

Operations and Release Working Group

20 October 2020

Ricardo Wissmann-Alves – Head of IT Operations

Agenda

Item	Description	Who	Time
1.	Welcome and introduction	RWA	10:00–10:15
2.	MOSL updates <ul style="list-style-type: none">• CMOS Maintenance schedule• Release Schedule 2020• Release 9.0• Release Schedule 2021• Release 10.0• Settlement• G readings• Non Code Changes	RWA	10:15-10:45
3.	MVI Improvements discussion	RWA/All	10:45–11:00
4.	Forthcoming changes update	AR	11:00–11:15
5.	Bilaterals Programme update	MR/SM	11:15–11:30
6.	Data Issues <ul style="list-style-type: none">• CMOS / Remedy users• Proforma & SharePoint• MOSL Partner account password• Meter Reading Analysis	All RWA AC AC HA	11:30–11:45
7.	AOB and wrap up	All	11:45

Welcome and Introduction

- ◆ Participants
- ◆ Dynamics of web conference
- ◆ Hannah Allardice (IT Functional Consultant) will take the minutes
- ◆ Alex Crosbie (Digital Support Analyst) will state your name, please tell us your company name
- ◆ Feel free to switch your camera on

MOSL updates

Maintenance Schedule 2020

PRE PROD = MPS/MPS2

Outage time between 10:00 am and 04:00 pm for PRE PROD environments

Outage time between 11:00 pm and 6:00 am for PROD environment

Published on MOSL website

[CMOS > CMOS Releases](#)

Oracle Database compression = Outage time between 6 pm on the first day (Friday) until 12 pm on the third day (Sunday)

September		
Friday 04/09/2020	Saturday 05/09/2020	Sunday 06/09/2020
PROD	PROD	PROD
Friday 11/09/2020	Saturday 12/09/2020	Sunday 13/09/2020
MPS2	MPS2	MPS2
Friday 18/09/2020	Friday 25/09/2020	Tuesday 29/09/2020
MPS2	PROD	MPS

Oracle Database compression

Oracle Database compression

Outage time for MPS2/MPS = between 10am and 3pm
Outage time for PROD = between 6pm and 11pm

October/November		
Friday 02/10/2020	Saturday 03/10/2020	Sunday 04/10/2020
MPS	MPS	MPS
Monday 19/10/2020	Tuesday 20/10/2020	Wednesday 21/10/2020
MPS (Cancelled)	MPS	MPS2
Saturday 14/11/2020		
PROD		

Oracle Database compression

Maintenance Schedule Jan/Feb 2021

PRE PROD = MPS/MPS2

Outage time between 10:00 am and 04:00 pm for PRE PROD environments

Outage time between 11:00 pm and 6:00 am for PROD environment

Published on MOSL website

[CMOS > CMOS Releases](#)

January / February		
Monday 18/01/2021	Tuesday 19/01/2021	Wednesday 20/01/2021
MPS	MPS2	Mop Up
Saturday 06/02/2021		
PROD		

Maintenance Schedule

- ◆ Timing of planned maintenance – issues?
- ◆ Avoid extended interruption of MPS2 availability during a release testing window

Release Schedule 2020

Release	Deployment date	Time	Environment
8.0	21.04.2020	10am-8am	MPS2
	04.05.2020	10am-5pm	Patch drop MPS2
	15.05.2020	6pm-2pm	PROD
	19.05.2020	10am-5pm	MPS
8.5	31.07.2020	10am-8am	MPS2
	14.08.2020	10am-5pm	Patch drop MPS2
	28.08.2020	6pm-2pm	PROD
	02.09.2020	10am-5pm	MPS
	18.09.2020	10am-3pm	Patch drop MPS2*
	25.09.2020	10am-11pm	Patch drop PROD*
	29.09.2020	10am-3pm	Patch drop MPS*
9.0	02.10.2020	10am-8am	MPS2
	16.10.2020	10am-5pm	Patch drop MPS2
	06.11.2020	6pm-2pm	PROD
	10.11.2020	10am-5pm	MPS

* = improvements to MOSL processes in CMOS

Published on MOSL website [CMOS > CMOS Releases](#)

Release Management – R9.0

CPW077 – Establishing Trade Effluent charging strength methodology

- Impact on CSD 0206 Trade Effluent Processes, CSD 0301 Data Catalogue and CSD 0302 Standing Reports and Data Extracts, XSDs changes.
- New Data item: D6036 Charging Strength Methodology (T121.W and (TCORR)T122.W)

CPW087 – Ability for Wholesaler to add meter reads

- No impact to settlement nor consumption calculations
- Retailer will receive a T105.M
- New Code for 'Meter Read Type' (D3010) = W
- TCORR171.W can be used to remove the meter reading
- XSDs will need amending

Details [Market Codes > Change > Changes](#)

Release Management – R9.0

- ◆ Ofwat approval of CPW077 content on 30 April 2020
- ◆ Ofwat approval of CPW087 content on 7 July 2020
- ◆ MVI – No test environment. MOSL will carry out the tests and the new templates will be available on deployment of R9.0 into Production (06.11.2020).
- ◆ MPS deployment 11 September 2020 for TP testing
 - ◆ NCC015 – CMOS API Gate
 - ◆ Code changes for the CPWs but not tested
 - ◆ Update Release schedule and reminder comms on 7 September 2020
- ◆ MPS2 deployment 2 October 2020
- ◆ MPS2 Patch drop 16 October 2020
- ◆ TP testing to complete 23 October 2020 (plus one week contingency)
- ◆ Deploy to PROD 6 November 2020
- ◆ Deploy to MPS 10 November 2020

Release Schedule 2021

Release	Deployment date	Time	Environment
10.0	16.04.2021	10am-8am	MPS2
	30.04.2021	10am-5pm	Patch drop MPS2
	14.05.2021	6pm-2pm	PROD
	18.05.2021	10am-5pm	MPS
10.5	30.07.2021	10am-8am	MPS2
	13.08.2021	10am-5pm	Patch drop MPS2
	27.08.2021	6pm-2pm	PROD
	31.08.2021	10am-5pm	MPS
11.0	01.10.2021	10am-8am	MPS2
	15.10.2021	10am-5pm	Patch drop MPS2
	05.11.2021	6pm-2pm	PROD
	09.11.2021	10am-5pm	MPS

Published on MOSL website [CMOS > CMOS Releases](#)

Release Management – R10.0

NCC016 – Same Day Meter Readings Display

- Display of all meter readings (including retired readings) within the meter readings screen
- Current heading of the column stating “Removed” will be changed to “Retired”

NCC017 – Meter DPID Association History

- Expand Meter / DPID association displays to show a historic meter / DPID association
- All meter / DPID associations that have been active at the SPID will be shown

CPW089 – T101 Adding Billing Address fields

- Developer name details:
 - Developer/Business name*, Customer Banner Name (if different from Customer Name)
- Developer Billing Address fields:
- Building Name, Address Line 1*, Address Line 2, Address Line 3, Address Line 4, Address Line 5, Postcode*, Contact Name, email, Contact Number
- * = Mandatory
- Affected transactions T101.W and T102.M

CPW085* – Premise Vacant transaction link to DPID

CPW088* – Enabling Wholesaler and Retailer to update Meter location data and GIS

* If approved by Ofwat by 12 November 2020

Further details for NCC on [MOSL Extranet - Non code change requests tracker](#)

Further details for CPWs [Market Codes > Change > Changes](#)

Systems Code versions

System	Version	as of date
PROD	8.5.2(56282)	20/10/2020
MPS	9.0.0(58101)	20/10/2020
MPS2	9.0.1(59141)	20/10/2020

