



# **P272 BSC Industry Day**

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5 August 2015

**ELEXON**



# Introduction and housekeeping

Douglas Alexander

**ELEXON**

# Health & Safety

## In case of an emergency

An alarm will sound to alert you. The alarm is tested for fifteen seconds every Wednesday at 9.20am

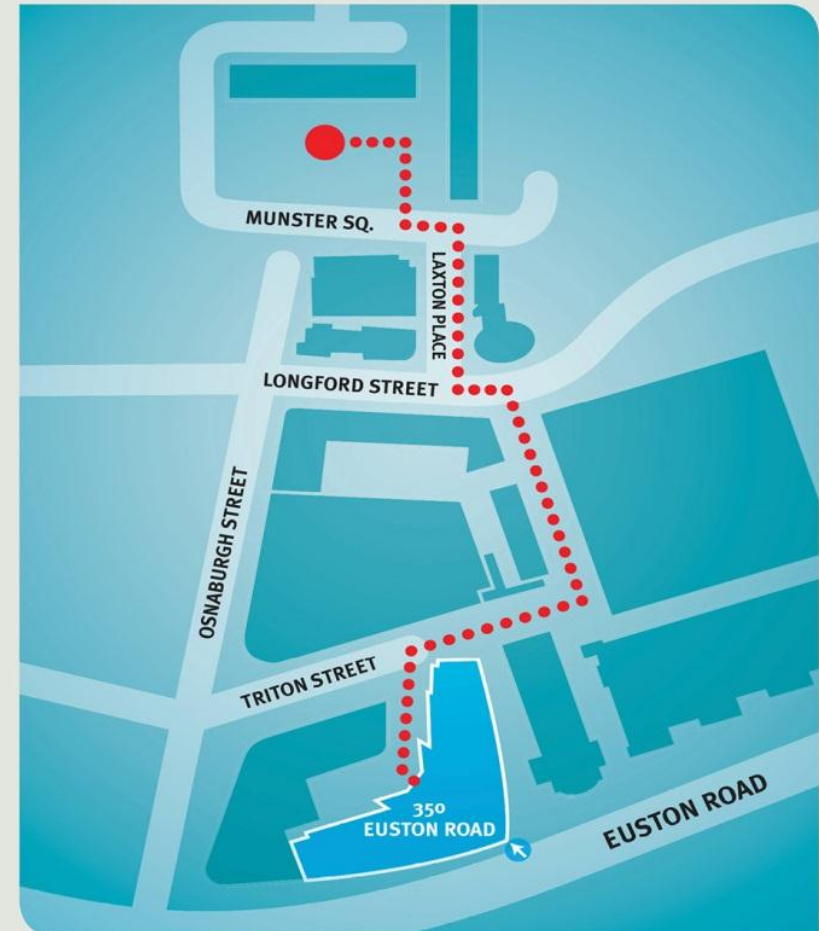
## Evacuating 350 Euston Road

- If you discover a fire, operate one of the fire alarms next to the four emergency exits.
- Please do not tackle a fire yourself.
- If you hear the alarm, please leave the building immediately.
- Evacuate by the nearest signposted fire exit and walk to the assembly point.
- Please remain with a member of ELEXON staff and await further instructions from a Fire Warden.
- For visitors unable to use stairs, a Fire Warden will guide you to a refuge point and let the fire brigade know where you are.

## When evacuating please remember

- Do not use the lifts.
- Do not re-enter the building until the all clear has been given by the Fire Warden or ground floor security.

**Our team on reception is here to help you, if you have any questions, please do ask them.**



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# Introduction

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- Today is intended to give you...
  - The latest news on P272 and P322
  - What you need to do to prepare for the changes introduced by these Modifications
  - An opportunity to ask our experts about the processes
  
- For more information...
  - P272 page of ELEXON's website
  - Contact the P272 team
  - [P272implementation@elxon.co.uk](mailto:P272implementation@elxon.co.uk)
  - Oli Meggitt, Justina Miltienyte, Kat Gay, Anna Millar, Simon Fox-Mella

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# Agenda

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- Supplier Migration Plans
- Change of Measurement Class process
- Metering
- Frequently Asked Questions
- CoMC Exceptions workshop
- Maximum Import Capacity breakout session



# Guide to Supplier Migration Plans

Justina Miltienyte

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# Background

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- As part of Performance Monitoring introduced by P322, Suppliers will be required to submit Supplier Migration Plans (SMPs) to the Performance Assurance Board (PAB).
- The SMPs are designed to provide information on how Suppliers expect to undertake the migration.
- Suppliers will also be required to provide monthly updates on their performance against their original plans.

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# Main principles for SMPs

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- To approve migration plans the PAB is looking to the Supplier to include the following:
  - All its Profile Class (PC) 5-8 Advanced Meters migrated within 45 Working Days (WDs) of a Change of Supplier (CoS) event or a Contract Renewal
  - Migration is completed by the end date of 1 April 2017
  - Evidence of the Supplier agreeing the migration plan with its Half Hourly (HH) Data Aggregator(s) (DA(s)), Data Collector(s) (DC(s)) and Meter Operator Agent(s) (MOA(s))
  - Confirmation that the plan is supported by an internal project with senior management sponsorship
  - The plan sets out the software and hardware changes and testing that are being implemented to support P322, P272 and P300
  - The risks identified to completing the plan and the associated mitigation



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## SMP questionnaire – details to provide

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- One SMP per organisation (taking into account all associated Market Participant IDs (MPIDs))
- Details of the project and contacts for the accountable manager
- Total projected numbers of PC 5-8 with and without Advanced Meters (AMRs)
- Agent preparedness
- Software changes
- Process changes
- Risks identified

# SMP supporting spreadsheet

Month	Renewal Opportunities	Predicted Renewal Losses	Predicted Renewals	Predicted New Gains	Total Opportunity	Additional CoMC activity (e.g. mid-contract CoMC)	Successful CoMC
Nov-15							
Dec-15							
Jan-16							
Feb-16							
Mar-16							
Apr-16							
May-16							
Jun-16							
Jul-16							
Aug-16							
Sep-16							
Oct-16							
Nov-16							
Dec-16							
Jan-17							
Feb-17							
Mar-17							
Apr-17							
Post April 2017							

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# SMP supporting spreadsheet – details to provide

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- Total opportunity for migration – contracts up for renewal, predicted renewals, losses and gains.
  - Total opportunity = renewals + gains
- Additional CoMC activity
- Number of Metering System IDs (MSIDs) completing migration – ‘Successful CoMC’

# Monthly updates

Month	Renewal Opportunities	Renewal Losses	Renewed	New Gains	Total Opportunities	Additional CoMC activity (e.g. mid-contract CoMC)	Successful CoMC	CoMC in progress (within 45 WD)	CoMC in progress (outside 45 WD)
Nov-15									
Dec-15									
Jan-16									
Feb-16									
Mar-16									
Apr-16									
May-16									
Jun-16									
Jul-16									
Aug-16									
Sep-16									
Oct-16									
Nov-16									
Dec-16									
Jan-17									
Feb-17									
Mar-17									
Apr-17									
Post April 2017									

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## Monthly update – details to provide

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- Total opportunity for migration that month – contracts up for renewal, actual renewals, losses and gains.
  - Total opportunity = renewals + gains
- Additional CoMC activity
- Number of MSIDs completing migration – ‘Successful CoMC’
- Number of MSIDs undertaking CoMC that is still in progress within the 45 WD window
- Number of MSIDs undertaking CoMC but it is taking longer than 45 WD
  
- **Only one row needs to be completed each month**



**Any questions?**

[justina.miltienyte@elexon.co.uk](mailto:justina.miltienyte@elexon.co.uk)  
020 7380 4206

