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# MHHSP – Business Process – Version History
# MHHSP-BPM010- Change of Registration Data

| Version | Description | Author | Date |
|---|---|---|---|
| 0.01 | First draft based on AWG Consultation Documentation | MHHS Programme | 23/09/2021 |
| 0.02 | Updates following Design Team Reviews | MHHS Programme | 05/11/2021 |
| 0.03 | Updates following BPRWG | MHHS Programme | 24/11/2021 |
| 0.05 | Updates following comments from BPRWG and Advanced & UMS WG | MHHS Programme | 09/02/2022 |
| 0.06 | Updated with new interface numbers | MHHS Programme | 18/02/2022 |
| 1.0 | Issued for BPRWG wider Review | MHHS Design Team | 21/02/22 |
| 1.10 | Issued for BPRWG wider Review | MHHS Design Team | 25/03/22 |
| 2.00 | Issued to DAG for Review | MHHS Design Team | 25/04/22 |
| 3.00 | Issued For Change Control | MHHS Design Team | 26/07/22 |
| 3.5 | Issued For Industry Review | MHHS Design Team | 14/10/22 |
| 4.0 | Baselined DAG Approval | MHHS Design Team | 31/10/22 |
| 4.5 | issued for M5 Work Off Plan assurance review | MHHS Design Team | 16/12/22 |
| 4.6 | issued for M5 Work Off Plan approval | MHHS Design Team | 20/01/23 |
| 4.7 | Updated with BPRWG feedback | MHHS Design Team | 31/01/23 |
| 5.0 | DAG Baseline | MHHS Design Team | 16/02/23 |
| 5.1 | MHHS-DIN-62, MHHS-DIN-103, MHHS-DIN-122, MHHS-DIN-151 | MHHS Design Team | 11/04/23 |
| 5.2 | MHHS-DIN-465 | MHHS Design Team | 28/07/23 |
| 5.3 | MHHS-DIN-390 | MHHS Design Team | 08/08/23 |
| 5.4 | BP010E New Lower Level Customer Direct Contract Process Added (DIN-554)<br>DIN 594 – update to Related MPAN rejections via the DIP on BP010B | MHHS Design Team | 30/08/23 |

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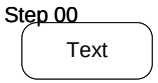
# MHHSP – Business Process - Key

| Item | Description |
|---|---|
| | Process |
|   | Task |
| | Decision gateway |
| | Initiate multiple steps |
| | Collapsed sub-process |
| | Message |
| | Start BPM |
| | End BPM |
|  | Sequence flow – Black = Process Step / Blue = DIP Output |
|  | Message flow - Orange = 3rd Party / Red = TBD |

# MHHSP-BP-010A – Change of Registration Data – v5.1

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**Business Process Description**
This BPMN diagram describes the 'Registration Service Data Updates' Business Process. For a detailed description of each step in the BPM, please refer to the accompanying Business Process Descriptions [BPD] document for this Business Process.

**Actors**
Supplier
CSS
LDSO
Registration Service
Data Integration Platform
Data Service (SDS, ADS, UMSDS)
Metering Service (MSS,MSA, UMSO)
Central Settlements (LSS/MDS)
EES