Settlement timetable

Settlement timetable

Month	Publication date	R1	R2	R3	RF	P1
Jan-20	07/01/2020	Dec-19	Oct-19	Apr-19	Aug-18	-
Jan-20	10/01/2020	-	-	-	-	Feb-20
Feb-20	06/02/2020	Jan-20	Nov-19	May-19	Sep-18	-
Feb-20	07/02/2020	-	-	-	-	Mar-20
Mar-20	05/03/2020	Feb-20	Dec-19	Jun-19	Oct-18	-
Mar-20	10/03/2020	-	-	-	-	Apr-20
Apr-20	06/04/2020	Mar-20	Jan-20	Jul-19	Nov-18	-
Apr-20	07/04/2020	-	-	-	-	May-20
May-20	06/05/2020	Apr-20	Feb-20	Aug-19	Dec-18	-
May-20	06/05/2020	-	-	-	-	Jun-20
Jun-20	04/06/2020	May-20	Mar-20	Sep-19	Jan-19	-
Jun-20	09/06/2020	-	-	-	-	Jul-20
Jul-20	06/07/2020	Jun-20	Apr-20	Oct-19	Feb-19	-
Jul-20	10/07/2020	-	-	-	-	Aug-20
Aug-20	06/08/2020	Jul-20	May-20	Nov-19	Mar-19	-
Aug-20	07/08/2020	-	-	-	-	Sep-20
Sep-20	04/09/2020	Aug-20	Jun-20	Dec-19	Apr-19	-
Sep-20	09/09/2020	-	-	-	-	Oct-20
Oct-20	06/10/2020	Sep-20	Jul-20	Jan-20	May-19	-
Oct-20	09/10/2020	-	-	-	-	Nov-20
Nov-20	05/11/2020	Oct-20	Aug-20	Feb-20	Jun-19	-
Nov-20	09/11/2020	-	-	-	-	Dec-20

Published on MOSL website [Customer Journey > Settlement > Settlement Runs](#)

Settlement timetable

Month	Publication date	R1	R2	R3	RF	P1
Dec-20	04/12/2020	Nov-20	Sep-20	Mar-20	Jul-19	-
Dec-20	08/12/2020	-	-	-	-	Jan-21
Jan-21	07/01/2021	Dec-20	Oct-20	Apr-20	Aug-19	-
Jan-21	08/01/2021	-	-	-	-	Feb-21
Feb-21	04/02/2021	Jan-21	Nov-20	May-20	Sep-19	-
Feb-21	05/02/2021	-	-	-	-	Mar-21
Mar-21	04/03/2021	Feb-21	Dec-20	Jun-20	Oct-19	-
Mar-21	10/03/2021	-	-	-	-	Apr-21
Apr-21	08/04/2021	Mar-21	Jan-21	Jul-20	Nov-19	-
Apr-21	09/04/2021	-	-	-	-	May-21
May-21	07/05/2021	Apr-21	Feb-21	Aug-20	Dec-19	-
May-21	07/05/2021	-	-	-	-	Jun-21
Jun-21	04/06/2021	May-21	Mar-21	Sep-20	Jan-20	-
Jun-21	09/06/2021	-	-	-	-	Jul-21
Jul-21	06/07/2021	Jun-21	Apr-21	Oct-20	Feb-20	-
Jul-21	09/07/2021	-	-	-	-	Aug-21
Aug-21	05/08/2021	Jul-21	May-21	Nov-20	Mar-20	-
Aug-21	09/08/2021	-	-	-	-	Sep-21
Sep-21	06/09/2021	Aug-21	Jun-21	Dec-20	Apr-20	-
Sep-21	09/09/2021	-	-	-	-	Oct-21
Oct-21	06/10/2021	Sep-21	Jul-21	Jan-21	May-20	-
Oct-21	08/10/2021	-	-	-	-	Nov-21
Nov-21	04/11/2021	Oct-21	Aug-21	Feb-21	Jun-20	-
Nov-21	09/11/2021	-	-	-	-	Dec-21
Dec-21	06/12/2021	Nov-21	Sep-21	Mar-21	Jul-20	-
Dec-21	08/12/2021	-	-	-	-	Jan-22

Settlement

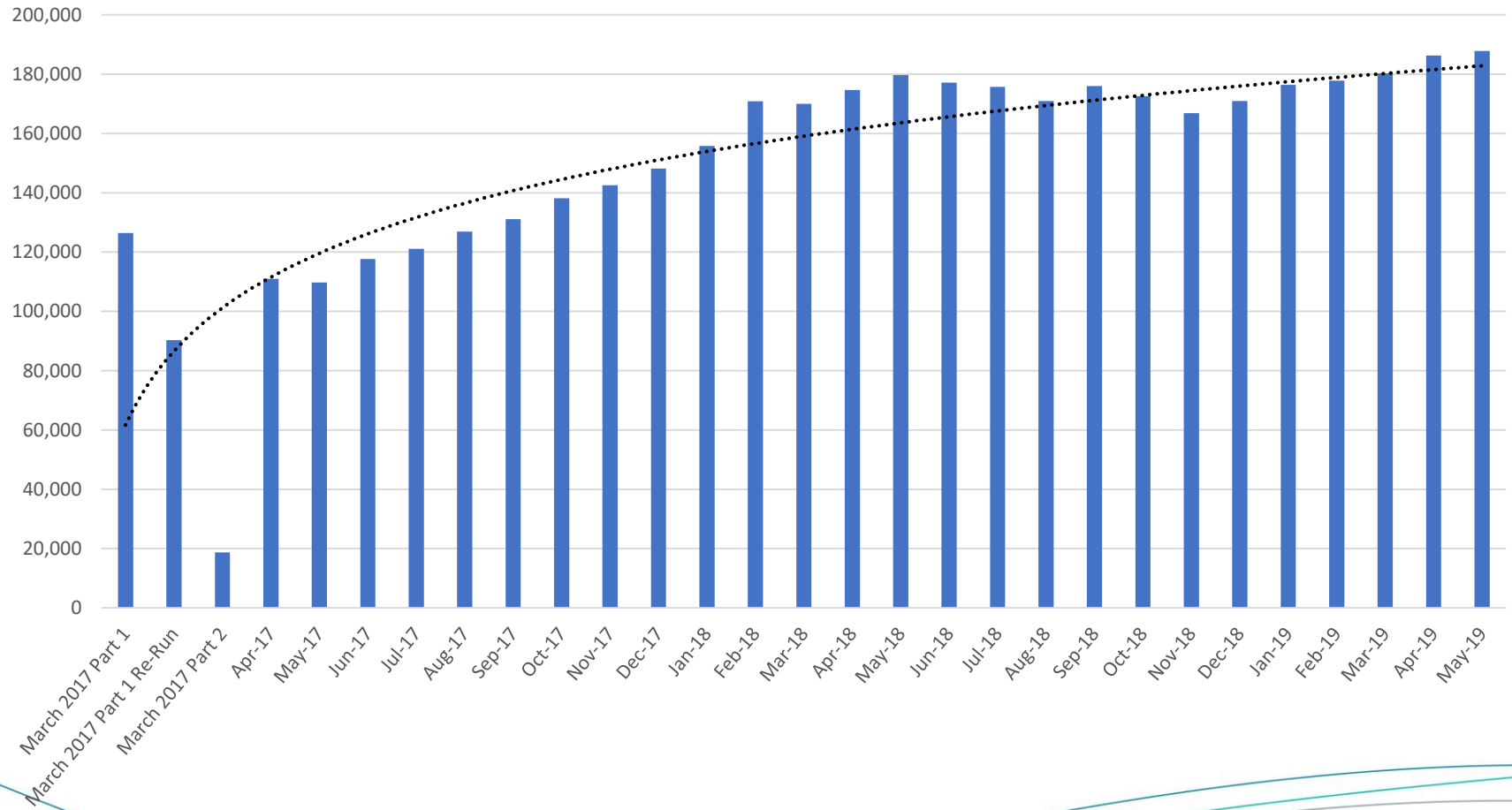
Estimated Readings (ER run) being split into two stages to minimise runtime in advance of the RF calculation – comms always issued once the dates are confirmed.

