Revise Change Request (TS 75707981)* task as a *General Task*, if it not already set. To do so, select the task, choose *Attributes* and change it to *General Task*.

The Utopia EAM Solution for MDG provides a set of Agent Determination entries for the standard workflow template WS54300020 . You can assign one User ID (type "US") to each task in the workflow which requires agent determination.

Both SAP and Utopia recommend using the Organizational Management functionality which offers more flexibility and simplifies maintenance if allowed in the productive system. Therefore, depending upon the Org Structure or Single User, manually assign any type of Organizational Unit, e.g. Positions ("S") to the CR Type and Step.

Example: You make the entries listed below to determine that change request type 01 has the following properties: (a) evaluation is done by organizational units GROUPACC, GLACC, and GROUPMD; (b) approval is done by user X; (c) changes are executed by organizational unit GROUPMD; and (d) the final approval is done by user Y:

Step	Description	Object Type	Processor ID
1	Evaluation	O	GROUPACC
1	Evaluation	O	GLACC
1	Evaluation	O	GROUPMD
2	Consider and Approve	US	X
3	Edit	O	GROUPMD
4	Approval	US	Y



Hint: Usage of MDG-EAM by Utopia together with Extended ECM by OpenText™

If you defined your own workflow templates, please ensure that for the activation step the improved task TS60808002 is used as well.

## 11. Set up Data Replication

**i** In the forthcoming sections, there will be multiple references to Business Object Types (BO Types), Object ID Types, Messages, etc. which correspond to the various EAM Objects included within the Utopia EAM Solutions for MDG™ domain. For ease of reference, each of the main entities within the domain is listed.

**Table 6: EAM Business Object Types and Messages**

Element	Equipment: ID (Description)	Functional Location: ID (Description)	MRO Bill of Material: ID (Description)	Measuring Points	Maintenance Plan:
<b>Object Type</b>	183 (Equipment)	185 (Installation Point)	237 Bill of Material	1230	1223
<b>Object ID Type</b>	451 Individual Material ID (ERP)	450 Installation Point ID (ERP)	964 Bill of Material Internal ID (ERP)	975	ERP_0008
<b>Messages</b>	/UGI3/EQUIPMENT_DATA	/UGI3/EAM_FUNC_LO C	BOMMAT (message type)	/UGI3/MEASURINGPOINT	/UGI3/MAINTENANCE_PLAN
<b>IDOC (Release / Version)</b>	/UGI3/EQUIPMENT_DATA01(740 / Version 01)	/UGI3/EAM_FUNC_LO C02 (740 / Version 02)	BOMMAT04 (620 / Version 04)	/UGI3/MEASURINGPOINT_CRO1	/UGI3/MAINTENANCE_PLAN_ID
<b>Filter Object</b>	/UGI/EQUI (Equipment)	/UGI/FLOC (Functional Location)	/UGI/MBOM (MRO Bill of Material)	/UGI/MSP	/UGI/MPMI

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Element	Equipment: ID (Description)	Functional Location: ID (Description)	MRO Bill of Material: ID (Description)	Measuring Points	Maintenance Plan:
Outbound Implementation	/UGI/I_EM (Equipment via IDoc (MDG))	/UGI/I_FL (Functional Location via IDoc (MDG))	/UGI/MBOM (Outbound Implementation for MRO Bill of Material)	/UGI/I_MSP	/UGI/I_MP
Outbound Implementation Class	/UGI/CL_MDG_EAM_IDOC_DRF_EM	/UGI/CL_MDG_EAM_IDOC_DRF_FL	/UGI/CL_MDG_BOM_IDOC_DRF	/UGI/CL_MDG_EAM_IDOC_DRF_MSP	/UGI/CL_MDG_EAM_MPMI_IDOC_DRF
Key Structure	COMES_S_DRF_EQU_KEY	MDG_BS_FUNCLOC_KEY_TPLNR	MDG_BS_BOM_KEY_STNUM	MDG_BS_MEASDEV_KEY_IMRC_POINT	MDG_BS_MPLAN_KEY_Y_WARPL