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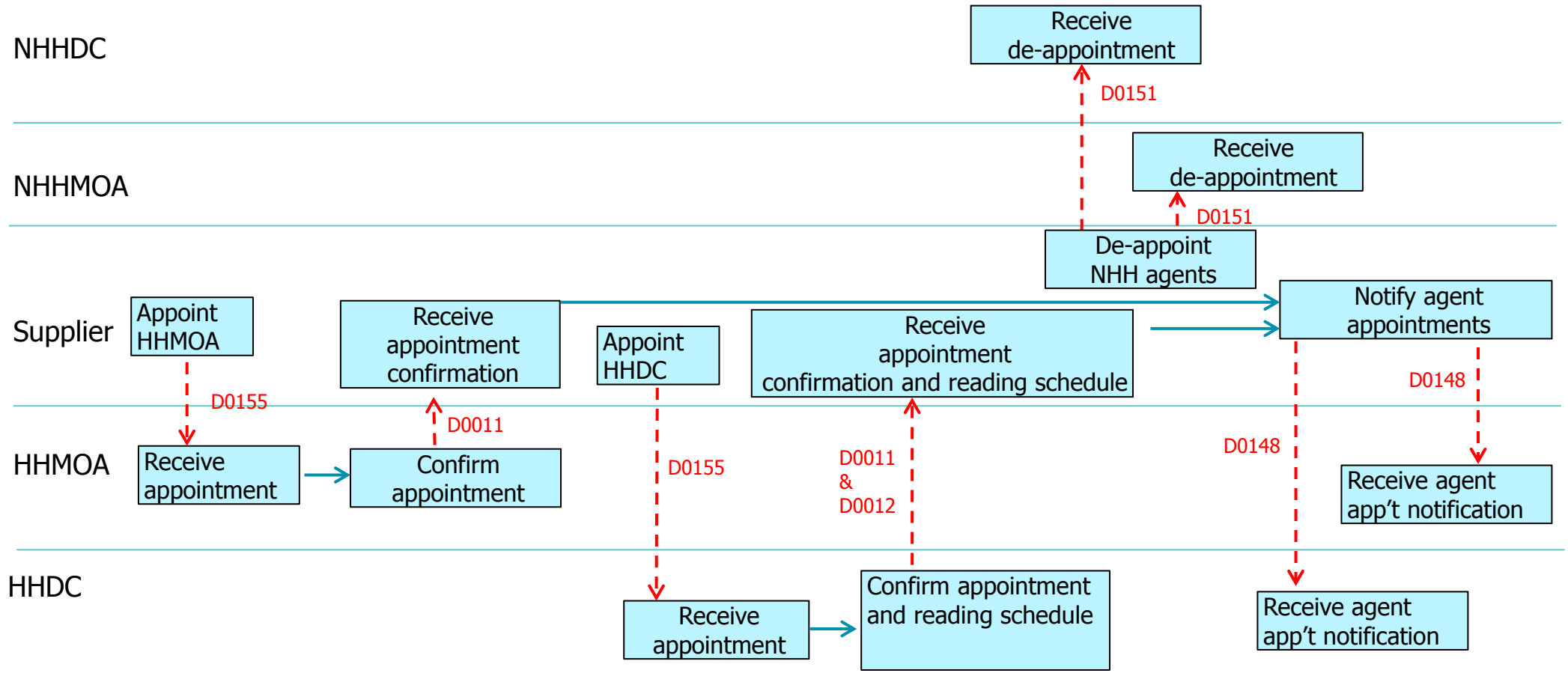


# Change of Measurement Class

Jon Spence

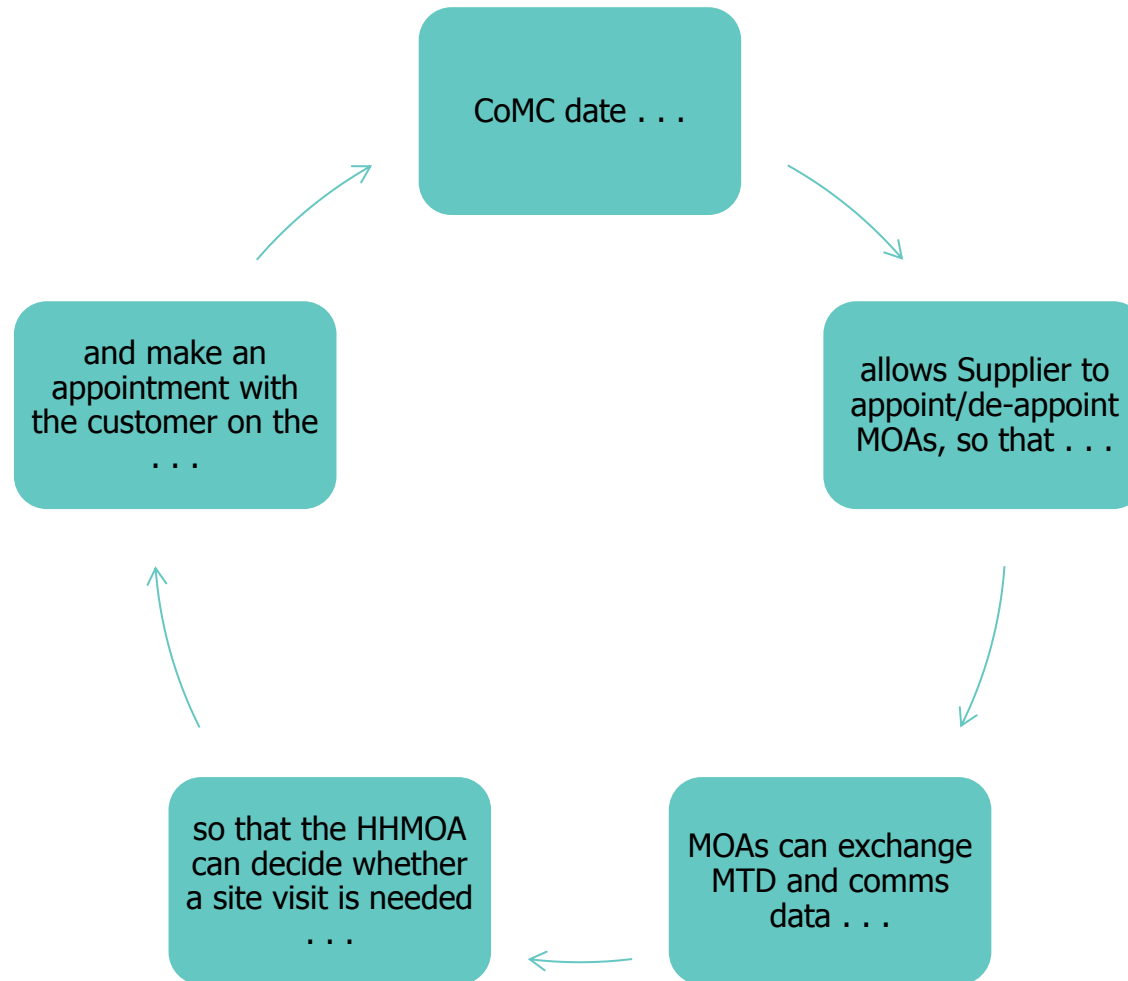
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# Appointment Process





# The Change of Measurement Class date



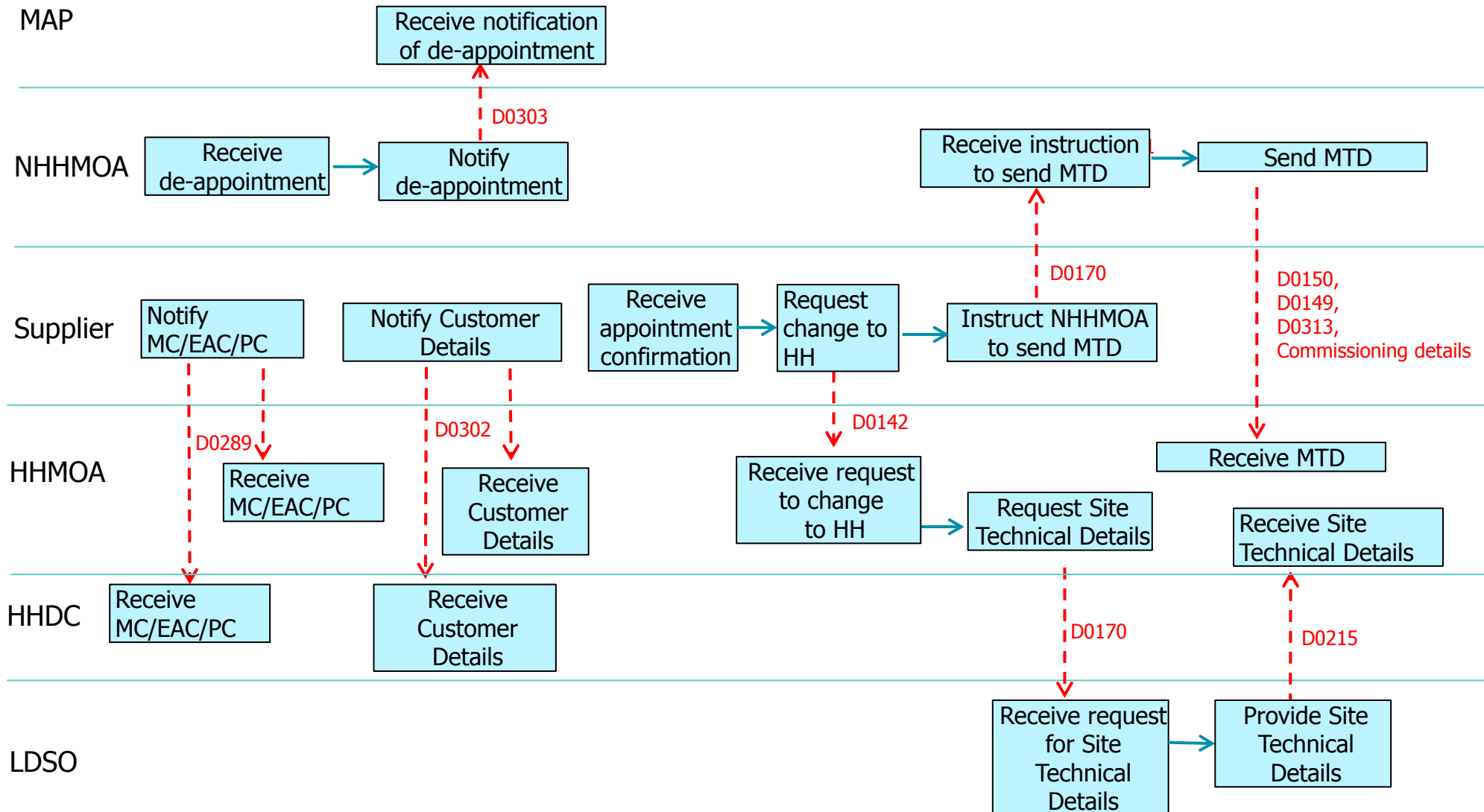
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# Resolving the circularity