November ER (RF = June 2019) ER will start on 28 October, then second stage on 4 November.

Reminder comms will be issued on 22 October.

RF Settlement runs – G Readings

G readings created



Non Code Change (NCC)

Non Code Change Process

Website: ([Market Codes > Change > Non Code Change Requests](#))

Guidance: ([CMOS > Training & Guidance > MOSL Guidance > Non Code Change Request \(NCC\) TP Guidance](#))

- ◆ Allows changes to CMOS or MOSL systems to be requested and considered
 - ◆ Sharepoint location for submitting change requests
 - ◆ [MOSL EXTRANET / Non Code change Requests tracker](#)
 - ◆ Emailed confirmations of receipt
 - ◆ Tracker Form of status
 - ◆ Run consultations as per Code change CPs
 - ◆ Submit to Panel if/when funding is required

ID	Request title	Date submitted	NCC Ref	Category	Trading party submitted	Name	Describe the issue	Status	Target Release
20	Service Component history display in CMOS	18/08/2020	NCC020	LVI	United Utilities Water Limited	Michael Floyd	<p>CMOS offers users the capability to check changes to service components via the service component history tab.</p> <p>This tab allows two data states to be compared for the following fields:</p> <ul style="list-style-type: none"> Service component type Special agreement flag Special agreement factor Special agreement reference Tariff code <p>Unfortunately, whilst the service components history tab creates a line to indicate that there has been a change to components with a change date, it does not actually give an indication as to what change has been made.</p>	Review	
19	SPID status to be displayed on premises screen	27/07/2020	NCC019	LVI	United Utilities Water Limited	Michael Floyd	<p>To begin this is in addition to functionality requested as part of NCC013.</p> <p>Simplistically when reviewing a SPIDs core data in the premises tab there is a supply points section which provides a hyperlink to go into the supply point. The service category, multiple wholesaler flag & landlord SPID flag are also displayed.</p>	Review	

ID	Request title	Date submitted	NCC Ref	Category	Trading party submitted	Name	Describe the issue	Status	Target Release
18	Postcode search on search market information screen	27/07/2020	NCC018	LVI	United Utilities Water Limited	Michael Floyd	<p>As part of investigations into splits & mergers, unpaired SPIDs and other activities, users often perform a postcode search in CMOS. The search does seem to have some logic however, it appears to be based on a combination of created time/date and premises address, with any address starting with a 1 at the top of the returned search. Although numbers beginning with 1 are found at the top of the list they are not sequential as CMOS orders them based on the subsequent digit. For example as per the screenshot below 147 is displayed on the list above 15 -15a. When expanding the search to include 20 SPIDs (including some sewerage only SPIDs) it becomes clear that where there are sewerage only premises these are displayed at the top of the search results. The assumption is that the search is based on water SPID and as the premises address is blank, the SPID is displayed at the top of the search. At this point the sewerage address is then displayed in numeric followed by alphabetic order based on the sewerage premises address for the sewerage only address, then based on the water premises address for the remainder of the first 20 SPIDs created.</p> <p>As an example of SPIDs being returned based on creation, 143 Test Road is not included when searching on 10 SPIDs as this was not one of the first 10 SPIDs created however, when searching based on 20 SPIDs this appears above 147 Test Road as expected.</p>	Rejected	

ID	Request title	Date submitted	NCC Ref	Category	Trading party submitted	Name	Describe the issue	Status	Target Release
17	Meter DPID Association History	26/06/2020	NCC017	LVI	MOSL	Ricardo Wissmann-Alves	When a period of Meter-DPID association is split up by a period of disassociation, the portal only displays the latest record, rather than all periods of association.	Open	CMOS 10.0
16	Same Day Meter Readings Display	26/06/2020	NCC016	LVI	MOSL	Chris Dawson	Within CMOS there are various scenarios that allow for different types of meter readings to use the same date. The issue is that when this happens, both meter readings are accepted but the first one is retired. Therefore the user only have visibility of the "Active" meter readings.	Open	CMOS 10.0
15	CMOS API Gateway	26/06/2020	NCC015	LVI	MOSL	John Briggs	In line with MOSL IT Road Map, MOSL wants to provide a unified user interface to the market and want to establish a wider set of services to support this. These or similar services may, in time, be used in building the Bilaterals replacement solution.	Open	CMOS 9.0
14	TE Tariff display	28/02/2020	NCC014	LVI	MOSL	Ricardo Wissmann-Alves	In CMOS the display of Service Component 'Trade Effluent Services (TE)' should be null as per design because a Sewerage SPID could have more than one DPID with different tariffs associated to it (DPID tariff is not at Service Component level, but DPID level).	Complete	CMOS 8.5
13	SPID Status Display for Search Results	28/10/2019	NCC013	LVI	United Utilities Water Ltd	Michael Floyd	CMOS LVI users often need to search based on address (postcode, street) to return a number of premises with the aim of seeing what SPIDS are present. However to see what status each SPID is at involves navigating in to each SPID and then back out to the search to check the next one which can be time consuming and a frustrating user experience.	Complete	CMOS 8.5

MVI Improvements discussion

MVI Improvements discussion

- ◆ Portsmouth Water:
 - ◆ Error reports generated from MVI do not contain a SPID reference, which increases the time it takes to investigate the error, they just give a line number, which relates to the line number of the original MVI submission.
 - ◆ It would also be useful if the Return Code included a description.

Notification errors for batch 2670

Row Number	Transaction Name	Validation Status	Document Reference	Transaction Submitted	Response	Return Code	Data Item
19	TCORR176.W	OK	edbafe8084f784f8fb1e17aeffa8d1d5a	10/04/2019 09:51:14	T109.M	VP	D3042
20	TCORR176.W	OK	fe3fbf8b4d6d4ee5a84cb1a4cb4a9416	10/04/2019 09:51:21	T109.M	VP	D3042
21	TCORR176.W	OK	63eceb345d0947239acf2f35dc5ed614	10/04/2019 09:51:28	T109.M	VP	D3042
22	TCORR176.W	OK	74d94dee73b44a78bf6991759953c4f9	10/04/2019 09:51:36	T109.M	VP	D3042
23	TCORR176.W	OK	4490f805236847a496cf48c45d91558c	10/04/2019 09:51:43	T109.M	VP	D3042
24	TCORR176.W	OK	064388d961764e6f9edbed764fc09b1f	10/04/2019 09:51:50	T109.M	VP	D3042
25	TCORR176.W	OK	0e6f439f9480427c9cee4c86d4117a3e	10/04/2019 09:51:57	T109.M	VP	D3042
26	TCORR176.W	OK	e6bed30225a04bde90f35f13c168e9df	10/04/2019 09:52:05	T109.M	VP	D3042
29	TCORR176.W	OK	9d18431e9ba042df8c2a7905ff335756	10/04/2019 09:52:28	T109.M	VP	D3042
30	TCORR176.W	OK	acec89d774ae4f999c06ba6f76773d9b	10/04/2019 09:52:35	T109.M	VP	D3042
31	TCORR176.W	OK	44de51d7d339468aba43bf322a43c57b	10/04/2019 09:52:42	T109.M	VP	D3042

MVI Improvements discussion

- ◆ Castle Water / First Business Water:
 - ◆ Reconciliation of transactions submitted via MVI.
 - ◆ Would like to match the originator’s reference to the T109.M.

