

## MHHSP – Business Process – Version History MHHSP – Business Process – Version History PROGRAMME MHHSP-BPM003- Change of Service Provider – 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	04/11/2021
0.04	Updated for following further internal reviews	MHHS Design Team	02/03/2022
0.05	Issued for WG Review	MHHS Design Team	07/03/2022
1.00	Issued for BPRWG Review	MHHS Design Team	31/03/2022
2.0	Issued for BPRWG Review / DAG Review	MHHS Design Team	11/05/2022
3.0	Issued for T4 Review	MHHS Design Team	05/08/22
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	Updates from BPRWG feedback	MHHS Design Team	31/01/23
5.0	DAG Baseline	MHHS Design Team	16/02/2023
5.1	MHHS-DIN-64, MHHS-DIN-95, MHHS-DIN-31	MHHS Design Team	03/04/2023
5.2	MHHS-DIN-281, MHHS-DIN-369	MHHS Design Team	20/06/2023
5.3	MHHS-DIN-495	MHHS Design Team	12/07/23
5.4	MHHS-DIN-338, MHHS-DIN-605, MHHS-DIN-608	MHHS Design Team	14/09/23
5.5	MHHS-DIN-735 ( Remove BP007 from Entry Process list ) MHHS-DIN-736 ( Remove step 36 – added in error )	MHHS Design Team	19/10/2023
5.6	Added Note on IF-036/037 distribution to MDS	MHHS Design Team	24/10/23
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Item	Description	
	Process	
Step 00 Text	Task	
<b>x</b>	Decision gateway	
<b>(+</b> )	Initiate multiple steps	
+	Collapsed sub-process	
<b>(</b>	Wait for time period or specific event	
	Start BPM	
	End BPM	
<b>→</b>	Sequence flow – Black = Process Step / Blue = DIP Output	
0	Message flow - Orange = 3 <sup>rd</sup> Party / Red = TBD	

Industry-led, Elexon facilitated MHHS Interfaces **Publication List BPM Entry** Exit BPM **Business Process Description BPM** included as part of the process Actors MHHS-IF-031 Supplier Service Appointment Request Supplier (Prospective/Incumbent) PUB-031 Supplier Service Appointment Request This BPM diagram describes the 'Change of Data Service' MHHS-BP003A- CSS/DCC Update MHHS-BP001-Change of Supply MHHS-BP003C-Transfer of Reads MHHS-IF-032 Reg. Serv. Response to Supplier Service App Request PUB-032 Reg. Serv. Response to Supplier Service App Request Registration Service Business Process. For a detailed description of each step in MHHS-BP011-Change of Market Segment MHHS-BP004B – UMS Data Collection MHHS-IF-033 Registration Service Request for Service Appointment PUB-033 Registration Service Request for Service Appointment **Data Integration Platform** the BPM, please refer to the accompanying Business Process MHHS-IF-034 Service Provider Response to Appointment Request PUB-034 Service Provider Response to Appointment Request New Data Service (SDS,ADS,UMSDS) Descriptions [BPD] document for this Business Process. MHHS-IF-035 Registration Service Appointment Status Notification PUB-035 Registration Service Appointment Status Notification Metering Service (MSS, MSA, UMSO) MHHS-IF-036 Reg. Serv. Notification of Service App. & Supporting Info PUB-036 Reg. Serv. Notification of Service App. & Supporting Info Existing Data Service (SDS, ADS, UMSDS) MHHS-IF-037 Registration Service Notification of Service De-Appointment PUB-037 Registration Service Notification of Service De-Appointment Supplier (Outgoing) MHHS-IF-038 Customer Direct Contract Advisory PUB-038 Customer Direct Contract Advisory LDSO MHHS-IF-039 Customer Direct Contract Advisory Response PUB-039 Customer Direct Contract Advisory Response **Associated Export & Related MPAN** Step 20 **Customer Direct Contract** Note: Automated Alignment of Export / Related Send Initial Marker (DS) Request \* Appointments would only be accepted on the Required Step 261 Import, Primary MPAN and, in the case of SMART Step 970 Step 751 DS, Export MPANs • Step 35 Manage DS Step 95 \* Linked Export (Except Smart Data Service Manage Appointment Manage Service appointments)/ Related Secondary MPAN(s) auto \* Evergreen/Perpetual Contracts would need marker to be re-**Customer