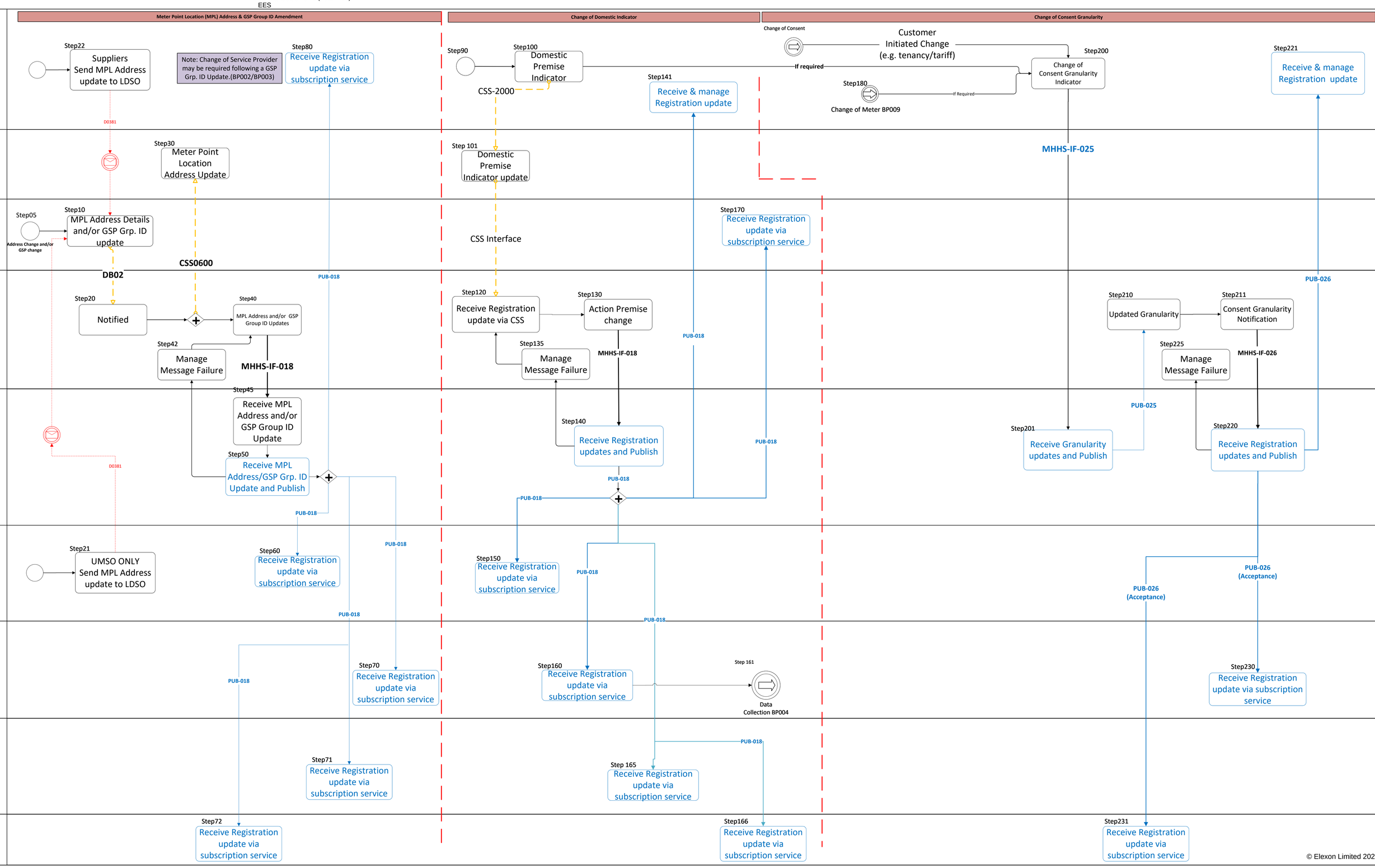
**MHHS Interfaces**
MHHS-IF-018-Notifcation of Registration Data Item Changes
MHHS-IF-025-Supplier Updates to Registration
MHHS-IF-026-Registration Service Notification of Supplier Data Changes

**Publication List**
PUB-018 - Notification of Registration Data Item Changes
PUB-025- Supplier Updates to Registration
PUB-026-Registration Service Successful Notification of Supplier Data Changes

**BPM included as part of the process**
MHHS-BP009 - Change of Meter

**BPM entry**
N/A

**Exit BPM**
MHHS-BP004 – Data Collection

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# MHHSP-BP-010B – Change of Registration Data – v5.4

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**Business Process Description**
This BPMN diagram describes the 'Registration Service Data Updates' Business Process. For a detailed description of each step in the BPM, please refer to the accompanying Business Process Descriptions [BPD] document for this Business Process.