- ◆ MOSL:
 - ◆ Possibility of changing the report, but it might impact other TPs who download the report and process it in their systems or
 - ◆ Create a new channel in CMOS for the MVI but there would be a cost associated with that

Batch summary for batch 9749



Row Number	Transaction Name	Validation Status	Document Reference	Transaction Submitted	Response	Return Code	Data Item
1	TCORR112.R	OK	4e4033c9f2c94ffe986874e1ccda9413	30/09/2020 17:01:48			
2	TCORR112.R	OK	6f0e8db06b07400d94e0844a22752928	30/09/2020 17:01:51			
3	TCORR112.R	OK	7aef4998163945498a4c524e09576c2a	30/09/2020 17:01:55			
4	TCORR112.R	OK	51a9133c8cd5473884de3c685f4c86c0	30/09/2020 17:01:58			
5	TCORR112.R	OK	4dc2b0aed87e42da9f7e64c58c31ec2c	30/09/2020 17:02:02			
6	TCORR112.R	OK	de92d9d67394402bafea6037536049f2	30/09/2020 17:02:06			
7	TCORR112.R	OK	70dd96a8c0b5435892c2e93c521e833e	30/09/2020 17:02:09			
8	TCORR112.R	OK	99b0e8abf53d4c61bae54a831144b3c2	30/09/2020 17:02:13			
9	TCORR112.R	OK	0e839668d06749ea94e6852fec3d6f4f	30/09/2020 17:02:16			

Forthcoming changes

Abu Rashid – Senior Market Design Analyst

27 In-flight Changes

Committee C

MOSL M

Sub-group S

In-flight Change Proposals

Design			Consulting			Recommendation			Ofwat Decision			Awaiting Implementation						
Ref	Process	Title	Ref	Process	Title	Ref	Process	Title	Ref	Process	Title	Ref	Process	Title	Release			
CPW070	S	Bilaterals Interfaces Solution	CPM036	M	Provision to vary term of Panel Members	CPM033	C	Improved process for managing Data Subject Rights Requests	CPM015	S	Panel Self-Governance	CPW080	C	Simplification of Default and Termination Process	CPM019	C	GDPR Data Security Standards	06-Nov-20
						CPM034	M	Retailer Panel Member changes	CPM029	C	Unified Disputes Process	CPW085	C	Premise Vacant transaction link to DPID	CPW077	C	Indicator on Trade Effluent Strengths	06-Nov-20
						CPM035	M	Panel Election Streamlining	CPW059	M	Changes to Review Obligations	CPW086	M	Unsecured Credit Allowance - Rebalancing	CPW087	M	Ability for Wholesalers to add meter reads	06-Nov-20
						CPW104	M	Updating CSD 0302, CSD 0002 and CSD 0202 to align with CPW07	CPW061	C	Unsecured Credit Allowance based on Payment history	CPW088	M	Enabling Wholesaler and Retailer to update Meter location data	CPW089	M	T101 Adding Billing Address fields	14-May-21
						CPW105	M	Provisions of Information Obligation	CPW067	S	Bulk submissions of service requests via MS Excel	CPW092	C	Unified Disputes Process	CPM030	M	Gender Neutrality in the Market Codes	
									CPW069	M	Right of a Retailer to appoint an Accredited Entity	CPW099	M	Clarify the responsibilities of Trading Parties during a planned exit	CPW102	M	Gender Neutrality in the Market Codes	
									CPW071	S	Panel Self-Governance							
									CPW075	S	Settlement Estimation - Remove estimated meter readings when							

Change Proposals in Design

Reference	CPW070
Title	Bilaterals Interfaces Solution
CMOS Impact	N
Group	Ofwat
Update	Ofwat is still determining the progression steps for this change and the timescales involved.
Impact Assessment	TBD
Consultation	TBD
Panel Recommendation	TBD
Implementation	14 May 2021

Change Proposals in Consultation

Reference	CPM036
Title	Provision to vary term of Panel Members
CMOS Impact	N
Group	MOSL
Update	This change is being consulted upon in October 2020, to present to the Panel in November 2020.
Impact Assessment	Oct 2020
Consultation	7 Oct-27 Oct
Panel Recommendation	24 Nov 2020
Implementation	15 Feb 2021

Change Proposals for Panel Recommendation (1/2)

Reference	Title	CMOS Impact	Group	Panel Presentation and Implementation
CPM033	Improved process for managing Data Subject Rights Requests (DSRR)	N	GDPR Issue Committee	24 Nov 2020 15 Feb 2021
CPM034	Retailer Panel Member Changes	N	MOSL	27 Oct 2020 15 Feb 2021
CPM035	Panel Election Streamlining	N	MOSL	27 Oct 2020 15 Feb 2021

Change Proposals for Panel Recommendation (2/2)

Reference	Title	CMOS Impact	Group	Panel Presentation and Implementation
CPM036	Provision to vary term of Panel Members	N	MOSL	24 Nov 2020 15 Feb 2021
CPW104	Updating CSD 0302, CSD 0002 and CSD 0202 to align with CPW078	N	MOSL	27 Oct 2020 14 Dec 2020
CPW105	Provisions of Information Obligation	N	MOSL	27 Oct 2020 15 Feb 2021

Awaiting Ofwat Decision (1/3)

Reference	Title	CMOS Impact	Recommendation and Implementation
CPM015	Panel Self-Governance	N	Approve – 15 Feb 2021
CPM029	Unified Disputes Process	N	Approve – 6 Nov 2020
CPW059	Changes to Review Obligations	N	Approve – 15 Feb 2021
CPW061	Unsecured Credit Allowance Based on Payment history	N	Approve – 6 Nov 2020
CPW067	Bulk submissions of service requests via MS Excel	N	Approve – 15 Feb 2021

Awaiting Ofwat Decision (2/3)

Reference	Title	CMOS Impact	Recommendation and Implementation
CPW069	Right of a Retailer to appoint an Accredited Entity	N	Approve – 8 Jan 2021
CPW071	Panel Self-Governance	N	Approve – 15 Feb 2021
CPW075	Settlement Estimation	Y	Reject – 27 Aug 2021
CPW080	Simplification of Default and Termination Process	N	Approve – 6 Nov 2021
CPW085	Premise Vacant transaction link to DPID	Y	Approve – 14 May 2021

Awaiting Ofwat Decision (3/3)

Reference	Title	CMOS Impact	Recommendation and Implementation
CPW086	Unsecured Credit Allowance	N	Reject – 6 Nov 2020
CPW088	Enabling Wholesaler and Retailer to Update Meter Location Data and GIS X/Y	Y	Reject – 14 May 2021
CPW092	Unified Disputes Process	N	Approve – 6 Nov 2020
CPW099	Clarify the responsibilities of Trading parties during a Planned Event	N	Approve – 15 Feb 2021

Awaiting Implementation (1/2)

Reference	Title	CMOS Impact	Implementation
CPM019	GDPR Data Security Standards	N	6 Nov 2020
CPW077	Indicator on Trade Effluent Strengths	Y	6 Nov 2020
CPW087	Ability for Wholesalers to add meter reads	Y	6 Nov 2020

Awaiting Implementation (2/2)

Reference	Title	CMOS Impact	Implementation
CPW089	T101 Adding Billing Address Fields	Y	14 May 2021
CPW102/ CPM030	Gender Neutrality in the Market Codes	N	6 Nov 2020

Implemented Change Proposals (1/3)

Reference	Title	CMOS Impact	Implementation
CPM022	Urgent Change: Reducing Panel Quorum	N	7 Oct 2020

