

Public

Design Working Group

Meeting 13

13 November 2018
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

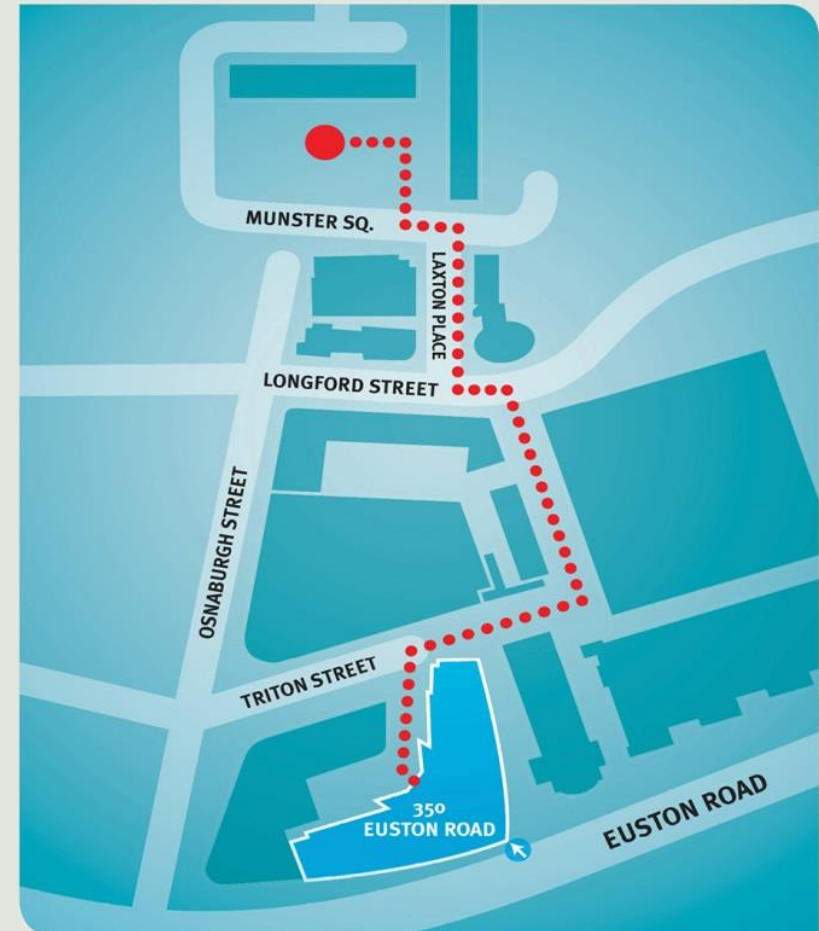
Evacuating 350 Euston Road

- 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.



Agenda

Agenda item	Paper no.	Lead
1. Introduction, apologies and meeting objectives	Verbal	Kathryn Coffin
2. Ofgem policy steers	Verbal	Anna Stacey
3. Confirmation of preferred TOM following policy steers	Slides to be presented at meeting	Matt McKeon
4. TOM service requirements and summary guides	DWG13/01	Kevin Spencer
5. Time of Use Scaling Weights	DWG12/01	Kevin Spencer
6. Using the Registration Service as the definitive record of Service 'appointments'	Slides to be presented at meeting	Matt McKeon
7. High-level transitional options	Slides to be presented at meeting	Kevin Spencer
8. DWG12 Headline Report, actions log and Gantt chart	Draft Headline Report Actions log Gantt chart	Kathryn Coffin
9. Summary, actions and next steps	Verbal	Kathryn Coffin