Element	General Task List: ID (Description)	Equipment Task List: ID (Description)	Functional Location Task List: ID (Description)
Object Type	/UGI/TL (General Task List)	/UGI/TLEQ (Equipment Task List)	/UGI/TLFL (Functional Location Task List)
Object ID Type	/UGI/TL_ID (Equipment Task List ID)	/UGI/TLEQ_ID (Equipment Task List ID)	/UGI/TLFL_ID (Functional Location Task List ID)
Messages	/UGI3/EAM_TASKLIST_01	/UGI3/EAM_TASKLIST_01	/UGI3/EAM_TASKLIST_01
IDOC (Release / Version)	/UGI3/EAM_TASKLIST	/UGI3/EAM_TASKLIST	/UGI3/EAM_TASKLIST
Filter Object	/UGI/TL (Maintenance Task List)	/UGI/TL (Maintenance Task List)	/UGI/TL (Maintenance Task List)
Outbound Implementation	/UGI/I_TL (General Task List via IDoc (MDG))	/UGI/I_TLE (Equipment Task List via IDoc (MDG))	/UGI/I_TLF (Functional location Task List via IDoc (MDG))
Outbound Implementation Class	/UGI/CL_MDG_EAM_IDOC_DRF_TL	/UGI/CL_MDG_EAM_IDOC_DRF_TL	/UGI/CL_MDG_EAM_IDOC_DRF_TL
Key Structure	/UGI/_S_U1_DRF_TASKLIST	/UGI/_S_U1_DRF_TASKLIST	/UGI/_S_U1_DRF_TASKLIST

Element	Work Center: ID (Description)
Object Type	493 (Work Center)
Object ID Type	462 (ERP)
Messages	/UGI/MDG_EAM_WC
IDOC (Release / Version)	/UGI3/WRKCNTR01
Filter Object	/UGI/WC
Outbound Implementation	/UGI/WRKCN
Outbound Implementation Class	/UGI/CL_MDG_EAM_IDOC_DRF_WCTR
Key Structure	COMES_S_DRF_WORKCENTER_KEY

## SAP Library

For Utopia EAM Solutions for MDG™ you have two options for replicating data from the MDG hub to the connected systems and clients:

- [Data replication using Application Link Enabling \(ALE\)](#)
- [Data replication using Application Link Enabling \(ALE\) with the Data Replication Framework](#)

For more information, see in Customizing under ► *Application Server* ► *IDoc Interface / Application Link Enabling (ALE)* ► *SAP Business Workflow*.

### 11.1 Set Up Data Replication Using ALE

The following process briefly describes the minimal settings required for the main message types of the EAM Object (see Table )

#### Verify logical systems

Run transaction *SALE* and choose ► *Basic Settings* ► *Logical Systems*. Both clients (source and target) need to be defined as logical systems and need to be assigned to the relevant clients.

#### 1. Check communication

Run transaction *SALE* and choose ► *Communication* ► *Created RFC Connections*. The target partner system has to be defined here as an ABAP connection with a connection type of 3 and with same name as the target logical system. Perform a connection test.

Define an ALE tRFC port using transaction *WE21*. Created port will use the RFC connection created in the earlier step.

#### 2. Maintain distribution model

Run transaction *SALE* (Display ALE Customizing) and choose ► *Modeling and Implementing Business Processes* ► *Maintain Distribution Model and Distribute Views*. Alternatively, run transaction *BD64* (Maintenance of Distribution Model).

The related message types should be available if the **/UG13/** package is installed and BC set **/UG13/EAM\_IDOC\_INB\_PROCESSCODE'** was activated successfully.

- In change mode, create a new model.

Choose the *Create Model View* pushbutton. Enter a short text and a technical name.

- For each of the active object types choose the *Add Message Type* pushbutton for the newly created model. Enter names for the logical source and destination systems and choose the related message type:

Object Type	ALE Message Type
Equipment	/UG13/EQUIPMENT_DATA
Functional Location	/UG13/EAM_FUNC_LOC
Measuring Point	/UG13/MEASURINGPOINT
Maintenance Plan	/UG13/MAINTENANCE_PLAN
Maintenance Item	/UG13/MAINTENANCE_ITEM
Maintenance BOM	BOMMAT

Work Center	/UG13/WRKCNTN
Task List	/UG13/EAM_TASKLIST_01

If you use the classification for any of the EAM object types in Utopia EAM Solutions, then add as well one additional message type that is reused to distribute the class assignment data.