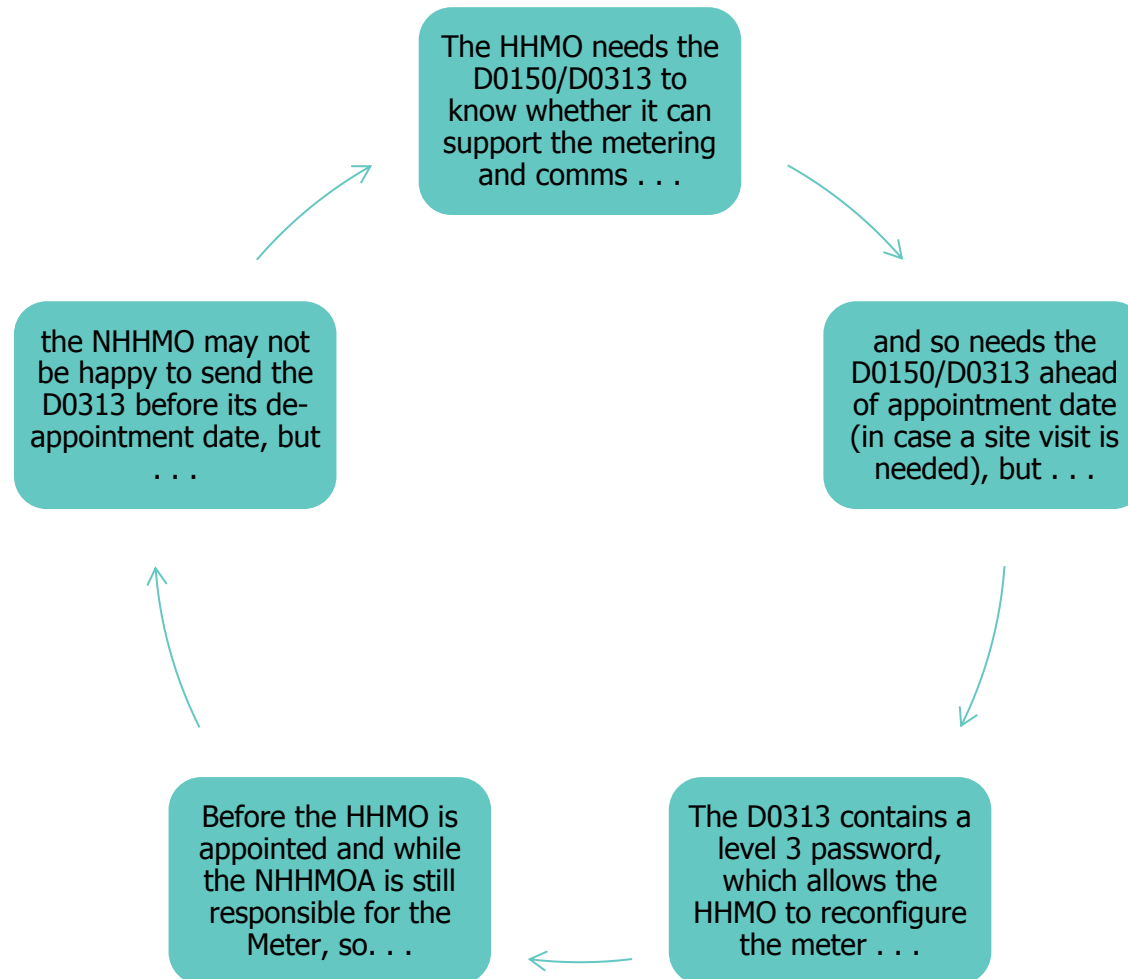
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- METHOD ONE
  - Choose a CoMC date
  - Appoint HH agents for this date and de-appoint NHH agents for previous day
  - Back-out appointments if CoMC date changes and re-appoint/de-appoint
- METHOD 2 (Master Registration Agreement (MRA) Working Practice 66)
  - Appoint the HHMOA (usually with a D0155, especially if HHMOA uses Wheatley system)
  - Notify the NHHMOA, NHHDC and HHDC that the CoMC is going to take place with an approximate date
  - Once CoMC date is firm or has taken place, send formal appointment to the HHDC and formal de-appointments to the NHHMOA and NHHDC. Send revised HHMOA appointment if required.
- CP1409 'Change of Measurement Class process for advanced Meters' (implemented June 2015) allows for either approach to be used.

# Exchange of data



# Transfer of Outstation Level 3 password



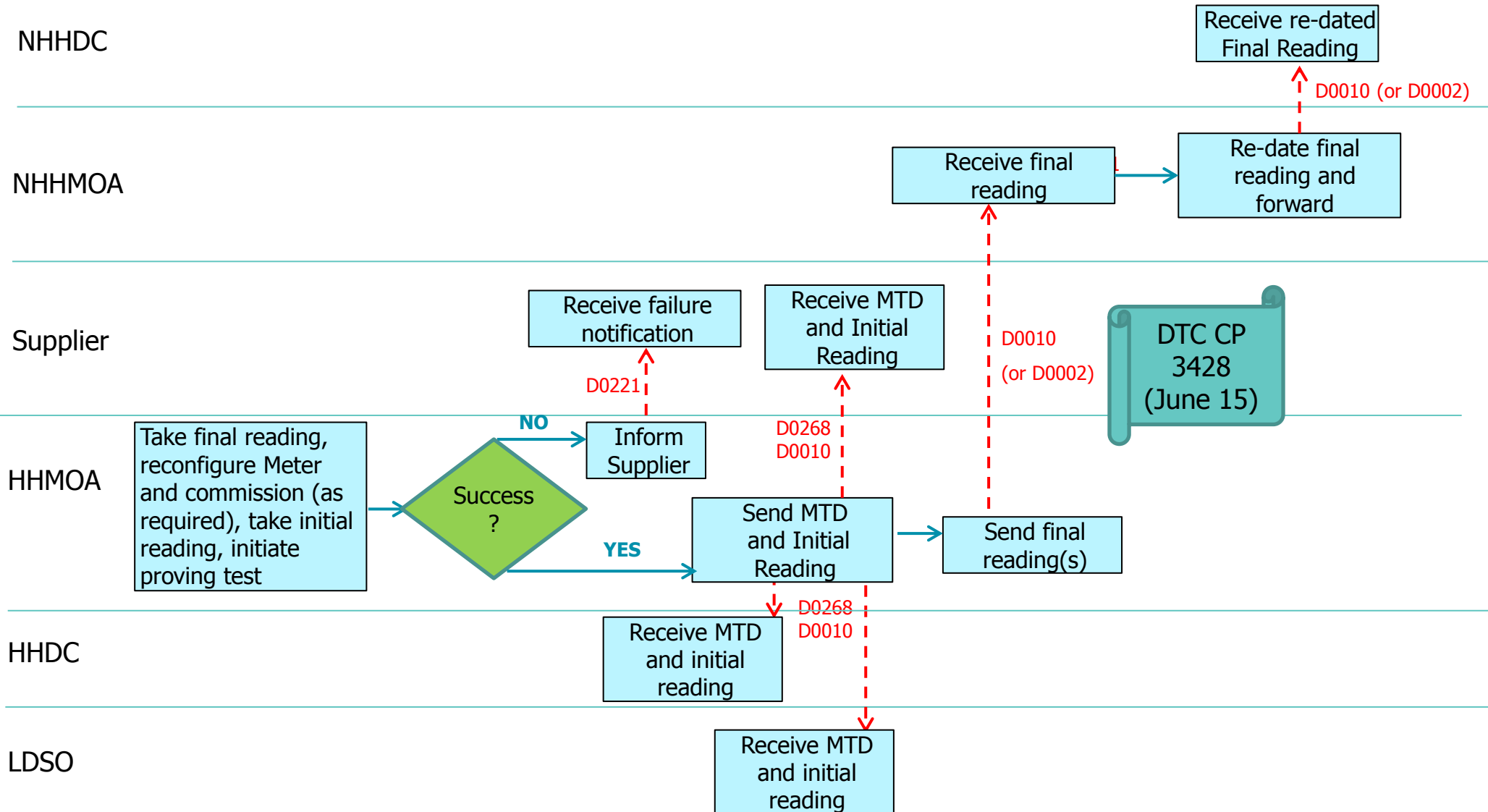
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# Options