Implemented Change Proposals (2/3)

Reference	Title	CMOS Impact	Implementation
CPM026	Panel Chair and Alternate	N	28 Aug 2020
CPW068/CPM017	MIMP Committee revisions	N	28 Aug 2020
CPW074	Introduction of a Retailer SLA in relation submission of trade effluent market forms to Wholesalers	N	28 Aug 2020

Implemented Change Proposals (3/3)

Reference	Title	CMOS Impact	Implementation
CPM028	Governance of the MOSL Board in line with the Articles of Association	N	1 Sep 2020
CPW103/CPM032	Amendments to the Interim Supply Process	N	9 Sep 2020

Bilateral Transactions Programme - Update

Miles Robinson – Implementation Lead

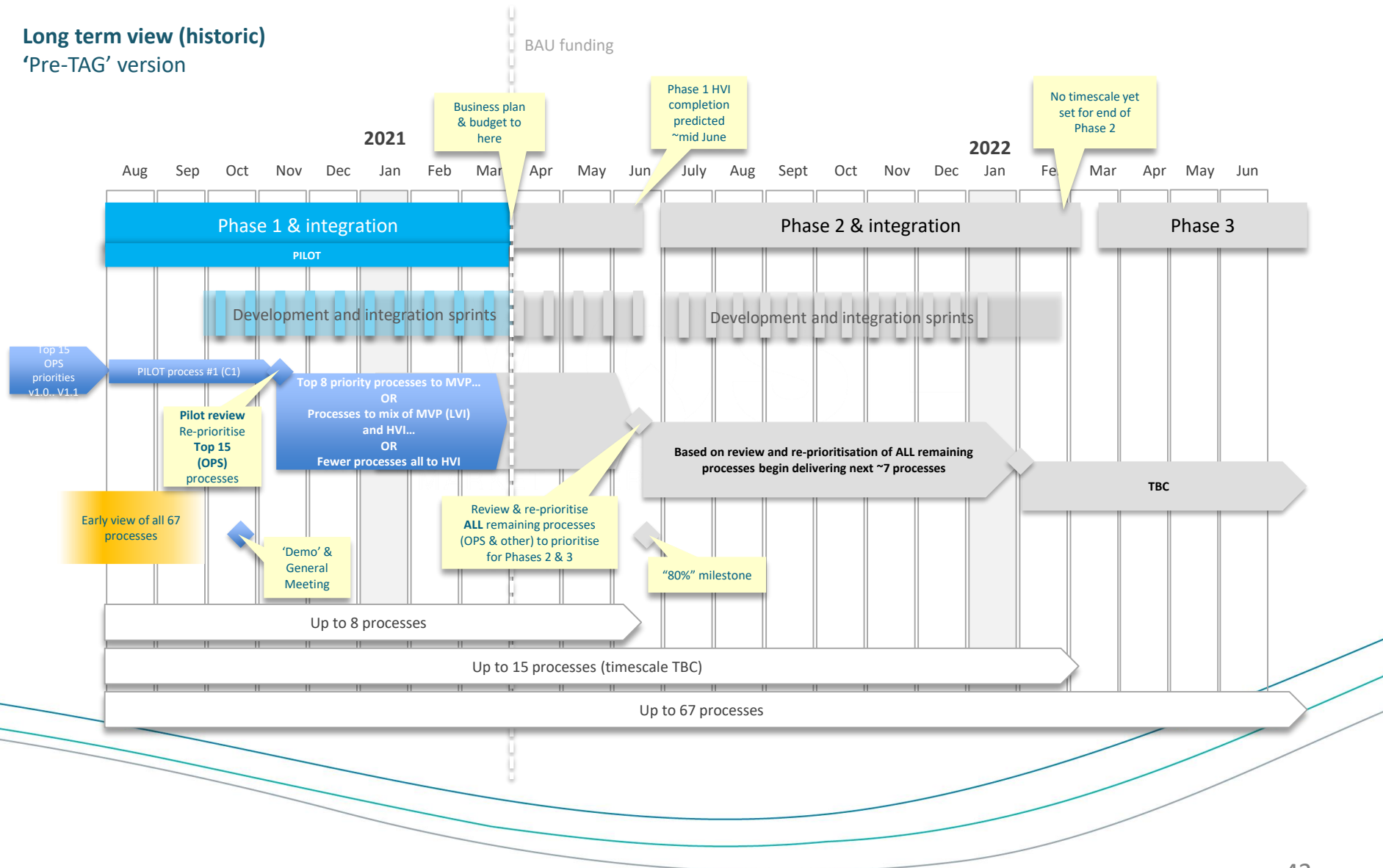
Spencer Mattia – Programme Manager

Overview

- ◆ Initial planning approach (pre TAG)
- ◆ Implementation approach
- ◆ High level plan
- ◆ Tech milestones
- ◆ Key dates