Object Type	ALE Message Type
1 message type for all classification-relevant	CLFMAS

Note: for the distribution of the classes and characteristics themselves, please proceed according to the guides available for this topic; its not included in here.

If the Linear Asset Management (LAM) functionality is activated in Utopia EAM Solutions, then add as well one additional message type that is reused to distribute the LAM data:

Object Type	ALE Message Type
1 message type for all LAM-relevant	/UG13/LAMCLF

### 3. Create partner profile.

- a. Run transaction *SALE* and choose **Modeling and Implementing Business Processes** **Partner Profiles** **Generate Partner Profiles**. Alternatively, run transaction *BD82*. If there is issue in generating partner profile through *BD82* then manually add partner profile through *WE20*.
- b. Select the newly created model and in the *Partner System* field, enter the logical destination system.
- c. Enter the ALE-User (the default value is *ALEREMOTE*) and the following values, and execute.

Field	Value
Version	3
Pack Size	100
Output Mode	Pass IDoc immediately
Inb. Parameters: Processing	Trigger Immediately

- d. To verify your settings, run transaction *WE20* and from the *Partner Profiles* menu, choose *Partner Type LS*. Verify that *Partner type LS* is the logical destination system.
- e. In the detail screen, the chosen message types should appear.

### 4. Distribute model view to receiving system.

- a. Run transaction *SALE* and choose **Modeling and Implementing Business Processes** **Maintain Distribution Model and Distribute Views**. Alternatively, run transaction *BD64*.
- b. Select the new model and choose **Edit** **Model view** **Distribute**.

SAP Library

- c. Verify that the correct receiving system is marked and choose Enter.
  - d. Verify within the receiving system that the model view was created.
5. Create partner profile (in receiving client).
- a. Run transaction *SALE* and choose ► *Modeling and Implementing Business Processes* ► *Partner Profiles* ► *Generate Partner Profiles*. Alternatively, run transaction *BD82*. If there is issue in generating partner profile through *BD82* then manually add partner profile through *WE20*.
  - b. Select the distributed model.
  - c. Enter the ALE-User, and the following values, and execute.

Field	Value
Version	3
Pack Size	100
Output Mode	Pass IDoc immediately
Inb. Parameters: Processing	Trigger Immediately

- d. If the protocol contains the error *Port could not be created* this can be ignored. If you get warning “Inb. Parameters Process code created with BAPP”, check that the correct process code is being used. To do this, either click on the message or run transaction *WE20* on the target system and choose ► *LS Partner Type* (which corresponds to the MDG Hub system) ► *Inbound Parameters* ► select <Message Type> *Detail Screen Inbound Parameter* ( ) Check that the parameter *Process Code* is as follows for the associated message type:

Message	Process Code
/UGI3/EQUIPMENT_DATA	/UGI3/EQUI
/UGI3/EAM_FUNC_LOC	/UGI3/FLOC
BOMMAT	BOMM
/UGI3/MEASURINGPOINT	/UGI3/MDG_MSP
/UGI3/MAINTENANCE_PLAN	/UGI3/MPMI
/UGI3/MAINTENANCE_ITEM	/UGI3/MITEM
/UGI3/WRKCNTNTR	/UGI3/WC
/UGI3/EAM_TASKLIST_01	/UGI3/EAM_TL

If you use the classification for any of the EAM object types in Utopia EAM Solutions, then add as well the inbound message type and process code below.

Message	Process Code
CLFMAS	CLFM

If the Linear Asset Management (LAM) functionality is activated and LAM classification is used in Utopia EAM Solutions, then add the inbound message type and process code below.

Message	Process Code
/UGI3/LAMCLF	/UGI3/LAM

## SAP Library

**i** In the Configuration Activity *Define Technical Settings for Business Systems* SAP recommends that you select the checkbox *Status System Filter* for the *corresponding* business object. This ensures that if an object instance was previously sent to a target system, it continues to be sent in the future, independent of filter settings.