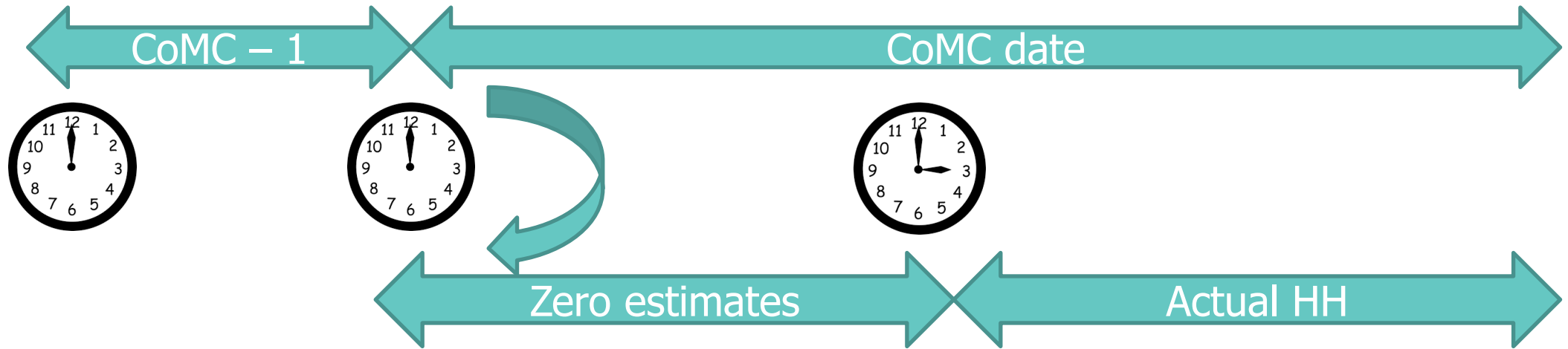
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- CP1410 'Transfer of Outstation Level 3 Passwords for advanced Meters' sought to resolve, but was rejected by the Supplier Volume Allocation Group (SVG)
- SVG considered that the issue could be resolved during P272 transition by Supplier Hub management
- Suppliers need to ensure that:
  - NHHMOAs send the D0313 to the HHMOA on request
  - HHMOAs do not use the Level 3 password to re-configure the Meter until the appointment/CoMC date
- Generally CoMC will work better when the NHHMOA and HHMOA are the same organisation
- If the Supplier needs to appoint different HHMOA (i.e. different company), it is worth considering carrying out a Change of Agent ahead of the CoMC.
- Allows interoperability issues (metering, comms, SIM card contracts) to be resolved outside CoMC.

# The "Big Day"

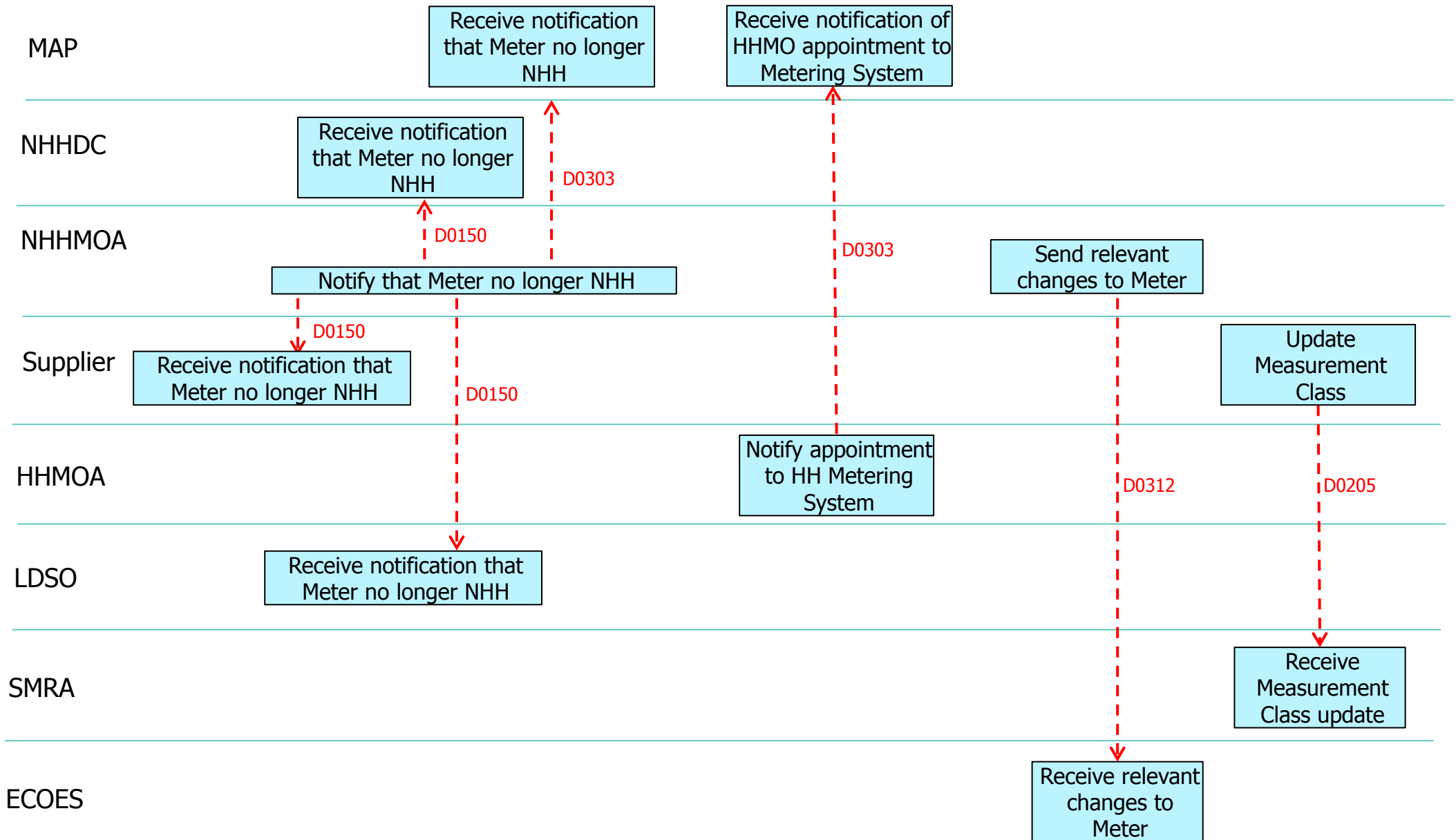


# The Final NHH reading



- Midnight CoMC reading re-dated to CoMC - 1 (NHHDC constraints)
- NHH consumption on CoMC -1 and CoMC is accounted for in the Meter Advance ending at midnight (end of day) on CoMC-2 = midnight (start of day) on CoMC-1
- To avoid double counting between midnight on CoMC date and time of final reading, HHDC should replace HH interval data up to the reading time with zero estimates
- Will have a small negative impact on SP08c performance (for one day only)
- Alternative is to take a final NHH reading at midnight (start of day) on CoMC

# Spreading the news





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# Managing CoMC as a project for P272

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- We recommend addressing CoMC in batches
- Suppliers need to know the rate at which HHMOAs can perform CoMC
- But HHMOAs don't know whether they will be appointed
- So Suppliers need to share their appointment plans
- The rate at which HHMOAs can perform CoMC will depend on the need for site visits, which depends on –
  - Whether the HHMOA/HHDC can support the metering/comms
  - SIM card contract
  - Need for commissioning/local proving
- Sharing schedules of Metering Systems between NHHMOA and HHMOA in advance will help
- Needs good planning and good communications between Suppliers and MOAs and between NHH and HHMOAs

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## Further reading

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- [BSCP514 Section 7.1](#)
- [BSCP502 Section 3.3.1](#)
- [BSCP504 Section 3.3.1](#)
- [BSCP501 Section 3.3](#)
- [Guidance on 'Change of Measurement Class and Change of Profile Class'](#)
- [MRA Working Practice 66](#)



**P300**

'Introduction of new Measurement  
Classes to support Half Hourly  
DCUSA Tariff Changes (DCP179)'