Direct** Manage DS Manage Initial DS de-appoint and then appoint SPs ONLY following Contract applied every 3 years. Proposed BP-003C **Note: CSS Switch Cancellations** lanage Message Wait for successful appointment of Import / Primary Notification \* MPAN Enquiry & EES would also contain either a Yes/No flag OR Appointment Read Transfer Failure Request hen the Registration Service processes and accepts a switch cancellation from CSS, and there is a Queued Service Provider Acceptance \* Smart Import and Export can have same MS details of the Metering Services ID. Request on Change of ointment with PUB-034 response code "A" already accepted for the registration, the Registration Service will issue an "IF-035 Lapsed (separate DS) / Advanced I&E AND all "Related Response \* Notifications to the Supplier (IF-001 and IF-002) would also contain Response Data Service tification" i.e. it will NOT wait until the day prior to the proposed appointment start date before issuing the IF-035. Where in the rare MPANs" should have same MS & DS enario a cancellation is received and accepted by the Registration Service before the PUB-034, the Registration Service will not lapse on \* End Date held in registration for validation purposes only, and eceipt of the cancellation, instead re-validation the day prior to the appointment start date would trigger a lapse. \* Linkage Definition & Maintenance : should NOT be visible in EES - For Import / Export (linkage will only ommence following implementation of CP1558) \* This functionality would not trigger or prevent any Supplier - On creation of Export MPAN the LDSO should, if equired, create a linkage back to an Import -Retro/Same Day-Same Day - "In-life" Breaking or Making of I/E linkage also Step 101 done, off the back of manual/email/SDEP request, to the LDSO Hold in Validate Initial DS - For Related MPANs, Supplier defines and Processing Appointment Appointment maintains the linkage Treatment Request - This will continue to be done following the existing process using the IF-019 Prospective MHHS IF - 031 FOR AVOIDANCE OF DOUBT FUNCTIONAILITY WAIT for CSS Daily Batch WILL OPERATE ON THE 'REGISTRATION LINKAGES' FOR BOTH IMPORT EXPORT & ALL Step 125 Step 120 ▼ Step 710 NOTE: "DIP Message Review & CSS CONFIRMED APPOINTMENT ailure" is only shown here Re-Validate Identify Linked Secured —All Outcomes— as part of the first DIP Prospective Notification Export & Related interaction. This reiectio Appointment(s) MPAN(s) Process can occur for ALL DIP PUB -032 **Customer Direct** lessage Submissions, b Contract Request is only shown in this (Failed Validation) diagram once. Step 86 Step 87 For Import & Export Step 210 Issue DS Step 770 ¥ Issue Initial DS Issue MS Step 251 Step 720 Manage SP Issue Request Issue Linked Issue MS Prospective Prospective Notify Issue DS DS Proposed Proposed MPAN(s) Appointment Appointment Request Appointment Prospective Appointment Appointment Appointment De-Appointment Appointment Response Notification to Response Response Appointment as De-Appointment Outcome Notification(s) to Notification Existing MS Effective Notification Responses BP003A Linked MPAN(s) Supplier CSS/DCC Update IF-035 IF-035 IF-033 PUB-034 IF-036 Step 80 Publish **Publish** Proposed Proposed Appointment Appointment DS Appointmen Step 50 PUB-035 DS Appointment Step 215 Step 255 Outcome Outcome Step740 Step 780 4 Request Responses Responses **Publish** Publish Step 920 Step 940 → Publish Initial DS De-Appointmer Linked Initial DS Proposed Notification of Appointmen MPAN(s) Appointment Linked MPAN(s) Notification **Customer Dire** Request (Acceptances) Response of Appointment Response Outcomes Manage Step 91 Step 230 Appointment Step 283 Manage Step 231 Registration 1. Data Service would validate Supplier Contract & Metering Manage DS Notification & Info Customer Direct Service of 