### 11.2 Set Up Data Replication Using ALE with DRF

In Master Data Governance for the EAM Objects, the replication of master data from MDG Hub to connected client systems can be scheduled, triggered, and monitored using the Data Replication Framework (DRF) in concert with the ALE.

**i** If you are using ALE and DRF together to replicate EAM Objects you can improve performance by deselecting the change pointers for the corresponding message type.

You can do this in the *Activate Change Pointers for Message Types* configuration activity. You should only do this if all your MDG systems are integrated using ALE and DRF together. If you use ALE without DRF in one or more connected systems do *not* disable the change pointers.

The following customizing is relevant for data replication:

- ALE (See *Set Up Data Replication Using ALE* above)
- Key Mapping (See *Key Mapping* below)
- ALE Audit (See *Customizing for ALE Audit* below)
- Data Replication Framework (DRF)

The following process outlines the steps required to perform the customizing for the last three points above.

#### **Customizing for Data Replication Framework (DRF)**

1. Use transaction DRFIMG to check if the filter objects below have been defined. Select **Enhance Default Settings for Outbound Implementation** > **Define Filter Objects** to view the filter object definitions.

Filter Object	Table	Assign Filter	Filter Type	General Filter Parameter	Filter Class
/UGI/EQUI	EQUI	10	2	COMES_S_DRF_EQU_FILT_ALL	/UGI/CL_MES_DRF_EQ_EXPL_FILT
/UGI/FLOC	IFLOT	10	2	/UGI/COMES_S_DRF_FUNCLOC_FILT	/UGI/CL_MES_DRF_FLOC_EXPL_FILT
/UGI/MBOM	MAST	82	2	/UGI/_S_U1_DRF_PMBOMHDR	/UGI/CL_MES_DRF_BOM_EXPL_FILT
/UGI/MPMI	MPLA	1	2	/UGI/COMES_S_DRF_MPMI_FILT_ALL	/UGI/CL_MES_DRF_MPMI_EXPL_FILT
/UGI/MSP	IMPTT	1	2	/UGI/COMES_S_DRF_MSRPT_FILT	/UGI/MDG_MSRPT_DRF_EXPL_FILT
/UGI/TL	PLKO	1	2	/UGI/COMES_S_DRF_TL_FILT_ALL	/UGI/CL_MES_DRF_TL_EXPL_FILT
/UGI/WC	CRHD	1	2	/UGI/_S_U1_DRF_WORKCNTR	/UGI/CL_MES_DRF_WC_EXPL_FILT

SAP Library

2. Check that the main filter object is available for each EAM object. Select Enhance Default Settings for Outbound Implementation->Define Outbound Implementations. We have to see these two configurations to see the table below:

Business Object Type	Main Filter Object	Outbound Implementation	Table Name	Data Model / Entity Type
183	/UGI/EQUI	/UGI/I_EM	EQUI	U1 / EQUI
185	/UGI/FLOC	/UGI/I_FL	IFLOT	U1 / FUNCLOC
237	/UGI/MBOM	/UGI/MBOM	MAST	U1 / PMBOMHDR
1230	/UGI/MSP	/UGI/I_MSP	IMPTT	U1 / MSPOINT
1223	/UGI3/MPMI	/UGI/I_MP	MPLA	U1 / MPLAN
/UGI/TL	/UGI/TL	/UGI/I_TL	PLKO	U1 / TLGNHDR
/UGI/TLEQ	/UGI/TL	/UGI/I_TLE	PLKO	U1 / TLEQHDR
/UGI/TLFL	/UGI/TL	/UGI/I_TLF	PLKO	U1 / TLFLHDR
493	/UGI/WC	/UGI/WRKCN	CRHD	U1 / WORKCNTR

3. Optionally you can check the correct assignment of Object ID Type, BO Types and Object Node Types and via **Enhance Default Settings for Outbound Implementation > Define Business Objects and Object Identifiers > Define Object Identifiers**. Compare the entries with the values of Table 1 at the beginning of this chapter.

4. Check that the Key Structure Assignment for all entity types exist. See also Table 1 at the beginning of this chapter.

