MHHS PROGRAMME

Industry-led, Elexon facilitated

Cross Code Advisory Group #3
23 February 2022

Version 1.1

MHHS DEL215

|			
1. Welcome Chris Welby *5 mins*	**2. Minutes and Actions Review** Chris Welby *5 mins*	**3. Smart Meters Act Powers** Andy MacFaul *15 mins*	**4. CCAG feedback on M6 and M8** Jason Brogden / Andrew Margan *40 mins*
5. Code Body Assumptions Review PMO / Constituency Reps *20 mins*	**6. Horizon Scanning** Andrew Margan *15 mins*	**7. Next Steps** Chris Welby *5 mins*	

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Minutes and Actions Review

Chris Welby

5 mins

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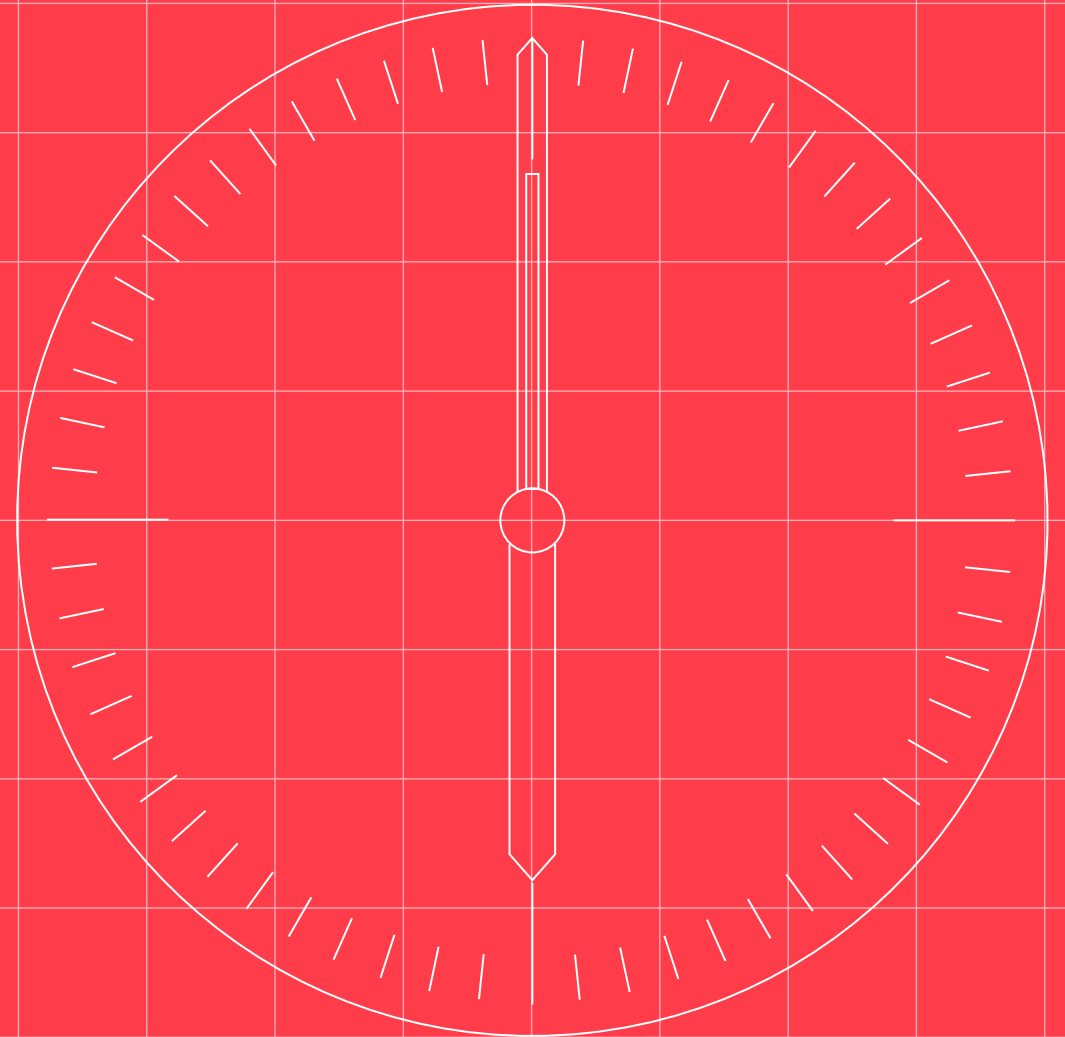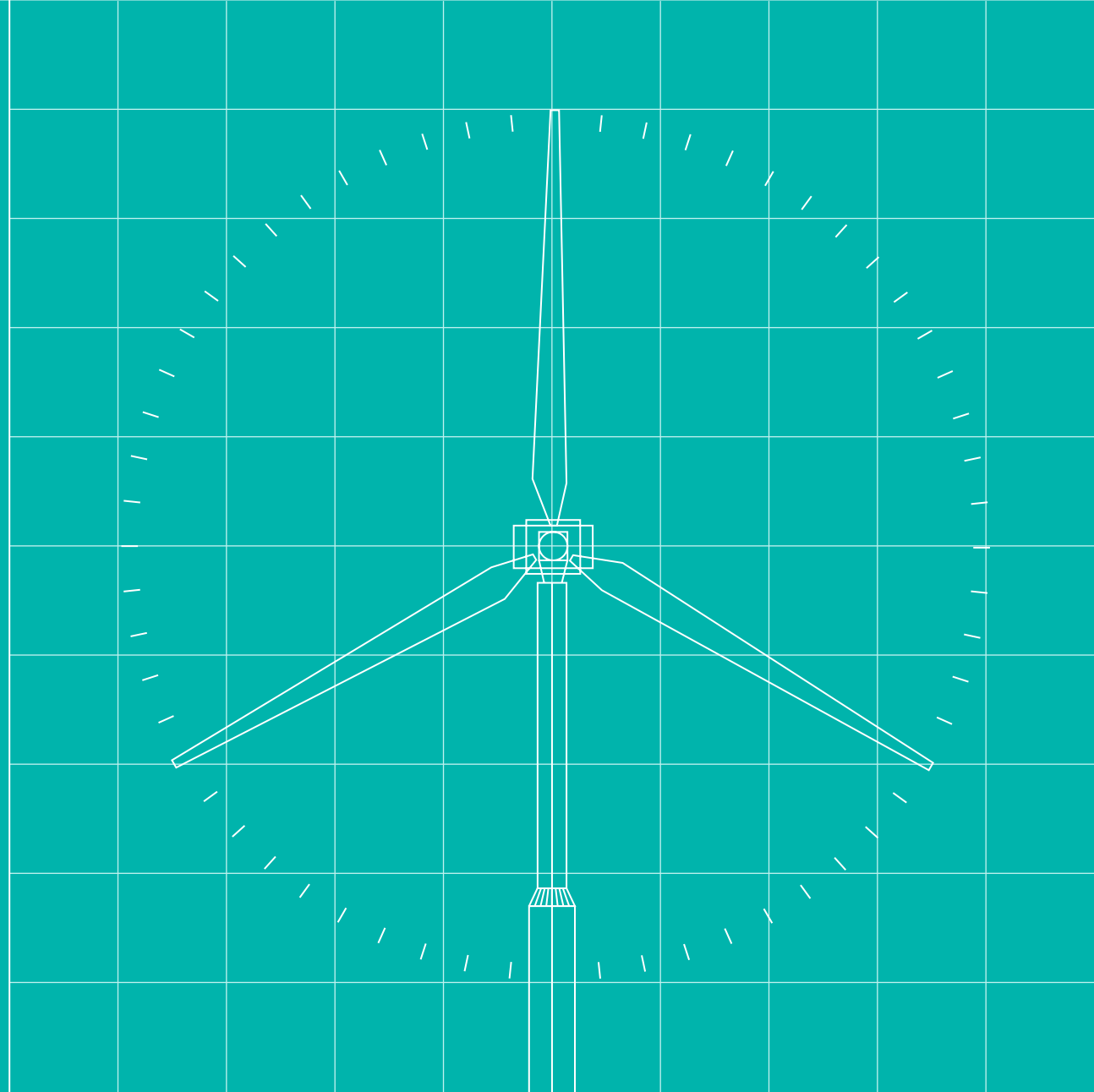
Minutes and Actions Review