Jon Spence

## P300

- Implementation Date = 5 November 2015

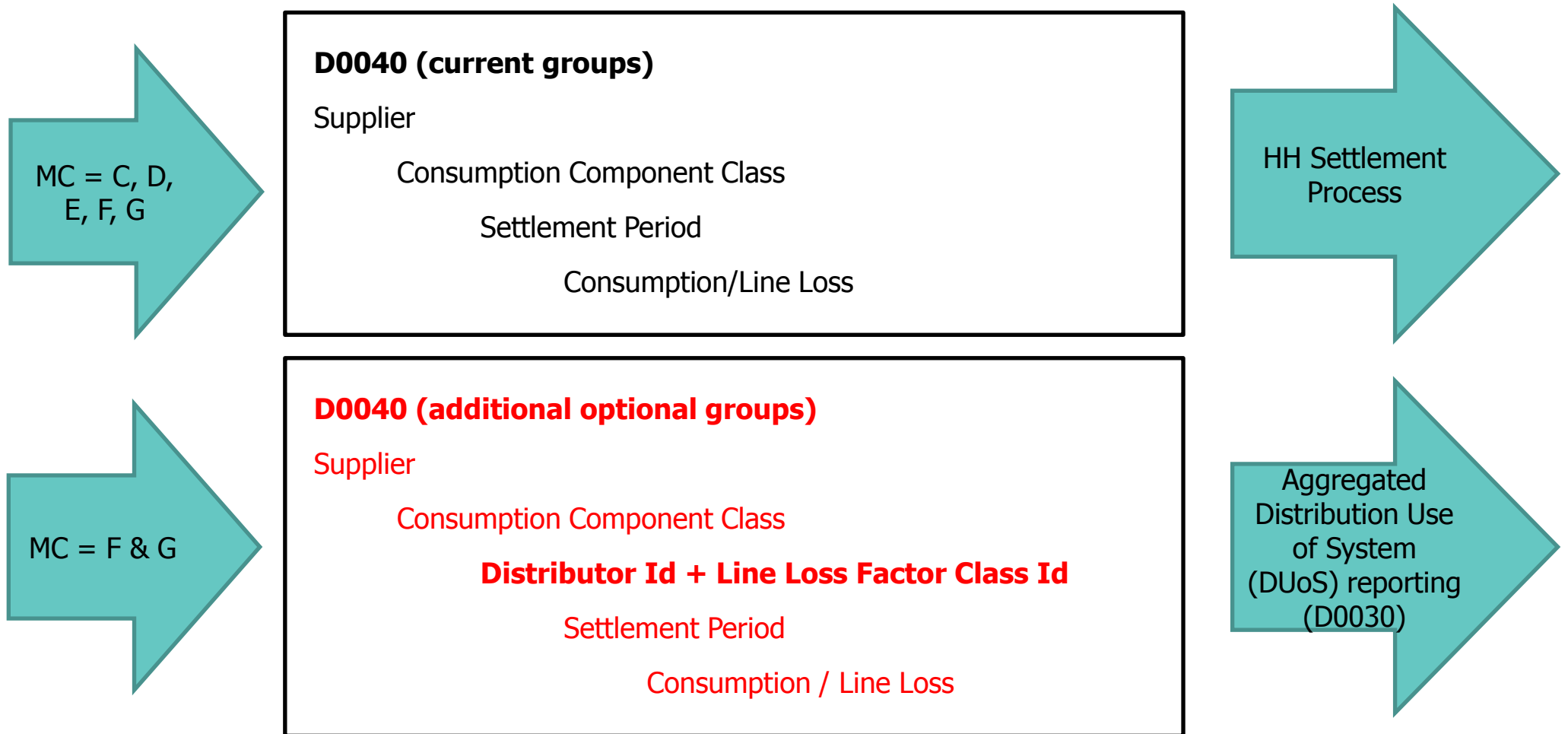
Measurement Class (MC)	Description	Effective Date
E	HH metered sub 100kW CT <del>HH metered not 100kW Premises</del>	29/10/1999
F	HH metered sub 100kW domestic	05/11/2015
G	HH metered sub 100kW nondom wc	05/11/2015

- Test Market Domain Data (MDD) files (D0269/D0270) available on [November 2015 Release page](#)
- CP1432 'HH Default EAC by Measurement Class' (Nov 2015) introduces Measurement Class specific HH Default EAC values
  - used by HHDCs for estimation
  - used by HHDAs as back-stop value

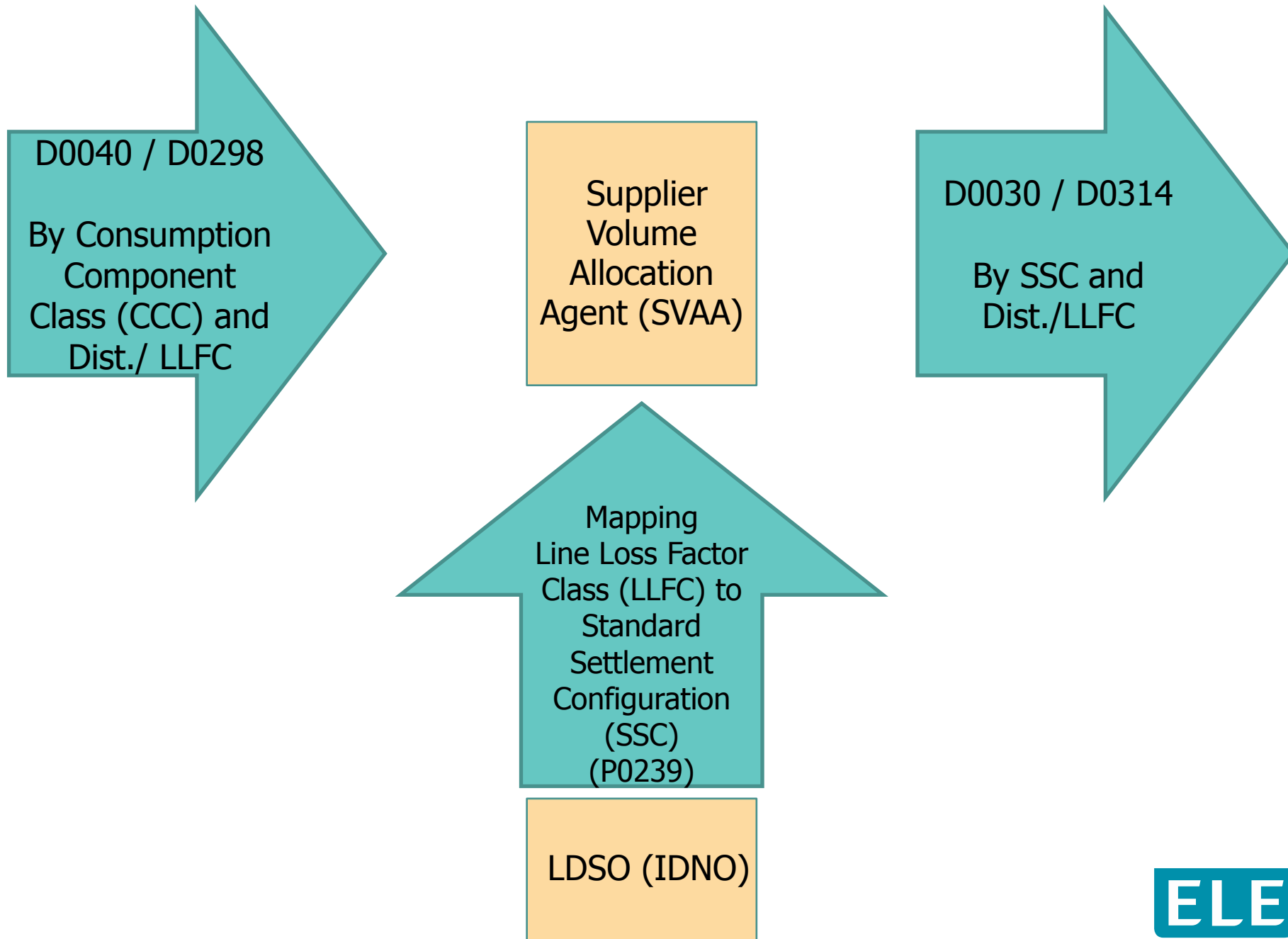
## MDD timetable

Activity	Date
SVG decision on HH Default EAC values for Measurement Classes C, E, F and G	1 Sep 15
Raise MDD Change Requests (CRs) for new Measurement Classes and HH Default EACs (MDD Version 234)	3 Sep 15
SVG decision on MDD changes	29 Sep 15
MDD publish date	7 Oct 15
MDD go-live date	14 Oct 15
MDD effective dates	5 Nov 15

# D0040 Aggregated Half Hour Data File (and D0298)



# P300 – inputs/outputs



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## P300 - Dummy SSCs

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- Dummy SSCs will be of the format –
  - 9scv
  - where 9 differentiates 'dummy' SSCs from 'real' SSCs
  - sc is the Short Code of the host LDSO in the GSP Group
  - v is the version number
  - e.g. 9101 for Eastern GSP Group
- Dummy Time Pattern Regimes (TPRs) will be of the format –
  - [SSC]n where n =
    - 1 for Red period (e.g. 91011)
    - 2 for Amber period (e.g. 91012)
    - 3 for Green period (e.g. 91013)
- Independent Distribution Network Operators (IDNOs) will use the same SSCs as the LDSOs



# P300 – LLFC to SSC (excluding IDNO)

			LV Domestic (MC=F)	LV Non-Dom w/c (MC=G)	SSC	Red TPR	Amber TPR	Green TPR
_A	Eastern	UKPN	1	200	9101	91011	91012	91013
_B	East Midlands	WPD	246	247	9111	91111	91112	91113
_C	London	UKPN	1	200	9121	91211	91212	91213
_D	Merseyside & North Wales	Scottish Power	180	280	9131	91311	91312	91313
_E	Midlands	WPD	632	633	9141	91411	91412	91413
_F	Northern	Northern PowerGrid	249	278	9151	91511	91512	91513
_G	North Western	ENW	821	831	9161	91611	91612	91613
_H	Southern	SSE	456	457	9201	92011	92012	92013
_J	South Eastern	UKPN	1	200	9191	91911	91912	91913
_K	South Wales	WPD	116	117	9211	92111	92112	92113
_L	South Western	WPD	202	203	9221	92211	92212	92213
_M	Yorkshire	Northern PowerGrid	279	299	9231	92311	92312	92313
_N	South Scotland	Scottish Power	180	280	9181	91811	91812	91813
_P	North Scotland	SSE	506	507	9171	91711	91712	91713

Mapping file  
includes  
Clock  
Intervals for  
TPRs

# P300 clock intervals

Time Bands for Half Hourly Metered Properties				
Time periods		Red Time Band	Amber Time Band	Green Time Band
Monday to Friday		16:00 to 19:00	07:30 to 16:00 19:00 to 21:00	00:00 to 07:30 21:00 to 24:00
Weekends				00:00 to 24:00
Notes		All the above times are in UK Clock time		