If not, create the entry. via **Enhance Default Settings for Outbound Implementation > Define Business Objects and Object Identifiers > Assign Key Structures to Object Identifiers**

- a. Assign the Key Structure COMES\_S\_DRF\_EQU\_KEY to Object ID Type 451
  - b. Assign the Key Structure MDG\_BS\_FUNCLOC\_KEY\_TPLNR to Object ID Type 450
  - c. Assign the Key Structure MDG\_BS\_BOM\_KEY\_STNUM to Object ID Type 964
  - d. Assign the Key structure MDG\_BS\_MEASDEV\_KEY\_IMRC\_POINT to Object ID Type 975
  - e. Assign the Key structure MDG\_BS\_MPLAN\_KEY\_WARPL to Object ID Type ERP\_0008
  - f. Assign the Key Structure COMES\_S\_DRF\_WORKCENTER\_KEY to Object ID Type 462
  - g. Assign the Key Structure /UGI/\_S\_U1\_DRF\_TASKLIST to Object ID Type /UGI/TL\_ID
  - h. Assign the Key Structure /UGI/\_S\_U1\_DRF\_TASKLIST to Object ID Type /UGI/TLEQ\_ID
  - i. Assign the Key Structure /UGI/\_S\_U1\_DRF\_TASKLIST to Object ID Type /UGI/TLFL\_ID
5. Define the technical settings for the business system.
    - a. Enter transaction DRFIMG and navigate to **Define Custom Settings for Data Replication > Define Technical Settings > Define Technical Settings for Business Systems**.
    - b. In the *Business System* field specify the receiver system. In the *Logical System* field enter the Logical System used for IDoc communication. In the *RFC Destination* field enter the RFC destination to be used for RFC communication with the receiver system.
    - c. Select the entry and click on *Define Bus. Systems, BOs*.
    - d. In the *BO Type* field enter the business object types from above table
    - e. Select each of the entries and double-click on *Define Bus. Systems, BOs, Communication Channel*. In the *Communication Channel* field enter the means you want to use to transmit data to the applications. In the *Key Harm.* Field specify if you want your keys harmonized between the hub and the client systems.

The following are the default settings:

C. Channel	Key Harm.	Upd. KM	Storage Repl. Data	Sup. Time Dep.
------------	-----------	---------	--------------------	----------------

Replication via IDoc	Harmonized IDs/Key Mapping	Checked/Unchecked	Active Area	Not defined / Does not support
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6. Create the replication model and assign it to the outbound implementation as follows:
  - a. Enter transaction DRFIMG.
  - b. Navigate to **Data Replication > Define Custom Settings for Data Replication > Define Replication Models**.
  - c. Select *Define Replication Model* and then select *New Entries*.
  - d. Enter a replication model and a description. In the *Log Days* field, you may enter the number of days after which you want an Application Log to expire. In the *Data Model* field, enter **U1**.
  - e. Select the newly defined replication model and choose *Assign Outbound Implementation*.
  - f. Choose *New Entries*.
  - g. Assign the appropriate outbound implementation.  
For all of them the Communication Channel should be "Replication via IDoc"  
For all of them the Filter Time should be "Filter after Change Analysis"
  - h. For each of the outbound implementations, assign the target systems
  - i. For each of the outbound implementations, assign and define the outbound parameters. Pick the available parameters via the drop-down value list / F4 help, e.g. "Package Size for Bulk Messages" and assign a value that fits your requirements

Outbound Implementation	Communication Channel	Filter Time	Outbound Parameter
/UGI/I_EM	Replication via IDoc	Filter after Change Analysis	PACK_SIZE_BULK
/UGI/I_FL	Replication via IDoc	Filter after Change Analysis	PACK_SIZE_BULK
/UGI/I_MP	Replication via IDoc	Filter after Change Analysis	PACK_SIZE_BULK
/UGI/I_MSP	Replication via IDoc	Filter after Change Analysis	PACK_SIZE_BULK
/UGI/I_TL	Replication via IDoc	Filter after Change Analysis	PACK_SIZE_BULK
/UGI/I_TLE	Replication via IDoc	Filter after Change Analysis	PACK_SIZE_BULK
/UGI/I_TLF	Replication via IDoc	Filter after Change Analysis	PACK_SIZE_BULK
/UGI/MBOM	Replication via IDoc	Filter after Change Analysis	PACK_SIZE_BULK
/UGI/WRKCN	Replication via IDoc	Filter after Change Analysis	PACK_SIZE_BULK