3<sup>rd</sup> Party Step 347 Serviceability. Responding with Acceptance or Rejection. Proposed Manage DS Respond to Process D0388 Contract Receive Linked Cancel/Terminate Customer Direct 2. PUB-033 will provide details of all Linked MPANs & associated DS Appointment Appointment Received MTDs Response MPAN(s) Proposed Inventory Contract i.e. MDR/MRS Request Trad/Adv Only Request Request Associated with Appointment 3. Data Service should be aware Acceptance will result in the Response this Appointment Notification transfer of Related MPANs as appropriate BP-003C NOTE: Appointment and other BP-003C Manage MTD Read Transfer processes, relating to the MDR/MRS, Receive MTDs Trad/Adv Read Transfer SP Agrees Direct Discrepancies on Change of are wholly a matter for the SDS & are from MS on Change of if required currently outside of the scope of the Data Service Contract Data Service MHHS Design Note: PUB-036/PUB-037 will be NOTE: De- Appointment /Termination and othe ssued for each & every Linked MPA cesses, relating to the MDR/MRS, are wholly and will be sent to the 'relevant matter for the SDS & are currently outside of parties' per the main diagram/IF Step 96 the scope of the MHHS Design Routing Matrix PUB-039 Step 760 Process **UMS Data** BP-003C DS Read Transfer Collection De-Appointment Data Service on Change of Notification De-Appointment Data Service Notification BP-003C Step 301 Read Transfer e.g. MDR/MRS on Change of Data Service Step 282 **NOTE: Exchange of Customer & PSR Information** Send D0388 Step 160 Following discussions in the working group sessions, it has been agreed that the exchange of Customer & PSR Information, both following a Change of Send D149/ Service Provider event and in other circumstances (following update by the Supplier), will continue to be undertaken using D0302/D0225 D-Flows via D150 DTN. This information should be exchanged (from the Supplier to the incoming Service Provider) following confirmation of an Appointment taking Issue MTD to DS effect (i.e. receipt of PUB-036 from the Registration Service). Incoming Data PUB-037 Appointment Advanced Notification & Service MTD **NOTE: Service Provider De-Appointment Notifications** NOTE: Incumbent Metering Service In normal BAU operations it would be expected that at the point of "Auto De-Appointment", there would be 'Prospective Appointments' in place, hould issue MTDs for all MPANs/Meter BP-003C Send D268 ready to be activated, thus providing continuity of Service Provider coverage. In these cases the incoming Service Provider details can be included in Linked or Related to the Import or **Read Transfer** the Auto De-appointment IF-037/PUB-037 message. Primary MPAN on Change of Data Service However, there could be non-standard scenarios where there is no follow-on appointment in existence when Auto De-appointment is executed, neaning no incoming Service Provider information can be populated into the PUB-037. In these cases the supplier would need to execute a 'Retro' Service Provider Appointment (in order to ensure continuity of Service Providers) – where this is the case a second/follow-on IF-035/PUB-035 will be issued to the previous Service Provider as part of the process of activating the 'Retro' Appointment. DS NOTE: Step 150 Applies to Change of Supplier only. This would be De-Appointment Note: Whilst not shown on this process map the MDS (Marketwide Data Service) will be copied on all Data Service Appointments (IF-036 [DS-App] eceived by the existing/incumbent Supplier in the case of a Change Notification of Service Provider (no Change of Supply) and De-Appointments IF-037 [DS-DeApp]. Step 145 Step 280 🔻 DS Process DS Appointment De-Appointment Notification & MTD Notification Step 146 🚽 DS Manage DS Appointment Customer Direct Contract De-Appointment Notification & MTD Notification Response © Elexon Limited 2023