Settlement Period / TPR	91111 (red)	91112 (amber)	91113 (green)
1 - 15	0	0	from D0040/D0298
16 - 32	0	from D0040/D0298	0
33 - 38	from D0040/D0298	0	0
39 - 42	0	from D0040/D0298	0
43 - 48	0	0	from D0040/D0298

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## Other P300 features/impacts

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- Supplier Meter Registration Service (SMRS) / Meter Point Administration System (MPAS) needs to cater for new Measurement Classes
- HHDCs will send D0010s to LDSOs for Measurement Class F and G customers, rather than D0036 / D0275 flows
- HHDCs will send D0010s to LDSOs on a monthly basis
- HHDCs will send the D0036 to the HHDA and D0036 (or D0275) to Suppliers in the normal way
- Measurement Classes E, F and G will all be subject to Performance Assurance Reporting and Monitoring System (PARMS) Serial SP08c
- Performance Level for Measurement Classes E, F and G will be 99% of energy on actual data at Settlement Runs R1 through RF
- Supplier Charges will apply at RF only (at £2.19 per chargeable MWh)



**Any questions?**

[jon.spence@elexon.co.uk](mailto:jon.spence@elexon.co.uk)  
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# Metering

Keith Campion

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# The issues

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- Commissioning
- Proving Tests
- Protocol Approvals

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# Commissioning

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- No new requirements
- All meters should be commissioned - including NHH Whole Current (W/C)
- Code of Practice (CoP) 4 Section 6.2
- MOA to carry out on site tests which show that:
  - 'The output of the Metering System correctly records the energy in the primary system at the Defined Metering Point.'
  - A possible option: Tong test primary circuit and compare with meter output

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# Proving tests

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- Set out in BSCPs 514 and 502
- MOA to confirm that the data collected by the HHDC is the same as what's on the meter
- 4 methods to choose from:
  1. MOA takes a reading while commissioning: HHDC collects same data
  2. MOA goes back to site (as agreed with the HHDC) to collect HH reading: HHDC collects same HH data
  3. HHDC collects HH data of its choosing : MOA uses its software to collect same data remotely
  4. HHDC collects HH data of its choosing: MOA uses manufacturer software to collect same HH data
- Timescales: CoP dependant
- CoP5 and CoP10 is 15 WDs to complete or an additional 15 WD for a re-test



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# Protocol approvals

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- BSCP601 'Protocol Approval and Compliance Testing'
- For HHDCs to ensure they have protocols in place for all meters that are to be migrated
- Tests on a sample meter to ensure that HHDC's data collection system is constant with meter manufacturers software
- ELEXON to witness tests
- A number are currently underway



**Any questions?**

[keith.campion@elexon.co.uk](mailto:keith.campion@elexon.co.uk)  
020 7380 4011

**ELEXON**



# P272 Frequently Asked Questions

P272 Team

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# Introduction

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- FAQs published on ELEXON's website and updated regularly
- Based on questions received by P272 team, Change Team or Operational Support Managers (OSMs)
- Will continue to be updated throughout P272 Implementation time
- Summary of latest FAQs and key points

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# General

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- Timescales – new timetable created and published to highlight SMP requirements
- What happens after 1 April 2017?
  - Any remaining PC 5-8 AMRs will be considered non compliant
  - Will be reported to the PAB and PAB can use PATs to manage non compliances
- Can I move on a date different to change of contract or CoS?
  - 45 Business Days after change of contract/CoS
  - Move before if wanted (mid-contract, evergreen contracts)
  - Must be completed by **1 April 2017**

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# Qualification

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- All parties not HH qualified have been notified by our Market Entry and Qualification team
  - Some Qualifications/Re-Qualifications now ongoing
- SMPs highlight that Suppliers should confirm with Agents on Qualification status
- No extension to any Qualification timescales expected

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# Settlement

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- Can we move a PC5-8 customer to PC3-4 rather than HH?
  - Standard Supply Licence Condition 12.21
  - New connections (non-domestic) can be in PC3/4 providing no Maximum Demand (MD) recorded
  - New connections (non-domestic) with MD recorded must be HH from 1 April 2017
- Migration from NHH to HH – Will this create a day of Estimated data?
  - Take a midnight reading
  - HHDC may calculate midnight reading, and provide to the MOA
- Inconsistency with removal dates in D0150 as part of CoMC
  - BSCP514 7.1.19 – NHHMOA re-dates final reading to de-appointment date (CoMC minus 1 day)
  - All other cases, CoMC dated with actual CoMC date

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# Data

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- Will Profile Classes 5-8 be end dated?
  - No current date to remove from MDD
  - Profiles now frozen for PC5-8
  - Will plan to remove these profiles in the future
  
- Can any sites remain in PC5-8 after the P272 Implementation Date?
  - Export sites (PC8)
  - Unmetered Supplies (PC8)
  - Existing PC5-8 sites without AMR meters can remain NHH





**Any questions?**

[P272implementation@elexon.co.uk](mailto:P272implementation@elexon.co.uk)

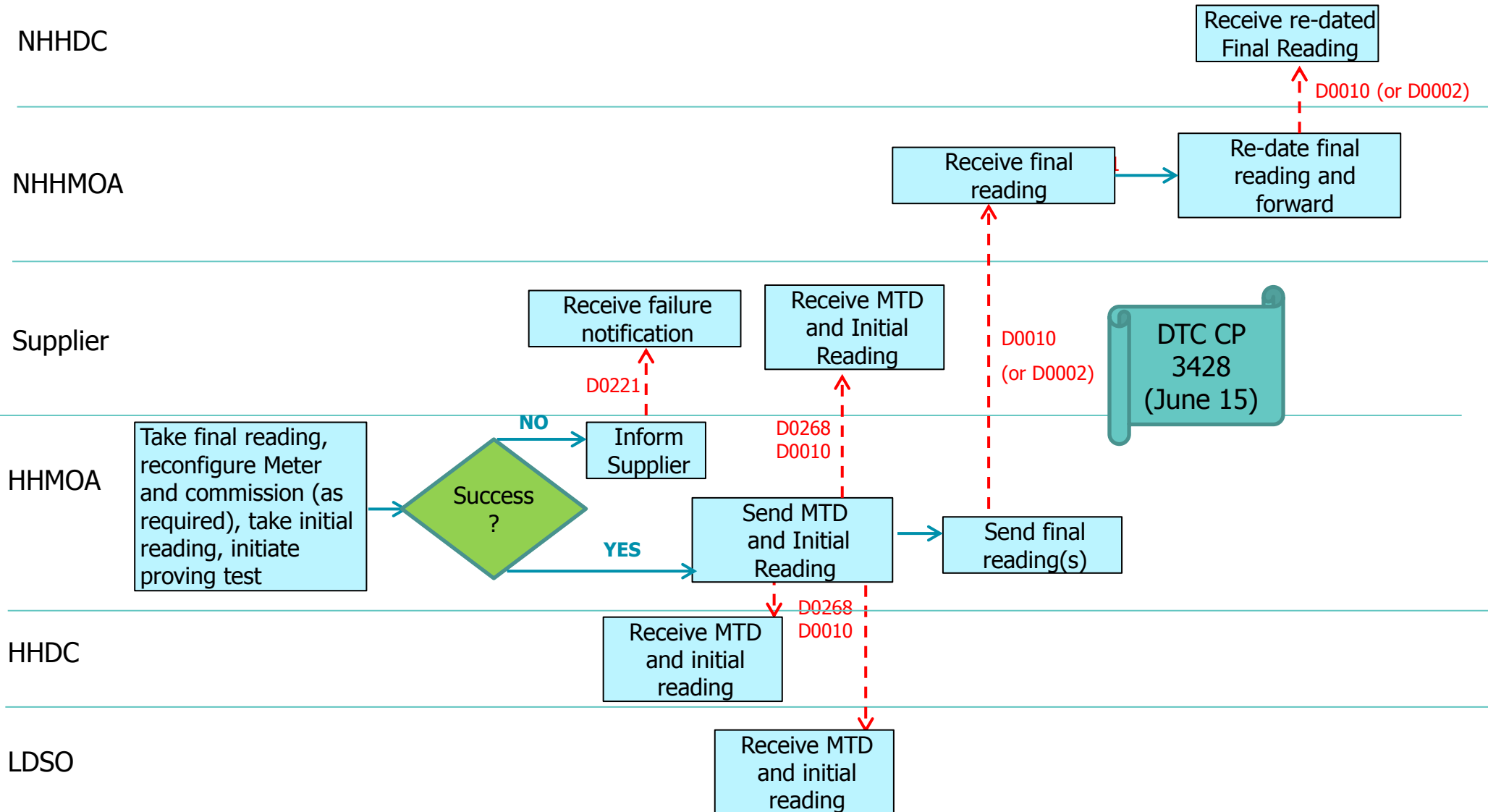
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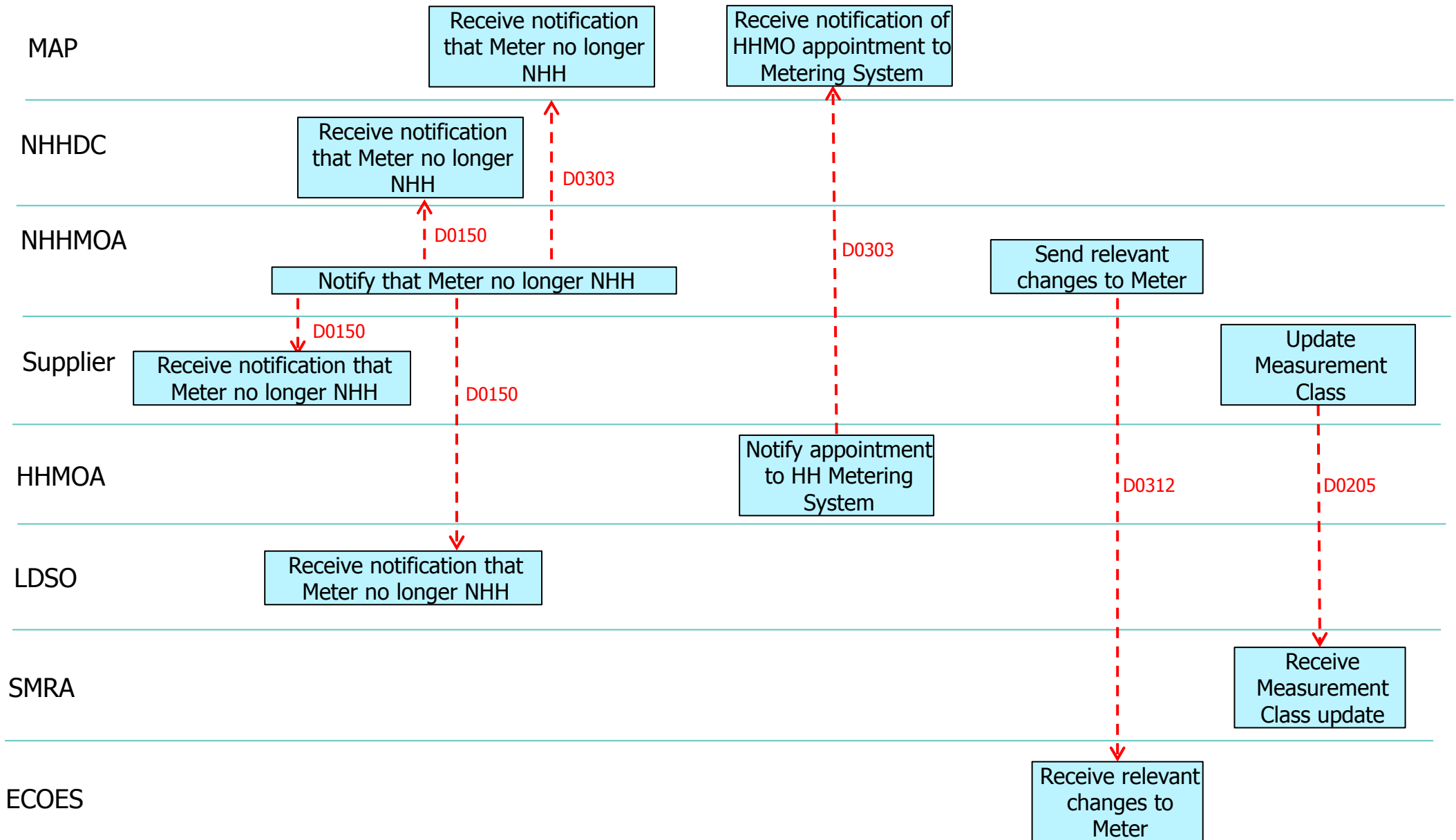
# CoMC exception handling workshop