**Actors**
Supplier
LDSO
Registration Service
Data Integration Platform
Data Service (SDS, ADS, UMSDS)
Metering Service (MSS,MSA, UMSO)
Central Settlements (LSS, MDS)
**EES**

**MHHS Interfaces**
MHHS-IF-018-Notifcation of Registration Data Item Changes
**MHHS-IF-019 – Maintain Mpan Relationships**
**MHHS-IF-020 – Maintain Mpan Relationships outcome**

**Publication List**
PUB-018 - Notification of Registration Data Item Changes
**PUB-019 – Maintain Mpan Relationships**
**PUB-020 – Maintain Mpan Relationships outcome**

**BPM included as part of the process**
MHHS-BP011 – Change of ConType and/or Mkt Segment

**BPM entry**
N/A

**Exit BPM**
N/A

Supplier
LDSO
Registration Service
Data Integration Platform
Metering Service
Data Service
Central Settlements
CSS
EES

**Duos Tariff ID Update**

Step300 Receive Registration update via subscription service

Step240 Change of Energy Direction
Step241 Change of Domestic Indicator
Step242 Change of Connection type
Step250 Update DUOS Tariff ID
DB02
PUB 018
Step260 Notified
Step270 Update DUOS Tariff ID
IF-018
Step275 Manage Message Failure
Step280 Receive Registration update and Publish
PUB-018
Step285 Receive Registration update via subscription service
PUB-018
PUB-018
Step286 Receive Registration update via subscription service
PUB-018
Step290 Receive Registration update via subscription service
Step291 Receive Registration update via subscription service

**Related MPANs**

Step310
Step320 Supplier identifies MPAN needs relating/ un-relating
MHHS-IF-019
Step325 Receive Supplier update and Publish
PUB-019
Step330 Registrations validation check
Step340 Update Related MPAN information
If Accepted
Step 342 Change of Market Segment BP011B
If accepted
Step360 Receive Registration update and Publish
PUB-020 (Rejection)
Step370 Receive Registration update via subscription service
CSS Update
PUB-020 (Acceptance)
Step380 Receive Registration update via subscription service
Step390 Receive Registration update via subscription service
Step 341 Maintain Related MPANs
PUB-020 (Acceptance)
Step391 Receive Registration update via subscription service
Step400 Receive Registration update via subscription service
PUB-020 (Acceptance)
Step410 Receive Registration update via subscription service

**"One-Time" Change of Energy Direction**

Step420
Step430 Supplier identifies Energy direction needs updating
Email/SDEP
Rejected
Step435 LDSO Approves 'one time' Request
Accepted
DB02
Step440 Update Energy Direction
Step450 Update Energy Direction information
IF-018
Step460 Manage Message Failure
Step470 Receive Registration update and Publish
PUB-018
Step480 Receive Registration update via subscription service
CSS Update
PUB-018
Step490 Receive Registration update via subscription service
Step500 Receive Registration update via subscription service
Step 502 Maintain Energy Direction
Step501 Receive Registration update via subscription service
Step510 Receive Registration update via subscription service
Step520 Receive Registration update via subscription service

**"One-Time" Change of Unmetered Indicator**

Step530
Step540 Supplier Identifies Change required for metered indicator
Rejected
Step550 LDSO Approves 'one time' Request
Accepted
DB02
Step560 Update Metered Indicator
IF-018
Step570 Change of Connection Type BP011
Step590 Receive Registration update and Publish
PUB-018
Step600 Receive Registration update via subscription service
CSS Update
Step610 Receive Registration update via subscription service
Step 622 Maintain Metered Indicator
PUB-018
Step621 Receive Registration update via subscription service
Step620 Receive Registration update via subscription service
PUB-018
Step630 Receive Registration update via subscription service
PUB-018
Step640 Receive Registration update via subscription service

**Note: "One Time" Changes**
We understand that there is a convention in place whereby the LDSO may undertake a "one time" change of Metered/Un-Metered Indicator and that the same convention should be extended to "Energy Direction".