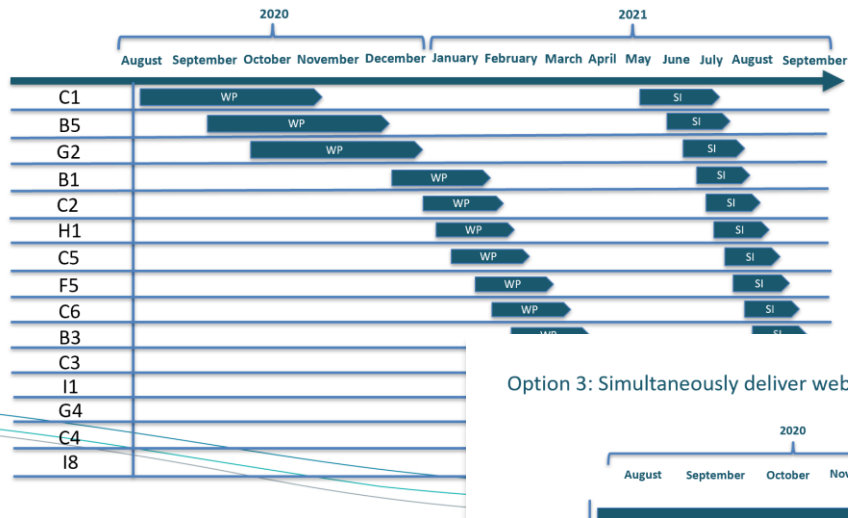


Long term view (historic)
'Pre-TAG' version

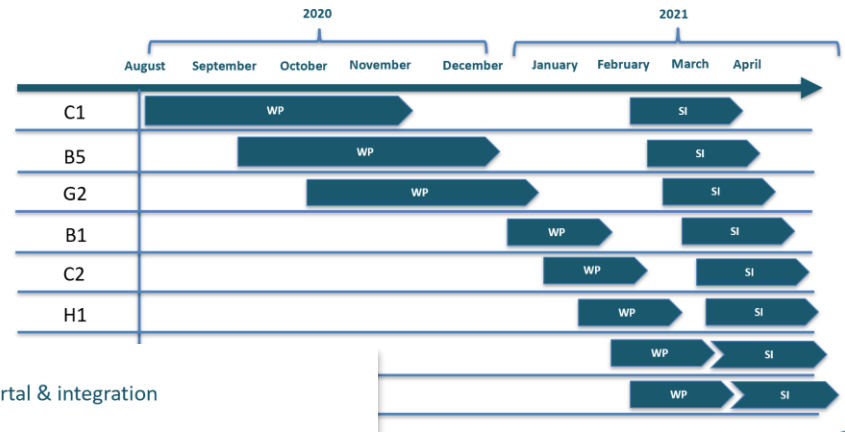


Implementation approach

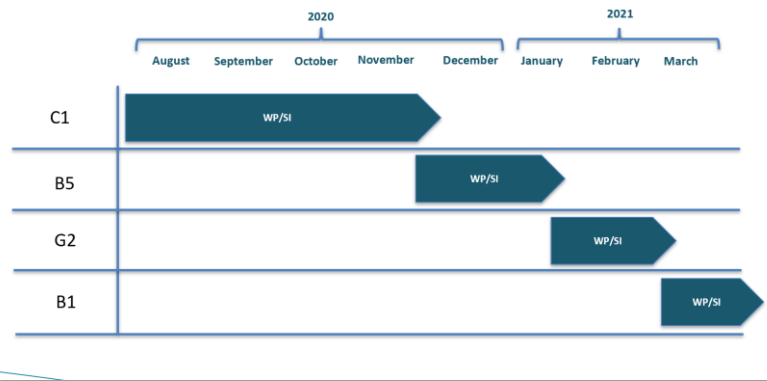
Option 1: Deliver a web portal first



Option 2: Deliver web portal and system integration in phases

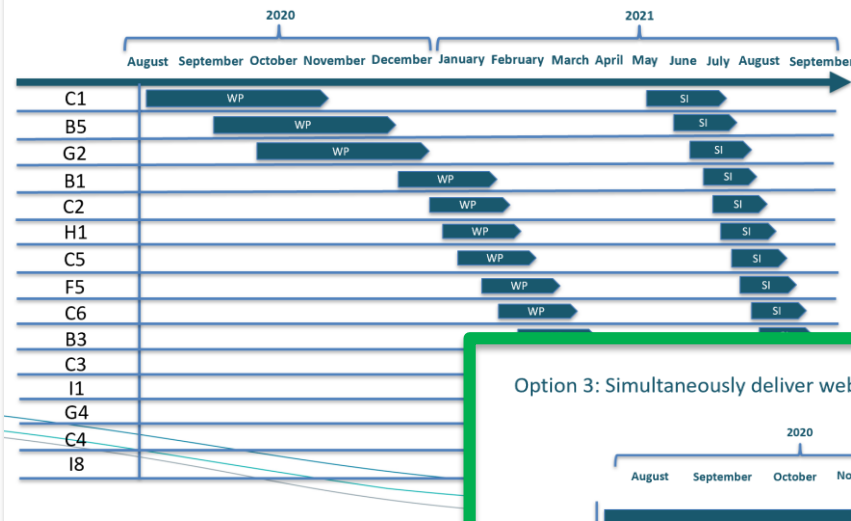


Option 3: Simultaneously deliver web portal & integration

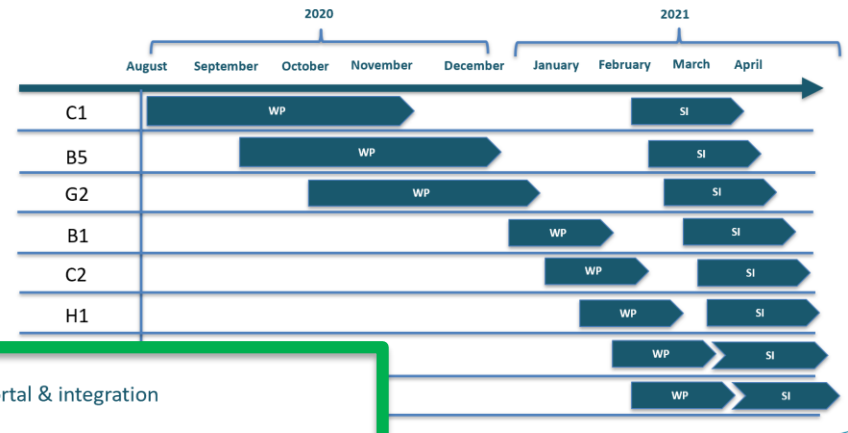


Implementation approach (cont)