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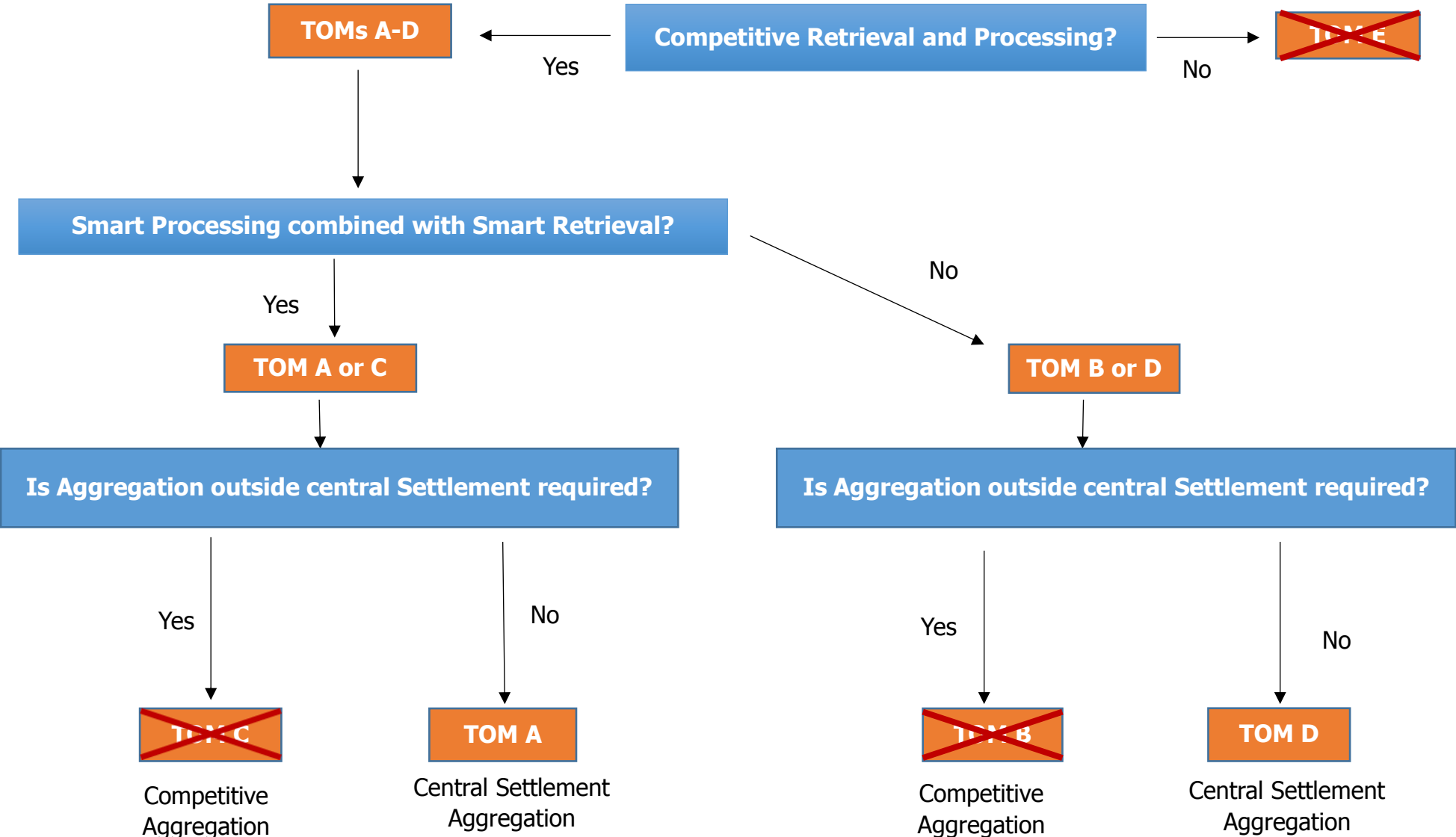
Confirmation of preferred TOM

following Ofgem policy steers

13 November 2018
Matt McKeon

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Recap of Decision Tree Approach

