



## Defence Garrison and Estate

### Capture of Estate Upkeep Pricing ID 1 (EUPID1) and Estate Upkeep Pricing ID 2 (EUPID2)

#### Overview

1. The Estate Register Information Model (ERIM) outlines the requirement for field capture on estate objects, including EUPID1 and EUPID2. This information is utilised to assist in a range of estate activities such as supporting EMOS Estate Upkeep contract management, Request for Tender processes, financial processes and general management reporting.

#### Target Audience

2. All Data Suppliers, including, but not limited to; Contractors and Sub Contractors involved in the delivery of Capital Facilities Infrastructure (project stages) and Estate Works projects including Designers, Project Delivery/Services (PD/PDS) Contractors, the Estate Maintenance Operation Services Contractors (EMOS) and Property Management Contractors

#### EUPID1 and EUPID2 Attribute

3. EUPID1 and EUPID2 are Characteristic fields. The fields are to be populated for all Estate and Equipment records. The Characteristics are included in the General Estate ClassChar and the Estate Space ClassChar.
4. The EUPID1 field values are determined by considering the Estate Class ID (ECID) of the item, the Functional Parent ECID (if applicable) Asset Status, Maintenance Responsibility and reference to the EMOS EU Service Definition Table (SDT). EUPID2 field values (if applicable) are determined by the EMOS EU SDT. EUPID 1 and 2 should be reviewed and updated if necessary if there is a change to any of the applicable fields or a change to the EMOS EU SDT.
5. Entry in the EUPID1 and EUPID2 field is controlled by a Value List. Only values in the list may be selected. The description and definition of the values is in the ERIM Value Lists tab.

## Determining EUPID value

- To establish the correct Estate Upkeep Pricing ID it is essential that ECID, Asset Status, Maintenance Responsibility and Functional Parent ECID are accurately identified prior to allocation allocating the relevant EU Pricing ID.
- Estate Upkeep Pricing ID is referenced in ERIM on the Estate Class tab. Where an item can belong to a Functional Group (System) and that relationship influences the Pricing ID this is shown with Multiple values in the EU Pricing ID column aligned with the Functional Group (System) ECID.

EC-Id	Estate Class 1	Estate Class 2	Estate Class 3	Estate Class 4	Usage Guidance	EU Pricing Id	Functional Grouping (System)	Ph
E.Cn.02.03	Equipment	Control	Environmental	Sensor	Transducer that measures a property such as pressure, temperature, ph, conductivity, etc. and describes this as an electrical signal of different values relating to the quantity of the measure sensed. Not for sensors associated with a HVAC BMS (these are not required to be recorded)	PEU04.14	ES.Cn.I	
E.Cn.02.04	Equipment	Control	Environmental	Water Quality Meter	Device that measures the levels of pollutants in water for evaluation of water quality.	PEU04.14 PEU05 PEU04.23	ES.Cn.I IS.Hy.Sr IS.Hy.SW IS.Hy.WS	
E.Cn.04.01	Equipment	Control	Lighting	Daylight Sensor	Device that senses the daylight incident on the sensor and provides this information in an electrical signal.	PEU03.03 PEU03.03 PEU03.02	ES.Cn.L ES.Cn.UM ES.A.L	
E.Cn.04.02	Equipment	Control	Lighting	Control Panel	An electrical device comprising a user interface to enable monitoring and control of the lighting system.	PEU03.03 PEU03.03 PEU04.06	ES.Cn.L ES.Cn.UM ES.EI.EE	

- EUPID1 is determined using the following matrix. This field must be populated for all records.

Test 1	Test 2	Test 3	Pricing ID Result
Status = Proposed			NIC
Status = Under Construction			NIC
Status = 'Any other Status' <sup>Note 1</sup>	Maintenance Responsibility = Estate Upkeep		As per ERIM for ECID <sup>Note 2</sup>
Status = 'Any other Status' <sup>Note 1</sup>	Maintenance Responsibility = Other than Estate Upkeep		NIC
Status = 'Any other Status' <sup>Note 1</sup>	Maintenance Responsibility = Estate Upkeep	Pricing ID dependent on Functional Parent	As per ERIM for ECID and Functional Parent ECID combination <sup>Note 2</sup>

Note 1 – Items that are moving to disposed status do not require EUPID1 or EUPID2 to be updated. Existing values will be retained.

Note 2 - if item has not been included into contract yet (CCP in progress), EUPID1 will remain as NIC until CCP is approved.