## 12. DIF (Data Import Framework)

- Define File Source and Archive Directories for Data Transfer

Maintain Source and archive directories for all objects using navigation path: **Master Data Governance > General Settings > Data Transfer > Define File Source and Archive Directories for Data Transfer**

### 13. Customizing for ALE Audit (Optional)

You can configure your client and hub systems so that your client systems send confirmation of replicated objects back to the MDG hub. Use the following steps to set up this confirmation process.

In the client system make the following settings:

1. Select Distribution Model
  - a. Run transaction BD64 and choose *Change/Display*.
  - b. Select the distribution model you created above and choose *Add Message Type*.
  - c. In the *Add Message Type* screen enter the following:
    - In the *Sender* field, enter the logical system from which the acknowledgement is sent (The client system).
    - In the *Receiver* field, enter the logical system to which the acknowledgement is sent (The hub system).
    - In the *Message Type* field, enter ALEAUD.
  - d. Choose *Ok*.
  
2. Select Partner Profile
  - a. Run transaction SALE and choose **Partner Profiles** > *Generate Partner Profiles*. Alternatively, run transaction BD82 (Generate Partner Profiles).
  - b. Select the distribution model and in the *Partner System* field, enter the hub logical system name.
  - c. Enter the *ALE-User* (the default value is ALEREMOTE) and the following values.

Field	Value
Version	3
Pack Size	100
Output Mode	Pass IDoc Immediately
Inb. Parameters: Processing	Trigger Immediately

- d. Click on the *Execute* button. The log for partner profile generation appears showing the new sender and receiver systems
- e. To verify your settings, run transaction WE20 and from the *Partner Profiles* menu, choose *Partner Type LS*. Verify that *Partner type LS* is the logical destination system.
- f. In the detail screen, the message type, ALEAUD must appear.
- g. In the *Outbound Options* tab, in the *Process Code* field enter ALEAUD01.
- h. Select the *Cancel Processing after Syntax Error* checkbox.
- i. In the *Processing by Function Module* section, select the *Pass IDoc Immediately* radio button.
- j. Choose *Save*.

In the hub system make the following settings:

1. Partner Profile
  - a. Run transaction WE20 and check that the partner profile with logical name of the receiver system (Client system) exists below the *Partner Type LS* folder.
  - b. Select *Receiver Logical System* (Client system) and choose *Change*.
  - c. Choose *Create Inbound Parameter*.
  - d. In the *Message Type* field enter ALEAUD.
  - e. In the *Basic Type* field enter AUD2.

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- f. Select the *Cancel Processing after Syntax Error* checkbox.
  - g. In the *Output Mode* list, select *Trigger Immediately*.
  - h. Choose *Save*.
2. Configure DRF Customizing
    - a. Run transaction DRFIMG.
    - b. Navigate to **Data Replication** > **Define Custom Settings for Data Replication** > **Define Technical Settings for Business Systems**.
    - c. Select the receiver system (Hub system) and double-click on *Define Bus. Systems, BOs, Communication Channel*.
    - d. Enter the business object type 183 for Equipment, 185 for Functional location, 237 for MRO BOM, 1230 for Measuring Device, 1223 for Maintenance Plan, /UGI/TL for General Task List, /UGI/TLEQ for Equipment Task and /UGI/TLFL for Functional Loc Task, 493 for Work Center and choose *OK*.
    - e. Select the checkbox *Upd.KM*.
    - f. Choose *Save*.
  3. Prerequisite key mapping configuration
    - a. Run transaction SM30 and enter view name MDGV\_OTC\_BOR, then click on display
    - b. Ensure that EAM object relevant Object type code (OTC) to Business Object (BO) relationship is maintained. If not please maintain.
    - c. Below table provides details of OTC to BOR mapping