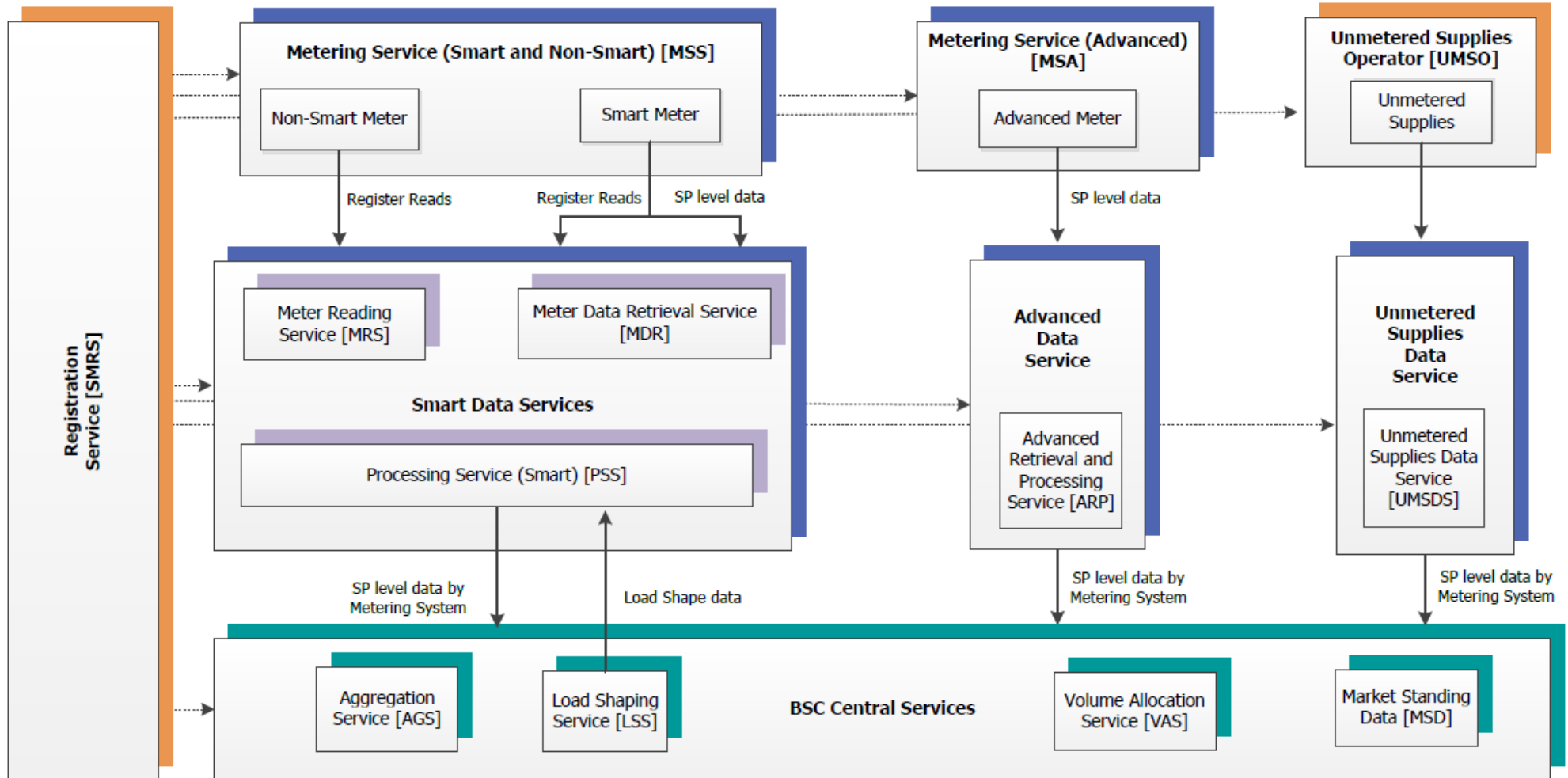


Updated TOM diagram following DWG12 discussion

At DWG12 it was suggested that the final TOM diagram be amended to:

- Add Service abbreviations to allow them to be mapped to the requirements;
- Move Aggregation Service (AGS) into Central Settlement to align with policy steer;
- Embed the Load Shaping Service (LSS) into BSC Central Services;
- Add UMSO (UMSO) to the Unmetered Supplies market segment;
- Add the type of data flowing into Central Settlement in each segment;
- Show the Registration Service links to the other Services (?); and
- Reflect the discussion about Smart Retrieval and Processing, where:
 - The three services (MRS, MDR and PSS) can be separately provided
 - A single service will be responsible for the Smart segment as a whole
 - This should remove any material difference between TOM A and TOM D.