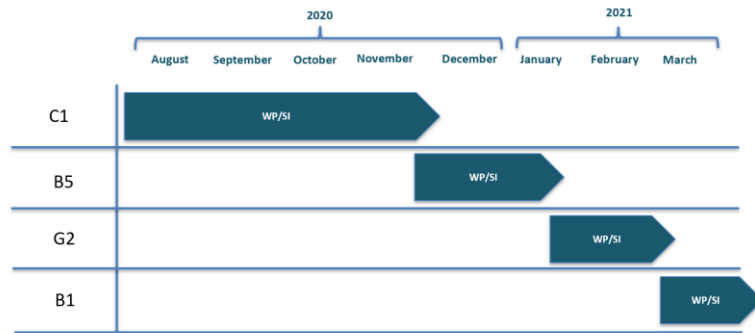
Option 1: Deliver a web portal first



Option 2: Deliver web portal and system integration in phases

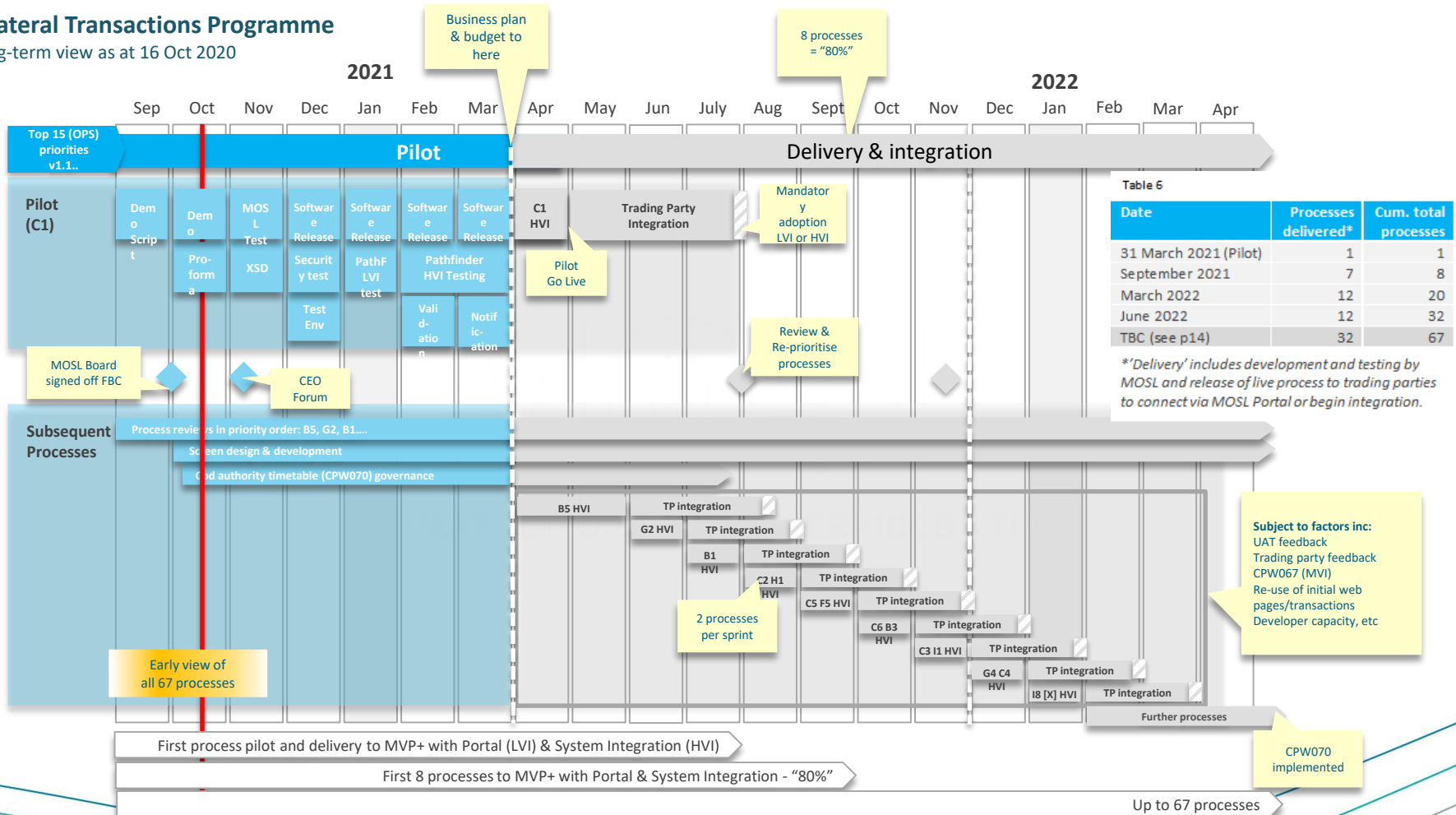


Option 3: Simultaneously deliver web portal & integration



Bilateral Transactions Programme

Long-term view as at 16 Oct 2020



Pilot key activities

Pilot (meter/supply arrangement verification 'C1') process

September	October	November	December	Jan	Feb	March	April
Infrastructure Development	Contract Manager Demo	UAT MOSL	Pathfinder LVI Testing	Pathfinder LVI Testing	Validation Rule list to TP's	Notification channel management	C1 LVI & HVI available Sprint Planning Sessions
Microservices Development	Develop Assess C1 page	Develop CMOS Updates pages	Security Requirements	Development of HVI	Development of HVI Notifications Development	Develop Print Capability Develop live data feed to CMOS	
Requirements for Access C1 page	Develop Submit C1 page	Develop service request rejection pages	Complete Penetration testing	Develop Cross border SPIDS	Develop Export functionality	Develop Reporting functionality	
Process Reviews for C1	Develop Landing Page	Development HVI	Test Environment becomes available	Develop SLA Tracking Develop Enhanced Search / Functionality	Pathfinder HVI testing	Pathfinder HVI testing	
Requirements for Submit C1 page	Develop provide more info page	Interface Definition Doc to TP's	Development of HVI	Access to copy of CMOS database	Password management	Sprint Planning Sessions	Sprint Planning Sessions
Requirements for Landing Page	Develop site visit page	Test data for UAT input into system	Develop Save as draft functionality	Sprint Planning Sessions			
Requirements for Accept or reject page	Develop proposed corrections page	Develop onscreen help and guidance	CMOS Synchronisation Development Users and groups configured for pathfinder users				
Requirements for site visit completed	Develop review proposed corrections page	Develop Accept / Reject page	Training materials/user guides				
Requirements for Retailer Review page	Requirements for help content	Develop Retailer Review page	Develop transfer in progress page				
Requirements for Provide more info page	Requirements for notifications	Development of HVI	Sprint Planning Sessions				
Requirements for CMOS Update W	Requirements for transfer in progress	Sprint Planning Sessions	Sprint Planning Sessions				
Requirements for CMOS Update R	Sprint Planning Sessions						
Requirements for enhanced functionality							
Wireframes							
Initial screen designs							

Repair/replace a meter (B5)

Trade effluent consent (G5)

https://www.mosl.co.uk/bilaterals_prioritisation

Sprint and process status tracker

Priority v1.1 [More]	Ref	Process description	Development sprints				Current process status							
			Past	Live	Start	End	No current focus	Requirement gathering	Backlog awaiting devp't	Devp't in prog	Review (UAT/ Beta)	HVI integration	No further work planned	
--	--	Foundation sprint	0		13/07/20	24/07/20								
--	--	Foundation sprint	1		27/07/20	07/08/20								
--	--	Foundation sprint	2		10/08/20	21/08/20								
1.	C1	Meter verification	3, 4	5	21/09/20	02/10/20								
2.	B5	Repair/replace meter												
3.	G2	Trade effluent consent												
4.	B1	Installation of a meter												
5.	C2	Gap site identification												
6.	H1	Volumetric adjustments												
7.	C5	Dereg of supply point												

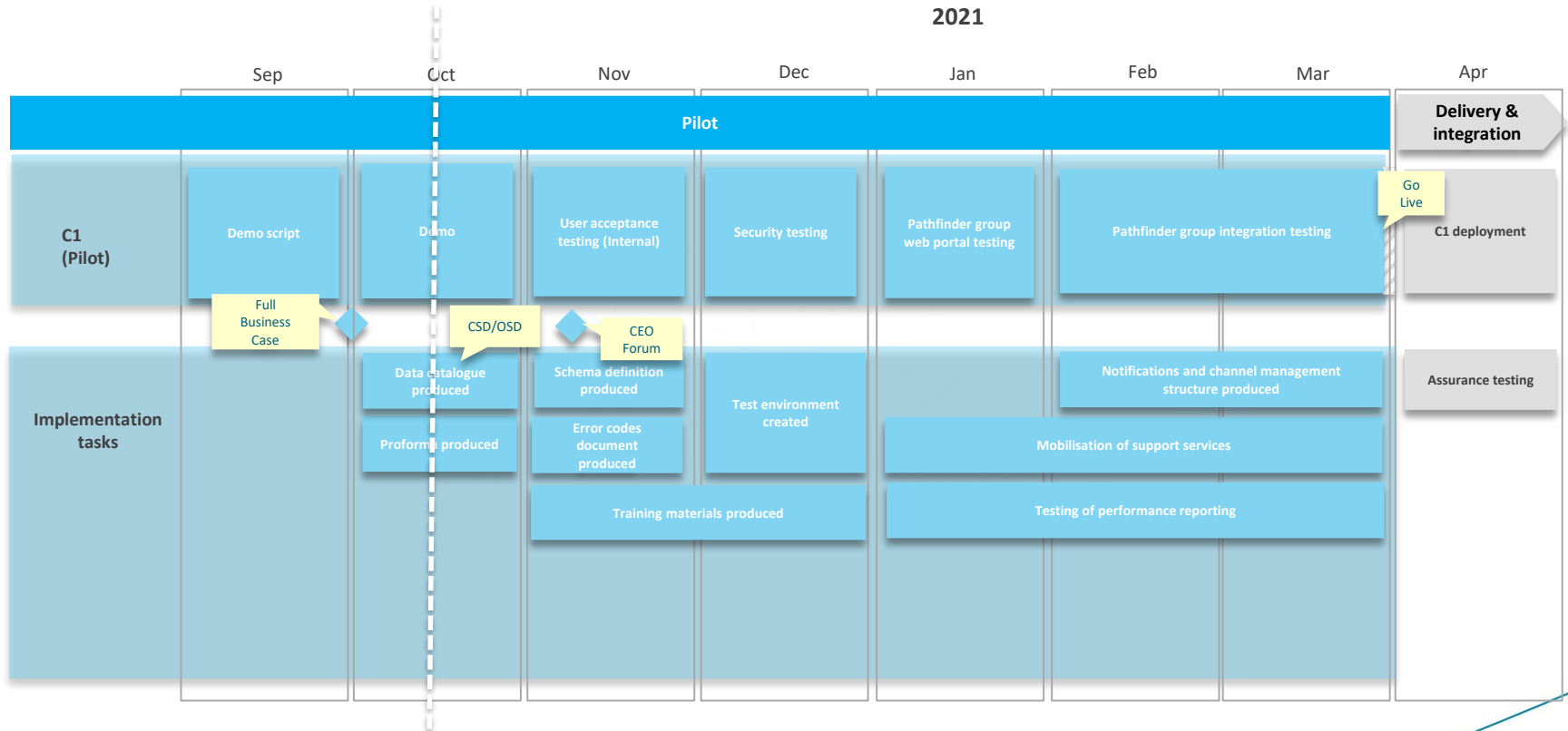
- Not started
- In progress
- Completed
- Minor issues identified
- Major issues identified