These notifications are to allow for these "one time" changes to be communicated to participants.

We understand that if further change/correction to either of these values is required then the existing MPAN would be discontinued and a new MPAN Created.

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# MHHSP-BP-010C – Change of Registration Data – v5.1

**Business Process Description**
This BPMN diagram describes the 'Registration Service Data Updates' Business Process. For a detailed description of each step in the BPM, please refer to the accompanying Business Process Descriptions [BPD] document for this Business Process.

**Actors**
Supplier
CSS
LDSO
Registration Service
Data Integration Platform
Data Service (SDS, ADS, UMSDS)
Metering Service (MSS,MSA, UMSO)
Central Settlements (LSS/MDS)
EES

**MHHS Interfaces**
MHHS-IF-018-Notifcation of Registration Data Item Changes
MHHS-IF-025-Supplier Updates to Registration
MHHS-IF-026-Registration Service Notification of Supplier Data Changes
**MHHS-IF-019 – Maintain Mpan Relationships**
**MHHS-IF-020 – Maintain Mpan Relationships outcome**

**Publication List**
PUB-018 - Notification of Registration Data Item Changes
PUB-025- Supplier Updates to Registration
PUB-026-Registration Service Successful Notification of Supplier Data Changes
**PUB-019 – Maintain Mpan Relationships**
**PUB-020 – Maintain Mpan Relationships outcome**

**BPM included as part of the process**
N/A

**BPM entry**
N/A

**Exit BPM**
**N/A**

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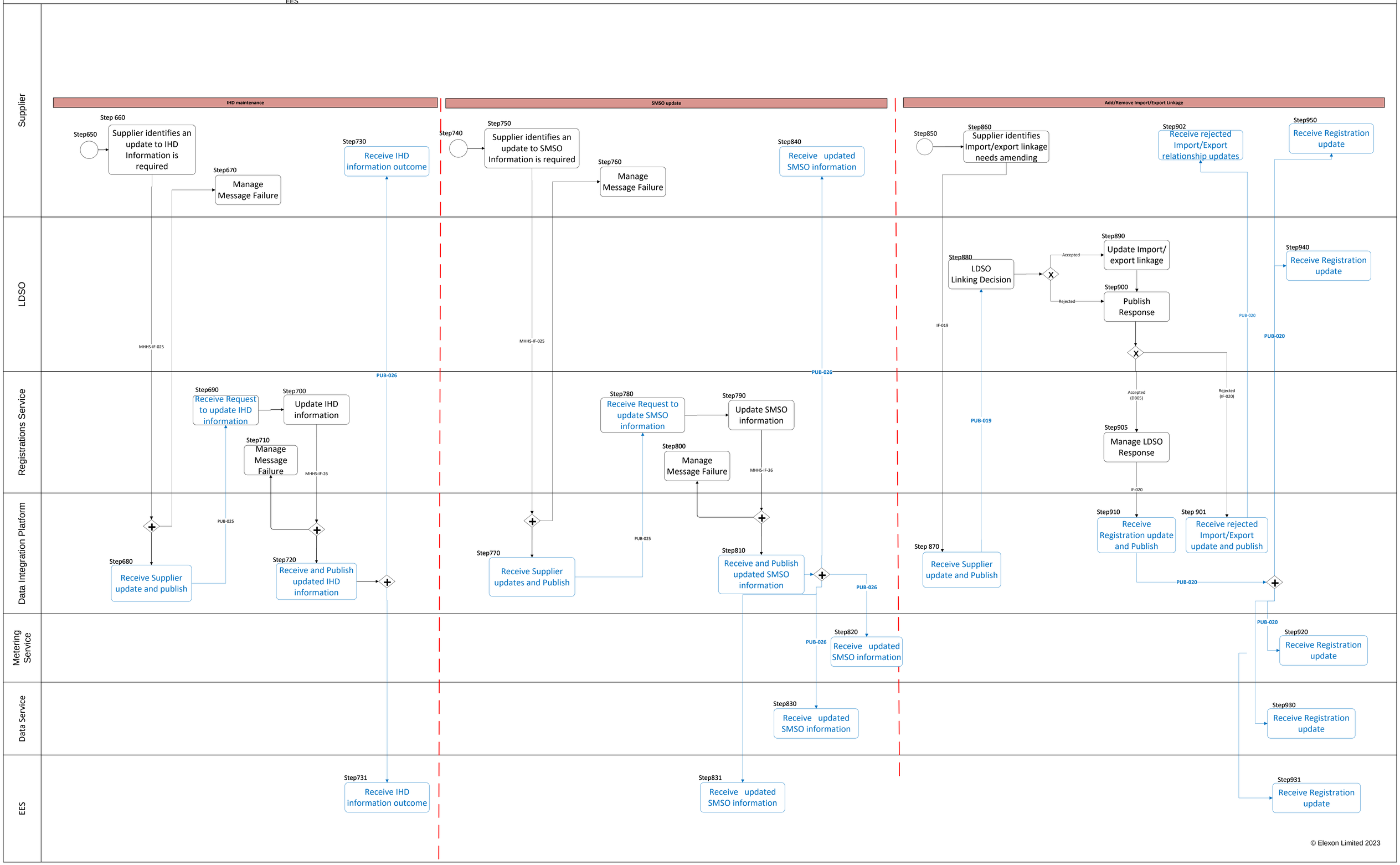