TOM A – Final presentation for discussion



TOM A

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Registration Service

Improvements to the “appointment”
process for other Services

13 November 2018
Matt McKeon

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High level process for notifying the responsible Service

An indicative high level process for a Metering System using this method could be:

- Supplier/BRP identifies accredited Service providers and agrees contractual terms;
- Once agreed, Supplier/BRP notifies the Registration Service (SMRS) of the relevant Data/Metering Service (one of each) and their effective from Settlement Date;
- Registration Service (SMRS) notifies the identified Services of their appointment to the Metering System and the effective from Settlement Date;
- Services obtain all other Settlement information from the Registration Service;
- Services assume responsibility for the Metering System from the agreed date;
- BSC Central Services will use the Data Service named in the Registration Service to notify of any data submission errors or exceptions produced during Aggregation;
- De-appointment will follow the same process once a new Service is in place.

Potential issues raised at DWG11 for discussion

With more certainty on the final preferred TOM, is there a high level view on:

- How an appointed Service might communicate a rejection to an “appointment” and how the Registration Service would be updated to reflect this;
- The circumstances in which the appointed Data or Metering Service could change;
- How non-settlement information such as contractual terms would be communicated by the Supplier/BRP and how the appointed service would indicate acceptance;
- How Services would be notified of changes to Registration data that affect them;
- How the Data and Metering Services interact with each other using the information held by the Registration Service;
- Whether to identify customer contracted Services where the Supplier/BRP may not have the freedom to select their own preferred Service provider;
- How to manage Registration rules such as for related Import/Export MSIDs.

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TOM Transition

Initial high-level content for
January 2019 TOM report

13 November 2018
Kevin Spencer

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Background

- The DWG will develop its transition approach in early 2019 with a consultation in June/July (i.e. after the Ofgem SRO has signed-off the DWG's preferred TOM)
- What high-level transition content can/should we include in the January 2019 report to Ofgem on the DWG's preferred TOM?
- These slides set out ELEXON's suggestions for the DWG's agreement:
 - We propose the January report focuses on **what** needs to happen during transition
 - The **how** and **when** would then be discussed and developed in 2019
- Following today's discussion, we will then develop the report content for further discussion and agreement at the January DWG meeting

ELEXON's proposed transition content for Jan-19 report

- High-level transition principles
- What needs to change in order to get from 'current state' to the TOM:
 - What's new and what existing things need to be changed
 - High-level milestones
- Complexity / 'level of change' rating (H, M, L) for each milestone
- Dependency rating (H, M, L) for each milestone, with details of dependencies with other milestones/initiatives
- Which Industry Code(s) are impacted by each milestone
- Who will be accountable for the delivery of each milestone (e.g. Code Manager, Parties), including procurement of new services
- DWG's view on pre-requisites for starting transition
- DWG's plan for developing the detailed transition approach in 2019

Transition principles

- Ofgem's Outline Business Plan sets out some project objectives for implementation which rule out a big bang approach.

Implementation (WHEN?)	1. Commencement	Slower commencement		Faster commencement
	2. Phasing	Slow phase	Fast phase	Big bang
	3. Period for systems changes	18 months	12 months	6 months

- What other principles should we apply when developing our transition approach during 2019?
- E.g:
 - Learn lessons from other initiatives (P272, NEXUS) as set out in Ofgem's OBC
 - Minimise risk of destabilising existing HH market (already agreed by DWG)

Pre-requisites for transition

- What are the pre-requisites for starting transition? E.g:
 - Implementation of Faster Switching arrangements?
 - Proportion of smart Meters rolled out?
 - Clarity on Targeted Charging Review requirements?
 - Adoption of SMETS1 Meters by the DCC?