Bilateral Transactions Programme
Sprint 4

MOSL
MARKET OPERATOR SERVICES LTD

Start 7 September 2020			End 18 September 2020		
Order	Title	State	Order	Title	State
1	Finalize the model, code and document the Bilateral Forms Database	New	1	Query SUPPLY_POINT details from CMOS replica db by SPD and Retailer...	Closed
2	Web Portal Draft	Active	2	API & Database query - return meter details for the specified supply point...	Closed
3	Finish Bilateral Forms Database design	Closed	3	Form inputs for meter verification	Active
4	Validation Microservice	Active	4	API & Database query - get details of meter associated with a supply point...	New
5	API to return list of service requests	New	5	Query - get data about the SPD such that it can be validated for submissio...	Closed
6	Database query - return service requests for the current Wholesaler User	New	6	Finalize the model, code and document the Bilateral Forms Database for th...	Closed
7	Database query - return service requests for the current Retailer User	New	7	Web Portal Draft	Closed
8	Create landing page UI	Active	8	Finish Bilateral Forms Database design	Closed
9	Search for a SPD and display details as held in CMOS	New	9	Validation Microservice	Active
10	Query SUPPLY_POINT details from CMOS replica db by SPD and Retailer C...	Active	10	API & Database query - return service requests for the current Wholesaler...	Closed
11	Database query - get details of meter associated with a supply point - Meta...	New	11	Create landing page UI	Active
12	Database query - return meter details for the specified supply point - Meta...	New	12	Create the 'Create Form C1A Service Request' page framework	Active
13	Create the 'Create Form C1A Service Request' page framework	Active	13	API / Db query for service request history tab	New
14	Form inputs for meter verification	New	14	API / db query for 'Request Details' tab	New
15	Validation of form input fields for meter verification check	New	15	Onboarding to new DevOps teammate	Closed
16	Form inputs for meter supply check	New			
17	Validation of form input fields for meter supply check	New			

Implementation & enduring service



Key dates

- ◆ **Data catalogue produced** – October 2020
- ◆ **Proforma created** – October 2020
- ◆ **Contract Manager Demo** - 21 October 2020
- ◆ **B5 Process Review to start** – 22 October 2020
- ◆ **CEO Forum** - 5 November 2020
- ◆ **Pathfinder regular meetings start** – November 2020
- ◆ **Schema definition** – November 2020
- ◆ **Error code list** – November 2020
- ◆ **Internal UAT** – November 2020
- ◆ **Test environment created** – December 2020
- ◆ **Pathfinder web portal testing** – January 2020
- ◆ **Initial HVI testing with Pathfinders** - February/March 2021
- ◆ **Software releases to Pathfinders to complete the delivery of C1 to LVI & HVI** - Monthly to end March 2021
- ◆ **TPs start to use C1 and HVI** - April 2021

Data Issues

Data issues

- ◆ **CMOS users** - August we had – 5,284 active users. **Today 5,404**
 - ◆ An increase of 120 users since August.
 - ◆ CSD006 – Trading Party Administration and Notification Process ([Market Codes > Codes](#))
 - ◆ Trading Parties are responsible for maintaining user accounts on the Market Operator Systems, including the termination of accounts as part of the exit process for leavers, but always within one (1) week of the user having left the Trading Party.
- ◆ **Remedy users** – maximum of 10 users per Trading Party
 - ◆ Your Portfolio Manager is able to let you know if you are exceeding this number

Data issues

◆ HVI Transactions

- ◆ Maximum number of transactions to be submitted: **3,600/hour/TP** (since the end of March increased to 4,000/hour/TP from 8am to 6pm and, 6,000/hour between 6pm and 12am and 3:30am to 8am). No transactions to be submitted between 12am and 3:30am.

◆ MVI Transactions

- ◆ **5,000 transactions/TP/month.**
- ◆ We have increased this since the end of March for specific situations, but larger volumes need to be communicated in advance for acceptance and planning.

Data Issues – Proforma & SharePoint

Alex Crosbie – Digital Support Analyst

Proforma Update

- ◆ IP whitelist additions and removals - we no longer require a proforma to be completed
- ◆ Just email Proformas@mosl.co.uk
- ◆ Let us know which IP addresses to add
- ◆ Let us know which IP addresses to remove
- ◆ Confirm the environment (PRD and/or PRE PRD)

Common SharePoint issue

- 💧 Lots of queries of users unable to log into SharePoint
- 💧 They may see messages like this:

Access Denied

[alexcrosbie_hotmail.co.uk#ext#@mosl.co.uk](#) does not have permissions to access this resource.

Here are a few ideas:

- ➡ Please ask the site admin to give you access.
- ➡ If you have a different account, try signing in with that account.
This will sign you out of all other Office 365 services that you're signed into at this time.

If this problem persists, contact your support team and include these technical details:

Correlation ID: 653b859f-603e-2000-3f74-a0551f349b14
Date and Time: 19/10/2020 08:45:31
User: alexcrosbie_hotmail.co.uk#ext#@mosl.co.uk
Issue Type: User does not have permissions.

What causes this?

- ◆ Logging in with wrong credentials
- ◆ Clicking hyperlink to open default browser
- ◆ Forcing SharePoint to open with already logged in credentials.

How to resolve this?

- ◆ All MOSL SharePoint sites require a MOSL Partners account
- ◆ Right click and copy hyperlink
- ◆ Paste into a different browser
- ◆ Paste into Incognito (Chrome) or InPrivate (IE) browsing windows
- ◆ This will enable you to log in with the correct credentials
- ◆ If still unable to log in email ITSupport@mosl.co.uk

MOSL Partner account password resets

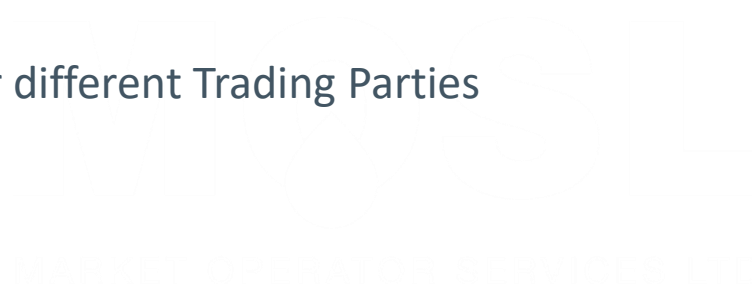
- ◆ MOSL Website
- ◆ MO Portal
- ◆ SharePoint
- ◆ Password expires after 60 days
- ◆ Log into SharePoint, change password there
- ◆ Use expired password, create another
- ◆ Alphanumeric,
- ◆ Minimum 8 characters
- ◆ Must have capital and lower case

Data Issues – Meter readings analysis

Hannah Allardice – IT Functional Consultant

Meter Reading Analysis

- ◆ Initial analysis – 1 year data
- ◆ High percentage of rejections
- ◆ Volume Validation
- ◆ Other rejections
- ◆ Different issues for different Trading Parties



AOB and wrap up

◆ ORWG Meetings

- ◆ Slides will be published on the website this afternoon.
- ◆ Meeting minutes to be published on the website in 2 days ([CMOS > ORWG](#))
- ◆ Date of next meeting: 15th of December – virtual meeting
- ◆ February meeting: 9th of February 2021
- ◆ April meeting: 6th of April 2021
- ◆ Everyone subscribed to the mailing list?

Close