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# MHHSP-BP-010D – Change of Registration Data – v5.0

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**Business Process Description**
This BPMN diagram describes the 'Registration Service Data Updates' Business Process. For a detailed description of each step in the BPM, please refer to the accompanying Business Process Descriptions [BPD] document for this Business Process.

**Actors**
Supplier
LDSO
Registration Service
Data Integration Platform
Data Service (SDS, ADS, UMSDS)
Metering Service (MSS,MSA, UMSO)
Central Settlements (LSS/MDS)
DCC
EES

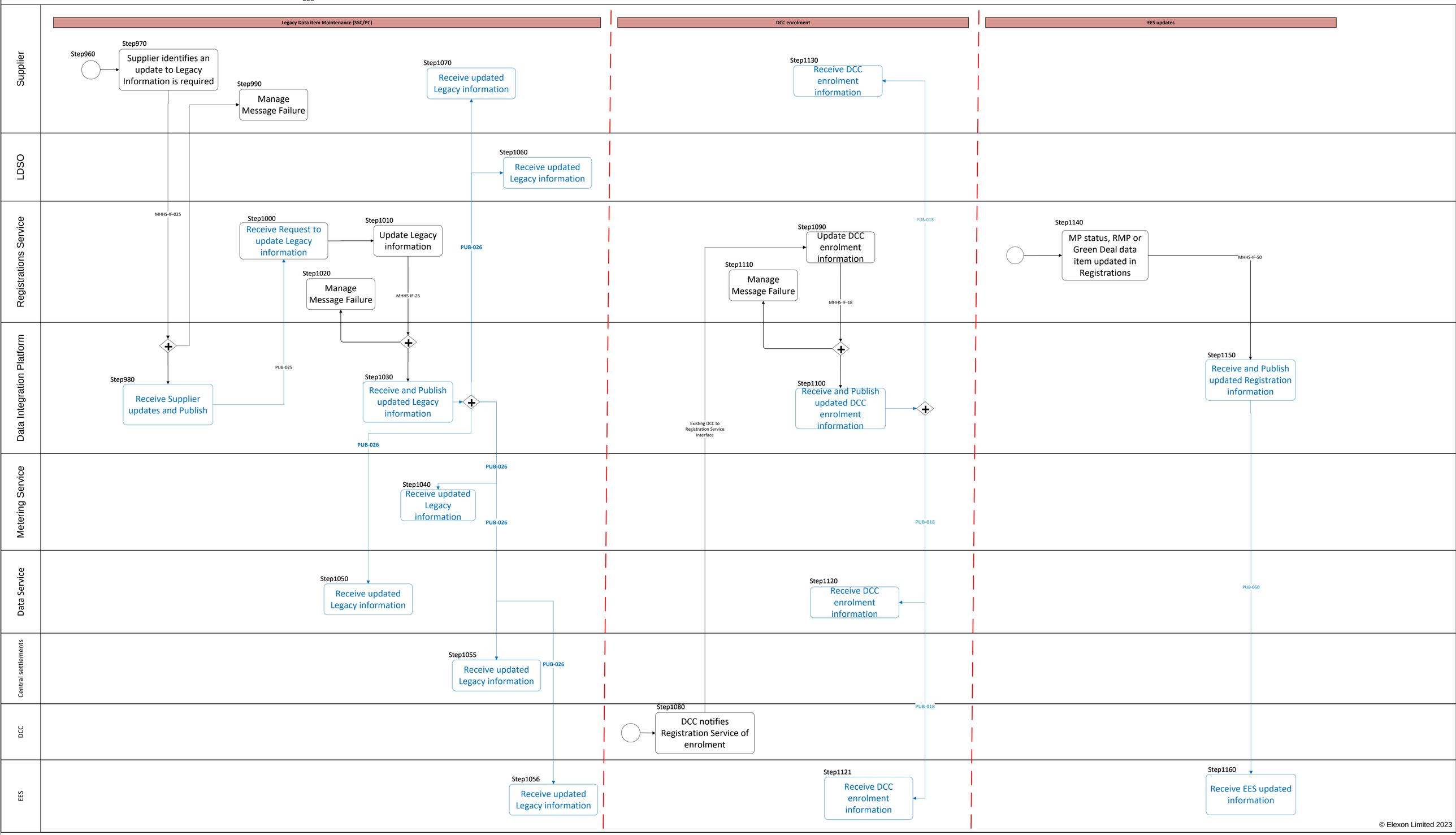
**MHHS Interfaces**
MHHS-IF-018-Notifcation of Registration Data Item Changes
MHHS-IF-025-Supplier Updates to Registration
MHHS-IF-026-Registration Service Notification of Supplier Data Changes
MHHSP-IF-050- EES Updates

**Publication List**
**PUB-018**-Notifcation of Registration Data Item Changes
**PUB-025**- Supplier Updates to Registration
**PUB-026**-Registration Service Successful Notification of Supplier Data Changes
**PUB-050**- EES Updates

**BPM included as part of the process**
N/A

**BPM entry**
N/A

**Exit BPM**
**N/A**

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# MHHSP-BP-010E – Customer Direct Flag v. 5.4