- EUPID2 is determined with reference to the EMOS EU SDT. EU Pricing ID 2 will only be populated where the item has been specified as receiving a specific service in the EU Service Definition Table (referenced in Col J – Applicable Location) and any required CCP has been approved.

- EUPID2 examples include:

- a. DHA Houses (EUPID1 likely to be NIC) that receive the MQ Meter Reading Service (EUPID 2 would be PEU20).

## Entering the information into the GDL

11. EUPID1 and EUPID2 is entered in the Estate GDL or the Equipment GDL on the Characteristics sheet.

12. FLOC and Equipment Class/Char data is entered in the Assign Characteristic tab. The Estate records will run down the page and the characteristics across the top and values are entered in the applicable cell.

Field Name	Action Code	Object Identifier	Business Identifier	Asset Description	Quantity	Asset Status	RADIATIONHAZARD CATEGORY	REMAININ GLIFE
Attribute	1	100	30	40	13	9	CHAR	NUM
Drop Down	Function					Status	4	15
Sheet	Equipment	Equipment	Equipment	Equipment	Equipment	Equipment	Radiation Hazard Category	Remaining Life
Column	B	C	E	G	AV	U		
		500128446			1	INST ZPRO	Not Applicable	
		500128447			1	INST ZPRO		
		500128450			1	INST ZPRO	Not Applicable	

In the technical sheets, the information is loaded into the ClassChar sheet which are in both the Estate and Equipment GDL. The format of the sheets vary a little however, the functionality remains the same. Every Characteristic for an estate asset has its own row.

Attribute Name	Function	Business Object Identifier	Equipment Number	Master Warranty Number	Warranty Type	Class	Class Type	Characteristic Name	Characteristic Value
MAPPING	Function Code	Business Obj	Equipment	Master warranty	Warranty type	Class	Class Type	Characteristic	Char. Value
Attribute Type	Character	Character String	Character String	Character String	Numeric	Character String	Character String	Character String	Character String
Attribute Length		1	100	18	3	1	18	3	30
Attribute Format	List and must be upper case		The SAP generated Equipment No	The SAP generated Master Warranty ID	List	List			
Estate Object Type	Equipment	Equipment	Equipment	Equipment	Equipment	Equipment	Equipment	Equipment	Equipment
Attribute ID			1035		2150				Various
Attribute Description	Identifies the action that is required, can be either Create, Update, Delete or Undelete	Identifier for the records that is used to map to corresponding entries on other sheets in the GDL	This is the SAP systems number. It is created by the GEMS Sustainment Team and is shown for information only	This is the SAP System Number. It is assigned when the Master Warranty Record is created	Type of warranty, e.g. Full, parts only, etc via a link to transactional history. Electronic copy of warranty documentation can be added via the 2080 Attached Document and 2155 Document Type attributes	Identifies if the characteristic is assigned to the FLOC or Master Warranty	This entry is system generated based off the Estate Class that has been assigned to the asset	This entry is system generated based off the Estate Class that has been assigned to the asset	Refer to the EDR for a list of the allowable values for an entry
Completed by			System Generated	GEM Data Team	Delivery Contractor	System Generated	System Generated	System Generated	Various
Mandatory or Optional		Mandatory if function code is populated	Mandatory at Update	Mandatory for for Class Type 039	Mandatory for for Class Type 039	Mandatory	System Generated	System Generated	Mandatory
Allowed Values	C for Create U for Update D for Deletion X for Undelete	This can be any alpha numeric combination, if the asset is currently in the system it will be populated with the Equipment Id		Must be the system generated Master Warranty identifier for the object	This value will always be 2 for vendor warranty	Refer to the EDR for a listing of the relationships between Estate Class and Class Types	003 for functional location 039 for master warranty	Refer to the EDR for a listing of the relationships between Estate Class and Class Types	Refer to the EDR for a list of the allowable values for an entry.  Where the entry is free text it is limited to 30 characters.
		300038001	300038001			GENERAL EQUIPMENT	002	TAXCODE	
		300038001	300038001			GENERAL ESTATE	002	ASSETNAME	
		300038001	300038001			GENERAL ESTATE	002	DECOMMISSIONINGDATE	
		300038001	300038001			GENERAL ESTATE	002	DESIGNALIFE	
		300038001	300038001			GENERAL ESTATE	002	FUNCTIONALPARENT	

## Document Information

<b>Version</b>	1.0
<b>Issuing Date</b>	July 2021
<b>Endorsed by</b>	IMWG at July 2021 meeting

## Summary of Changes

<b>Version</b>	<b>Description of change</b>
1	Initial version