Matthew McKeon

# The "Big Day"



# Spreading the news



# [BSCP 502] 3.3 Metering Activities

## [BSCP502] 3.3 Metering Activities

### 3.3.1 Change of Measurement Class from Non-Half Hourly to Half Hourly SVA Metering System

REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.3.1.1	Prior to CoMC date change <sup>1</sup> or Within 5 WD of coincident CoS and CoMC change <sup>2</sup> .	Send notification of appointment, including start date and associated Agent details.	Supplier.	HHDC.	D0148 Notification of Change to Other Parties. D0155 Notification of HH Meter Operator or Data Collector Appointment and Terms. D0289 Notification of MC/EAC/PC. D0302 Notification of Customer Details.	Electronic or other method, as agreed.
3.3.1.2	Within 5 WD of change or Within 5 WD of coincident CoS and CoMC change.	Send initial Meter reading(s) with date and time in GMT. Send MTD	HHMOA.	Supplier / HHDC <sup>3</sup> / LDSD. HHDC	D0010 Meter Readings. D0268 Half Hourly Meter Technical Details If site is complex, send Complex Site Supplementary Information Form. Refer to Appendix 4.9 Guide to Complex Sites.	Electronic or other method, as agreed.
3.3.1.3	On agreement of Meter reading schedule with Supplier following 3.3.1.2.	Send Meter reading schedule.	HHDC.	Supplier, LDSD	D0012 Confirmation of the Inclusion of the Metering Point in the Reading Schedules.	Electronic or other method, as agreed.
3.3.1.4	From HHDC appointment start date.	Collect HH Metered Data.	HHDC.		Refer to Section 3.4.1.	Internal Process.
3.3.1.5	In accordance with timescales in Appendix 4.6.	Prove MS.	HHMOA.	HHDC.	Refer to Appendix 4.6.	Electronic or other method, as agreed.

<sup>1</sup> Where there is a CoMC only, the HHDC shall be appointed from the date of the actual CoMC.

<sup>2</sup> Where there is a coincident CoS and CoMC, the HHDC shall be appointed from the Supply Start Date (SSD).

<sup>3</sup> Meter changes do not normally occur at midnight, therefore the HHDC should estimate consumption (in accordance with Appendix 4.2) from midnight of his appointment date until confirmation of the Meter change is received. To prevent "double counting" of consumption, the HHDC shall use a 'zero' advance between midnight on the SSD and the time of the Meter reading provided by the HHMOA.

# [BSCP 504] 3.3 Metering Activities (1)

## [BSCP 504] 3.3 Metering Activities

### 3.3.1. Change of Measurement Class from a Non-Half Hourly to a Half Hourly SVA Metering System

REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.3.1.1	Prior to CoMC date change.	Send notification of termination of appointment.	Supplier <sup>4</sup> .	NHHDC.	D0151 Termination of Appointment or Contract by Supplier. The NHHDC becomes de-appointed on SSD-1.	Electronic or other method, as agreed.
3.3.1.2	By SSD+5.	Send final Meter register reading(s) or notification that Meter register reading not obtainable and notification that this is a coincident CoS.  Notification of Meter removal (or that Meter is no longer NHH)	NHHMOA.	NHHDC.	D0010 Meter Readings or D0002 Fault Resolution Report or Request for Decision on Further Action (use the "Additional Information" field to indicate that this is a coincident change).  D0150 Non-Half Hourly Meter Technical Details.	Electronic or other method, as agreed.
3.3.1.3	By SSD+8.	If Meter register reading(s) obtained, validate Meter register reading(s).	NHHDC.		Appendix 4.2 - Validate Meter Data, Appendix 4.6 – Manual Adjustment of Meter Reading(s).	Internal Process.
3.3.1.4	By SSD+8.	If valid Meter register reading(s), produce and send Valid Data Report.	NHHDC.	Supplier <sup>5</sup> , LDSO.	D0086 Notification of Change of Supplier Readings.  Refer to section 3.3.11 Calculate AA/EAC Values and send to NHHDA and Supplier.	Electronic or other method, as agreed.
3.3.1.5	By SSD+8.	If invalid Meter register reading(s), produce and send Invalid Data Report.	NHHDC.	Supplier, LDSO.	D0010 Meter Readings.	Electronic or other method, as agreed.

<sup>4</sup> In addition, the Supplier will inform its other Agents of their de-appointments (via D0151 Termination of Appointment or Contract by Supplier) and they become de-appointed on SSD-1.

<sup>5</sup> Where the Supplier wishes to query the final Meter register reading(s) he shall contact the NHHDC and the NHHDC shall endeavour to resolve the query.

## [BSCP 504] 3.3 Metering Activities (2)

REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.3.1.6	If concurrent CoS and CoMC and Meter register reading invalid or not received by SSD+8.	Calculate deemed reading(s) and associated EAC/AA(s).	NHHDC.		Appendix 4.5 – Deemed Meter Advance Refer to section 3.3.11 Calculate AA/EAC Values and send to NHHDA and Supplier.	Internal Process.
3.3.1.7	By SSD+8.	Send Deemed Meter Reading(s).	NHHDC.	Supplier, LDSO.	D0086 Notification of Change of Supplier Readings. Refer to section 3.3.11 Calculate AA/EAC and send to NHHDA and Supplier.	Electronic or other method, as agreed.
3.3.1.8	If CoMC only, and no Meter register reading received by 15 WD after the CoMC and if required.	Request final Meter register reading	NHHDC	MOA, Supplier		Post / Fax / Email
3.3.1.9	Within 10 WD of 3.3.1.8	Send final Meter register reading	MOA / Supplier	NHHDC	D0010 Meter Readings	Electronic or other method, as agreed
3.3.1.10	If required and no valid Meter register reading received within 10 WD of 3.3.1.9	Deem final Meter register reading and calculate associated EAC / AA(s)	NHHDC		Appendix 4.5 – Deemed Meter Advance Refer to section 3.3.11 Calculate AA/EAC Values and send to NHHDA and Supplier.	Internal Process
3.3.1.11	Following 3.3.1.10	Send Deemed final Meter Reading	NHHDC	Supplier, LDSO	D0010 Meter Readings	Electronic or other method as agreed

# [BSCP 514] 7. Interface and Timetable Information (1)

## [BSCP 514] 7 Interface and Timetable Information - Change of Measurement Class<sup>6</sup>

### 7.1 Change of Measurement Class from NHH to HH Metering System<sup>7 8</sup>

The Supplier should make all agents aware of the planned Change of Measurement Class (CoMC) in advance of any formal appointment and de-appointment processes. This is to ensure that the appointment and de-appointment dates align with the date of the site visit, where such a visit is required.

REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
7.1.1	As required	Send appointment.  The Supplier will appoint the HHMOA with effect from the planned date of the CoMC. The Supplier will use a formal appointment flow (D0155) or notify the HHMOA by other means. The Supplier will send a further appointment flow after the CoMC with the actual appointment date, where different or where a formal D0155 was not previously sent.	Supplier	HHMOA	D0155 Notification of HH Meter Operator or Data Collector Appointment and Terms.	Electronic or other method, as agreed.
7.1.2	If appointment rejected and within 5 WD of 7.1.1	Send notification of rejection of appointment including the reason why the request has been rejected.  Where a formal appointment flow (D0155) has not been used in 7.1.1, the HHMOA will notify the Rejection of Agent Appointment by means other than a D0261.	HHMOA	Supplier	D0261 Rejection of Agent Appointment.  (Go to 7.1.1 if required)	Electronic or other method, as agreed.

<sup>6</sup> Pending the development of change of Measurement Class processes for smart Meters, the existing processes should be read in conjunction with the smart Meter replacement process.

<sup>7</sup> Should any participant experience any problems whilst carrying out the CoMC process, these should be reported to the Supplier and the Supplier should resolve as appropriate.

<sup>8</sup> Note that the Change of Meter shall not occur until on or after the SSD.



# [BSCP 514] 7. Interface and Timetable Information (2)

REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
7.1.3	If appointment accepted and within 5 WD of 7.1.1	Send notification of acceptance of appointment. Where a formal appointment flow (D0155) has not been used in 7.1.1, the HHMOA will notify the Agreement of Contractual Terms by means other than a D0011.	HHMOA	Supplier	D0011 Agreement of Contractual Terms.	Electronic or other method, as agreed.
7.1.4	Within 5 WD of 7.1.3	Send notification of termination of appointment.  To avoid having to send a second notification if the CoMC doesn't take place on the planned date, the Supplier may delay a formal notification until the CoMC date is firm or the CoMC has taken place.	Supplier	NHHMOA	D0151 Termination of Appointment or Contract by Supplier. <sup>9</sup>	Electronic or other method, as agreed.
7.1.5	If de-appointment accepted and within 5 WD of 7.1.4	Send notification of de-appointment.	NHHMOA	MAP	D0303 Notification of Meter Operator, Supplier and Metering Assets installed/removed by the MOP to the MAP.	Electronic or other method, as agreed.
7.1.6	Within 5 WD of 7.1.4	Send notification of rejection of de-appointment.	NHHMOA	Supplier	Note that rejection of de-appointment shall only occur if the NHHMOA has a contract with the customer.	Electronic or other method, as agreed.
7.1.7	Between 5 WDError! Bookmark not defined. and 10 WD of 7.1.4	Send notification of appointment, de-appointment and associated Agent details.	Supplier	HHDC / HHMOA	D0148 Notification of Change to Other Parties.  D0289 Notification of MC/EAC/PC.  D0302 Notification of Customer Details.	Electronic or other method, as agreed.

<sup>9</sup> The Supplier shall indicate in the D0151 via the 'Termination Reason' field that this is a CoMC.

## [BSCP 514] 7. Interface and Timetable Information (3)

REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
7.1.8	Following 7.1.3 and at least 12 WD <sup>12</sup> prior to date of CoMC	Request HH MS functionality. <sup>10</sup>	Supplier	HHMOA <sup>13</sup>	D0142 Request for Installation or Changes to a Metering System Functionality or the Removal of all Meters.	Electronic or other method, as agreed.
7.1.9	Within 2 WD of 7.1.8	Request Site Technical Details.	HHMOA	LDSO	D0170 Request for Metering System Related Details.	Electronic or other method, as agreed
7.1.10	Within 5 WD of 7.1.9	Send Site Technical Details.	LDSO <sup>14</sup>	HHMOA	D0215 Provision of Site Technical Details.	Electronic or other method, as agreed.
7.1.11	Once the CoMC date is firm	Send notification of termination of appointment (if not formally de-appointed in 7.1.4 or date of planned CoMC has changed)	Supplier	NHHMOA	D0151 Termination of Appointment or Contract by Supplier	Electronic or other method, as agreed
7.1.12	Within 2 WD of 7.1.8	Instruct NHHMOA to send MTD to HHMOA.	Supplier	NHHMOA	D0170 Request for Metering System Related Details.	Electronic or other method, as agreed.
7.1.13	Within 10 WD of 7.1.12	Send MTD, including the commissioning details.	NHHMOA <sup>30</sup>	HHMOA	D0149 Notification of Mapping Details. D0150 Non-Half Hourly Meter Technical Details. D0313 Auxiliary Meter Technical Details (in accordance with Appendix 9.3) Commissioning details.	Electronic or other method, as agreed.

<sup>10</sup> The HHMOA shall decide whether to replace the MS or upgrade the NHH MS to a HH MS (where current MS has both HH and NHH capabilities).

# [BSCP 514] 7. Interface and Timetable Information (4)

REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
7.1.14	On the date requested or agreed in 7.1.8, subject to the completion of steps 7.1.9-7.1.13	Note final NHH Meter register reading, if available from NHH MS.  Install HH MS <sup>11</sup> or invoke HH capabilities in existing NHH MS (where current MS has both HH and NHH capabilities). Commission and energise HH MS, if not already commissioned and energised.  Note initial HH Meter register reading.	HHMOA			Internal Process.
7.1.15	If HH MS cannot be installed or energised, as soon as possible and within 5 WD of 7.1.14	Inform Supplier.	HHMOA	Supplier	D0221 Notification of Failure to Install or Energise Metering System.	Electronic or other method, as agreed.
7.1.16	Within 5 WD of 7.1.14	Send MTD and initial HH Meter register reading. The initial register reading should include the time as well as the date of the reading. This will allow the HHDC to estimate zero for Settlement Periods prior to the meter replacement/re-configuration.	HHMOA	Supplier / HHDC / LDSO	D0268 Half Hourly Meter Technical Details.  If site is Complex, send Complex Site Supplementary Information Form. Refer to Appendix 8.4 Guide to Complex Sites.  D0010 Meter Readings.	Electronic or other method, as agreed.
7.1.17	In accordance with timescales in Appendix 8.3.5.	Prove MS.	HHMOA	HHDC	Refer to Appendix 8.3.5.	Electronic or other method, as agreed.
7.1.18	Within 5 WD of 7.1.14	Send final NHH Meter register reading or notification that Meter reading not obtainable and that this is a CoMC.	HHMOA	NHHMOA	D0010 Meter Readings or D0002 Fault Resolution Report or Request for Decision on Further Action.	Electronic or other method, as agreed.

<sup>11</sup> The Supplier shall provide the HHMOA with the relevant details of the NHH meter where the NHH meter is to be removed by the HHMOA. Where the NHH meter is being removed by the HHMOA, the HHMOA shall agree an appropriate method for the return of the meter with the NHHMOA.

# [BSCP 514] 7. Interface and Timetable Information (5)

REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
7.1.19	Following 7.1.18	Re-date Meter register reading to ETSD {MOA}, set time of reading to midnight and map onto Meter registers.	NHHMOA			Internal Process.
7.1.20	Within 10 WD of 7.1.18	Send final NHH Meter register reading <sup>12</sup> or notification that Meter register reading not obtainable and that this is a CoMC.  Notification of Meter removal (or that Meter is no longer NHH)  Notification of Meter removal (or that Meter is no longer NHH)	NHHMOA	NHHDC  Supplier / NHHDC /LDSO  MAP of Meter	D0010 Meter Readings or D0002 Fault Resolution Report or Request for Decision on Further Action.  D0150 Non-Half Hourly Meter Technical Details.  D0303 Notification of Meter Operator, Supplier and Metering Assets installed/removed by the MOP to the MAP.	Electronic or other method, as agreed.
7.1.21	Within 10 WD of 7.1.18	Send the relevant Meter information changes.	NHHMOA	ECOES	D0312 Notification of Meter Information to ECOES.	Electronic or other method as agreed.
7.1.22	If no Meter register reading received by 15 WD after the CoMC and if required.	Request final Meter register reading	NHHDC	NHHMOA, Supplier		Post / Fax / Email
7.1.23	Within 10 WD of 7.1.22	Send final Meter register reading	NHHMOA / Supplier	NHHDC	D0010 Meter Readings	Electronic or other method, as agreed

<sup>12</sup> The outgoing MOA shall be entitled to use customer own reads or readings provided by the outgoing Non Half Hourly Data Collector for the final Meter readings.



**Any questions?**

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# Maximum Import Capacity breakout

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