



**MHHS
PROGRAMME**
Industry-led, Elexon facilitated

CR45 Design following Design Resolution Group Meeting # 16

09-May-24

Background

- Following feedback at the last 2 DRG sessions, this slide pack provides updated detail on the design for CR045
- It should be noted that this is an **exception** process and the design is based on this being for limited numbers
- Without implementation of this CR prior to M10 participants will need to make their own arrangements for fixing any anomalies to appointed Service Providers as a result of CSS misalignment with Registration Service.
- This CR covers development of a new MHHS Super User Tool which corrects:
 - Missed Switches – insertion of a ‘missed’ switch (*only* when following the latest switch held in REGS)
 - Revocation (Annulment) of a Switch - removal of a switch which should not have occurred
- The tool will correct Registration Service data but will also issues/re-issue MHHS messages to notify users of the change(s). These messages are a trigger for Parties that an “exception” has occurred which requires resolution.
- The tool will only be used to ensure alignment with CSS and initially will only cater for ‘case-by-case’ corrections
- This CR would be progressed through the BAU change process, if agreement is not reached that it can be implemented prior to M10.

- Assume SSD change will always be retrospective, and will be one of the following scenarios:
 - Missed Switch – insertion of a ‘missed’ switch (only when following the latest switch held in REGS)
 - Revocation of Switch- removal of a switch which should not have occurred
- Should there be any constraints on the time period ?
 - Limit to previous supplier SSD (i.e can only impact ‘one’ supply period, cannot cross previous CoS) ← MUST Have
 - Limit to Settlement Cut Off Date (i.e. no cross/supplier settlement impact post RF of a Settlement Date) ← MUST Have
 - Note this restriction does not place any limit on Parties raising valid Disputes where these go beyond RF, it is just the cut off for when they will be notified via the CR045 process
- How should Service Provider(s) be treated?
 - Auto De-Appointment, back to ‘correct SSD or Revocation date’ of [existing] / erroneous SP’s ← MUST Have
 - “FIX” Appointment by impacted Supplier based on the notified Switch Date (i.e No ‘Auto’ Restoration, this opens up many complex possibilities, all would end in the need for a [manual] BAU Re-appointment anyway)

- What messages should be sent to deal with the change of supplier?
 - **Switch Revocation**
 - IF-037 issued to Currently Appointed Service Providers (if they exist)
 - New DeApp Reason Code [REGSFIX]
 - What date should be used in De-App
 - The date would be set to the exact same date and time as the revoked appointment (Consistent with functionality required for Atomic Secured Active scenario to make it as if the appointment never occurred)
 - Incoming SP details will not be issued for [REGSFIX] ~~to the SPs appointed prior to the revoked SPs via [MS/DSDDeAppUpdate] events~~ (ie B10/B11 blocks will not be provided) (Removed following DRG #16)
 - New ~ IF-001 [SwitchRevoked] Event to 'Revoked Supplier' (Optional), LDSO (Optional) and MDS.
 - New ~ IF-001 [SwitchRestored] issued to [previous] restored Supplier (Optional), LDSO (Optional) and MDS (*This is used as a prompt that Supplier needs to instigate an **exception** process and needs to issue Appointment flows*)
 - Both IF-001 messages would reference the date of the Revoked Switch
 - MPAN is now without any SP's appointed, 'Restored Supplier' should set these per BAU rules
 - The date used should be the date of the revoked appointment as used in the IF-037
 - The Supplier should appoint using a new [FIX] scenario which will use the same validation as [CSP] scenario (*New scenario added following feedback to provide prompt to incoming Service Provider it is an exception process*)

- What messages should be sent to deal with the change of supplier?
 - **Missed Switch Notification**
 - IF-037 issued to Currently Appointed Service Providers (if they exist) – with De-App reason 'CSUPPRESFIX', Eff Date of SSD – 1 Updated to CSUPP following DRG feedback
 - Incoming SP details notified for CSUPPRESFIX via [MS/DSDeAppUpdate] events (ie B10/B11 blocks will be provided) Updated to CSUPP following DRG feedback
 - IF-001 [ChangeOfSupplier] issued to [new] incoming Supplier, LDSO (Optional) and MDS
 - CoS Date in flow would reference the SSD of the missed switch
 - MPAN is now without any SP's appointed, as previous Appointment Requests will have been lapsed – incoming Supplier should set these per BAU rules (i.e. Eff From notified SSD using [CSP] scenario) In line with current validation rules for Registration Service
 - **Impacts on Settlement**
 - In both scenario's, any consumption data already submitted for the MPAN will be retained by MDS.
 - The Incoming Data Service would be free to submit/re-submit consumption in line with the relevant Method Statement.
 - Suppliers can raise Consumption Amendments and Disputes in line with BAU rules

Overview Diagrams

Revocation - Missed switch cancellation

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Supplier 1										Supplier 2				
MS (Supplier 1)										MS (Supplier 2)				
DS (Supplier 1)										DS (Supplier 2)				

IF-037 issued to Supplier 2 SPs with De-appointment Reason Code of REGSFIX

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Supplier 1										Supplier 2				
MS (Supplier 1)										No MS				
DS (Supplier 1)										No DS				

IF-001 [SwitchRevoked] issued to Supplier 2
 IF-001 [SwitchRestored] issued to Supplier 1

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Supplier 1										Supplier 1				
MS (Supplier 1)										No MS				
DS (Supplier 1)										No DS				

Supplier 1 [Re]Appoints Service Providers using FIX scenario

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Supplier 1										Supplier 1				
MS (Supplier 1)										MS (Supplier 1)				
DS (Supplier 1)										DS (Supplier 1)				

No IF-037 [DS/MSDeAppUpdate] events issued (Following discussion at DRG#16)
 No exchange of reads required.
 MTD's should be exchanged via Appointment process if new SP's are appointed

Insertion - Missed Secured Active

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Supplier 1														
MS (Supplier 1)														
DS (Supplier 1)														

IF-037 issued to Supplier 1 SPs with De-appointment Reason Code of CSUPP

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Supplier 1														
MS (Supplier 1)										No MS				
DS (Supplier 1)										No DS				

IF-001 [ChangeOfSupplier] issued to Supplier 2
 Supplier 1 should have received CSS loss flows

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Supplier 1										Supplier 2				
MS (Supplier 1)										No MS				
DS (Supplier 1)										No DS				

Supplier 2 Appoints Service Providers using CSP scenario

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Supplier 1										Supplier 2				
MS (Supplier 1)										MS (Supplier 2)				
DS (Supplier 1)										DS (Supplier 2)				

IF-037 [DS/MSDeAppUpdate] events issued to Supplier 1 SP's notifying incoming SP's
 Normal processes for exchange of reads as part of Appointment process
 Normal processes for exchange of Meter Technical Details as part of Appointment process