- Other?

Transition milestones

- What are the key high-level transition milestones? E.g:
 - Quick wins?
 - Code changes (BSC, SEC, MRA....)
 - New TOM Services and Systems
 - Changes to existing Services and Systems
 - Qualification/Requalification of new Services and Systems
 - Changes to Registration Data and Systems and Interfaces
 - Changes to Market Standing Data and Services Interfaces
 - Transition of Metering Systems to new TOM Services
 - Parallel running?
 - Load Shaping (Run-in?)
 - Phasing for different Market Segments
 - Moving to reduced Settlement timetable
 - Run-off of NHH arrangements

When is the TOM 'implemented'?

- The first calendar day that all new TOM services, systems and processes are in place, even if we've not fully transitioned to their use? (technical implementation)
- The first Settlement Day that all Meters are settled HH, even if this is still using a combination of old and new (i.e. transitional) arrangements?
- The first Settlement Day that all Meters are settled HH using the full TOM?
- Assume that any run-off arrangements for past Settlement Days don't need to conclude for the TOM to be 'implemented'

Plan for developing transition approach during 2019

- Use existing workgroups? Or same workgroup members but with different groupings?
- Divide by services, milestones/workstreams, market segments or other?
- 'Bottom up' approach?
 - Workgroups develop individual plans in certain areas and DWG knits together the E2E plan
- 'Top down' approach?
 - DWG develops high-level E2E plan and hands to workgroups to flesh out detail

For discussion

- Transition principles
- Pre-requisites for transition
- Transition milestones
- Implementation end-point
- Plan for developing the transition approach in 2019

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Further analysis

Volume change between Settlement Runs

13 November 2018
Matt McKeon

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Volume change between Settlement Runs

SD 01/04/2017

MC C

	A	E	Total	Δv prev.	Δv SF
SF	284,580	5,121	289,701		
R1	285,513	3,263	288,776	-0.32%	-0.32%
R2	286,104	2,486	288,590	-0.06%	-0.38%
R3	286,226	2,310	288,537	-0.02%	-0.40%
RF	286,309	2,606	288,916	0.13%	-0.27%

MC E

	A	E	Total	Δv prev.	Δv SF
	18,560	2,012	20,572		
	18,726	1,543	20,269	-1.47%	-1.47%
	19,004	1,220	20,224	-0.22%	-1.69%
	19,193	1,086	20,279	0.27%	-1.42%
	19,303	1,075	20,378	0.49%	-0.94%

MC G

	A	E	Total	Δv prev.	Δv SF
	7,536	1,096	8,633		
	8,053	901	8,954	3.72%	3.72%
	8,275	802	9,077	1.37%	5.14%
	8,258	681	8,939	-1.52%	3.54%
	8,249	584	8,833	-1.19%	2.32%

SD 18/06/2017

MC C

	A	E	Total	Δv prev.	Δv SF
SF	283,310	3,894	287,204		
R1	284,780	2,440	287,220	0.01%	0.01%
R2	285,036	2,173	287,208	0.00%	0.00%
R3	284,886	2,205	287,091	-0.04%	-0.04%
RF	285,049	2,296	287,345	0.09%	0.05%

MC E

	A	E	Total	Δv prev.	Δv SF
	18,263	1,385	19,647		
	18,605	1,082	19,686	0.20%	0.20%
	18,865	908	19,772	0.44%	0.63%
	19,050	803	19,853	0.41%	1.05%
	19,112	780	19,892	0.20%	1.25%

MC G

	A	E	Total	Δv prev.	Δv SF
	7,857	913	8,771		
	8,024	744	8,768	-0.03%	-0.03%
	8,128	600	8,729	-0.45%	-0.48%
	8,172	478	8,651	-0.90%	-1.37%
	8,165	453	8,617	-0.38%	-1.75%