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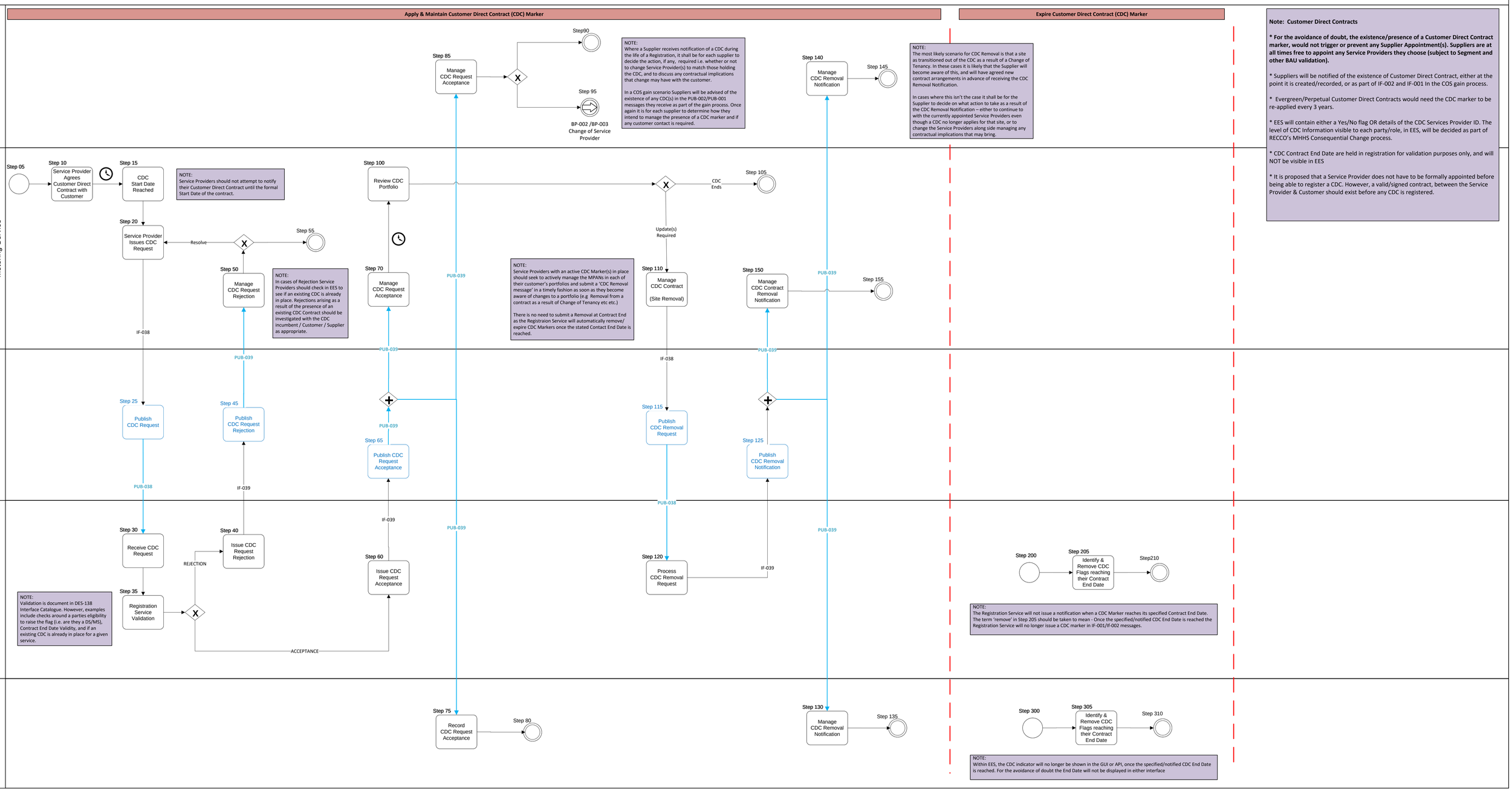
**Business Process Description**
This BPM diagram describes the 'Application & Management of Customer Direct Contracts' Business Process. For a detailed description of each step in the BPM, please refer to the accompanying Business Process Descriptions [BPD] document for this Business Process.

**Actors**
Supplier
Registration Service
Data Integration Platform
Metering Service (MSS, MSA, UMSO)
Data Service (SDS, ADS, UMSDS)
EES

**MHHS Interfaces**
MHHS-IF-038 Customer Direct Contract Advisory
MHHS-IF-039 Customer Direct Contract Advisory Response

**Publication List**
PUB-038 Customer Direct Contract Advisory
PUB-039 Customer Direct Contract Advisory Response

**BPM included as part of the process**
MHHS-BP003A- CSS/DCC Update

**BPM Entry**
None

**Exit BPM**
MHHS-BP002 – Change of Metering Service
MHHS-BP003 – Change of Data Service