Object	OTC	BOR
Equipment	183	EQUI
Functional Location	185	BUS0010
Maintenance Plan	1223	BUS1020
Maintenance Item	DRF_0022	/UGI3/MITM
Measuring Point	1230	SAP_65106
Service Master	258	BUS1005
Work Center	493	BUS0011
General Task List	/UGI/TL	/UGI3/GNTL
Equipment Task List	/UGI/TLEQ	/UGI3/EQTL
Functional Location Task List	/UGI/TLFL	/UGI3/FLTL

## 14. Choose where you want to run SAP Master Data Governance

You can run SAP Master Data Governance in either of the following environments:

- SAP NetWeaver Portal
- SAP NetWeaver Business Client

### *SAP NetWeaver Portal*

The SAP NetWeaver Portal content for Utopia EAM Solutions for MDG™ is derived directly from the system PFCG roles. To create SAP NetWeaver Portal roles for your users you must log on to your portal and upload the content information from your back-end system PFCG roles.

To upload your portal content to the portal, do the following:

1. Set up your SAP NetWeaver Portal for MDG.
2. In the *Content Administration* work center choose **Portal Content Management** > **Portal Content** and select a portal content folder to upload the portal content to.
3. Right-click on the folder and choose **New** > **Role** > **Role from Back End**

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4. Select the system and client (or the connected system alias) you want to upload the role information from. This should be your MDG system.
5. From the list displayed select the PFCG roles you want to upload the content from and begin the upload.

Once uploaded you must assign and personalize the MDG portal roles as follows:

1. Log on to the portal.
2. Choose *Delegated User Administration*.
3. Enter your User ID and choose *Go*.
4. Mark the line of your user and choose *Modify*.
5. Select the *Assigned Roles* tab.
6. Enter MDG as the search criteria.
7. Select the portal role you want to add.
8. Choose *Add* and save.

After assigning the user role you need to log off and log on again to the portal. For more information on uploading role information see SAP Note [1685257](#).

## SAP NetWeaver Business Client

If you are running SAP Master Data Governance on the SAP NetWeaver Business Client (and not on the SAP NetWeaver Portal), you need to create, define, and configure the roles for the Business Client in the SAP ERP system. There are three roles containing authorization and navigation information and one role (/UGI/\_MDGEAM\_ALLUSR) containing basic access

To assign and personalize the role Master Data Governance for EAM (/UGI/\_MDGEAM\_ALLUSR) proceed as follows:

1. On the SAP Easy Access screen, choose **Tools > Administration > User Maintenance > Role Administration > Roles** or alternatively, run transaction PFCG (Role Maintenance). Choose role /UGI/\_MDGEAM\_ALLUSR.

This role ensures that the necessary steps can be started without using the SAP NetWeaver Portal. This can be used for testing or if the portal is inactive.

2. Assign and personalize the role /UGI/\_MDGEAM\_ALLUSR to your users. In the role /UGI/\_MDGEAM\_ALLUSR on the *Personalization* tab, edit the *Personalization Key* SAP Master Data Governance (R\_FMDM\_MODEL): Define the default model U1 and the related UI configuration.
3. Verify the setting of the authorization objects within the roles and restrict them if required.
4. On the SAP Easy Access screen, choose **Tools > Administration > User Maintenance > Users**. Run transaction SU01 (User Maintenance) and assign the Master Data Governance for EAM: All Users (/UGI/\_MDGEAM\_ALLUSR) for application to the MDG user.

5. Repeat these steps to assign additional authorization roles to your users.

## 15. Final Steps

SAP and Utopia recommend regenerating the data model again at the end of these setup steps to ensure clear code generation.

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**i** Before you can run all Master Data Governance processes like *Create Equipment*, you need to assign the data model U1 to your user. Alternatively, the user administrator can maintain the following *Personalization Parameter* for your user profile: *SAP Master Data Governance R\_FMDM\_MODEL*.

If there are other data models active in your system, such as Financials (OG), Material Master (MM), or Business Partner/Customer/Supplier (BP) additional entries may appear in this list.

## 16. Workflow Templates for Utopia EAM Solutions for MDG™

The following workflow template is available for Utopia EAM Solutions for MDG™.

### Workflow Template WS54300020

Utopia leverages the SAP standard workflow template WS54300020 for the approval process. This enables you to forward the change request as a work item to the appropriate processors. The status of the change request is automatically updated in the background.

This workflow template consists of the following steps:

#### 1. Start workflow

The workflow is started when a change request is created by the user, for example, a Plant Maintenance Technician.

#### 2. Execute changes

The master data specialist receives a work item to execute the changes:

- If they do not want to execute the changes, they can send the change request back to the maintenance technician. In this case, a work item with the change request is sent to the maintenance technician for revision (--> Step 3).
- If they want to execute the changes, the changes made to the master data are then checked (--> Step 4).

#### 3. Revision after rejection

The person responsible for processing the change request when it is rejected, such as the plant maintenance technician, decides whether to revise the change request:

- If (s)he revises the change request, a work item with the change request is again sent to the master data specialist for processing (→ Step 2).
- If s(he) withdraws the change request, the status of the change request is set to Final Check Rejected. If changes have already been made to the master data, these are reset and the workflow ends (→ Step 6).

#### 4. Perform final check

The system checks the change request, using validation rules for Consistency, and saves the check results in a log. The master data steward receives a work item to do a final check of

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the change request. They check the validation results in the log and either approve or reject the final check:

- If they reject the change request, a work item with the change request is sent back for revision to the maintenance technician (→ Step 3).
- If they approve the change request, the system activates the changes (→ Step 5).

### 5. *Activate changes*

The system activates the master data in the database tables of the modified objects according to the changes entered in step 4.

- i** The changes are then activated in the central system. When the workflow has been completed, if DRF is enabled in concert with ALE, the system will then send the changes to the target system(s). Manual replication is also available if desired.

### 6. *End workflow*

The system ends the workflow.

## 17. Activate Alternate Labeling (optional)

Alternative Labelling is supported with the EAM 730.

Activate Alternative Labeling using transaction OIPU.

A conversion program is started. If not all Functional Locations are converted, you can manually start the report RI\_IFLOT2IFLOS.

If all Functional Locations (IFLOT) can be converted, indicator ALCNV can be set to 'X' in table ITOBCUST.

You should also check SAP Note [213332](#).

Please run the report "RBONRRP1" and schedule in background for every 60 seconds. You may want to limit it for alt label only for object type "IF" - define a variant accordingly.

## 18. Geo Location for LAM attribute (optional)

Geo location LAM attributes for Equipment and Functional location are part of the Utopia MDG EAM 730 solution. If customers prefer not to leverage this functionality, it can be achieved e by Context Based Adaptations, hiding the Geo Location fields when a custom component configuration for LAM attributes is used or by implementing BADI. USMD\_ACC\_FLD\_PROP\_CUST\_DEP\_SET to control field properties. None of these approaches will have any side effects to other features provided in this release.

## 19. System Compatibility

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 ECC6 R/3 Compatibility

Product	Release	Vendor	Short Description of Product version
EHP7 FOR SAP ERP 6.0	EHP7 FOR SAP ERP 6.0	sap.com	EHP7 FOR SAP ERP 6.0
SAP ERP	2005	sap.com	SAP ERP 6.0
SAP MASTER DATA GOVERNANCE	8.0	sap.com	SAP MASTER DATA GOVERNANCE 8.0
SAP NETWEAVER	7.4	sap.com	SAP NETWEAVER 7.4
SLT	2.0	sap.com	SAP LT REPLICATION SERVER 2.0
EHP8 FOR SAP ERP 6.0	EHP8 FOR SAP ERP 6.0	sap.com	EHP8 FOR SAP ERP 6.0

Component	Release	SP-Level	Support Package	Short Description of Package
SAP_BASIS	750	0004	SAPK-75004INSAPBASIS	SAP Basis Component
SAP_ABA	750	0004	SAPK-75004INSAPABA	Cross-Application Component
MDG_FND	749	0003	SAPK-74903INMDGFND	MDG Foundation
WEBCUIF	748	0003	SAPK-74803INWEBCUIF	SAP Web UI Framework
MDG_APPL	619	0003	SAPK-61903INMDGAPPL	MDG Applications
MDG_UX	619	0003	SAPK-61903INMDGUX	MDG Additional User Interface
SAP_GWFND	750	0004	SAPK-75004INSAPGWFND	SAP Gateway Foundation