- Approval of [Minutes from 26th January 2022](#)

- Open actions and actions from last CCAG:

Action Ref	Created	Action	Owner	Due Date	Status
CCAG02-01	26/01/2022	Follow up on prioritised access requests to the Programme Portal and report back to the CCAG next month on status	PMO	23/02/2022	CLOSED: PMO followed up with IT. Access should have been granted to any of those requests (please email PMO@mhhsprogramme.co.uk if you have any issues)
CCAG02-02	26/01/2022	MHHS Design workstream to provide a view of the granularity of design documentation to ensure that it can be appropriately lifted into the new BSCP and other legal drafting documents	Simon Harrison / Ian Smith	23/02/2022	OPEN: feedback from the Design team: There are detailed artefacts present in the design documentation in terms of detailed method statements. These inform the level of detail we envisage for elements of the design. Examples can be seen within the design artefacts e.g. Smart Data Service Validation and Estimation: Methodology Statement We expect that, as elements of detailed design continue, we will need to assure ourselves that the level of documentation being produced is fit for its primary purpose of enabling participants to commence Design, Build and Test activities internally and form the basis for the legal drafting. We would expect that this is a criteria of the ongoing review processes.
CCAG02-03	26/01/2022	Set up sessions with each code body to capture their assumptions and bring back to this group for review at the next meeting	PMO	23/02/2022	OPEN: PMO has contacted all code bodies and subsequently followed up. Session held with SEC.
CCAG02-04	26/01/2022	Present to CCAG how the Smart Metering Act Power could designate MHHS code changes	Andy MacFaul	23/02/2022	OPEN: agenda item 3 for discussion 23/02
CCAG02-05	26/01/2022	Confirm timelines on opt-out consultation to the CCAG	Andy MacFaul	23/02/2022	CLOSED: update provided
CCAG02-06	26/01/2022	A "Horizon Scanning" Log to be created and reviewed at each CCAG meeting going forwards	PMO	23/02/2022	OPEN: log created and reviewed with code bodies. Added as standing agenda item. Item for discussion alongside CCAG02-07. Proposal to close action following discussion today
CCAG02-07	26/01/2022	Engage with code bodies offline on how information on identified consequential changes will be shared with this group	Andrew Margan	23/02/2022	OPEN: see action CCAG 02-06
CCAG02-08	26/01/2022	Provide a view on behalf of constituencies of when M6 & M8 should take place	Supplier / DNO/ iDNO / Supplier Agent reps	23/02/2022	OPEN: responses received from Supplier (domestic), supplier agent and DNO/iDNO. Agenda item 4 for discussion for 23/02
CCAG02-09	26/01/2022	Replace the CCAG meeting papers on the website with the latest version	PMO	27/02/2022	CLOSED - updated following CCAG 26/01

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Smart Meters Act Powers

Andy MacFaul

15 mins

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1. **Action reminder, to handover to Andy MacFaul to present**

Action Ref	Created	Action	Owner	Due Date
CCAG02-04	26/01/2022	Present to CCAG how the Smart Metering Act Power could designate MHHS code changes	Andy MacFaul	23/02/2022

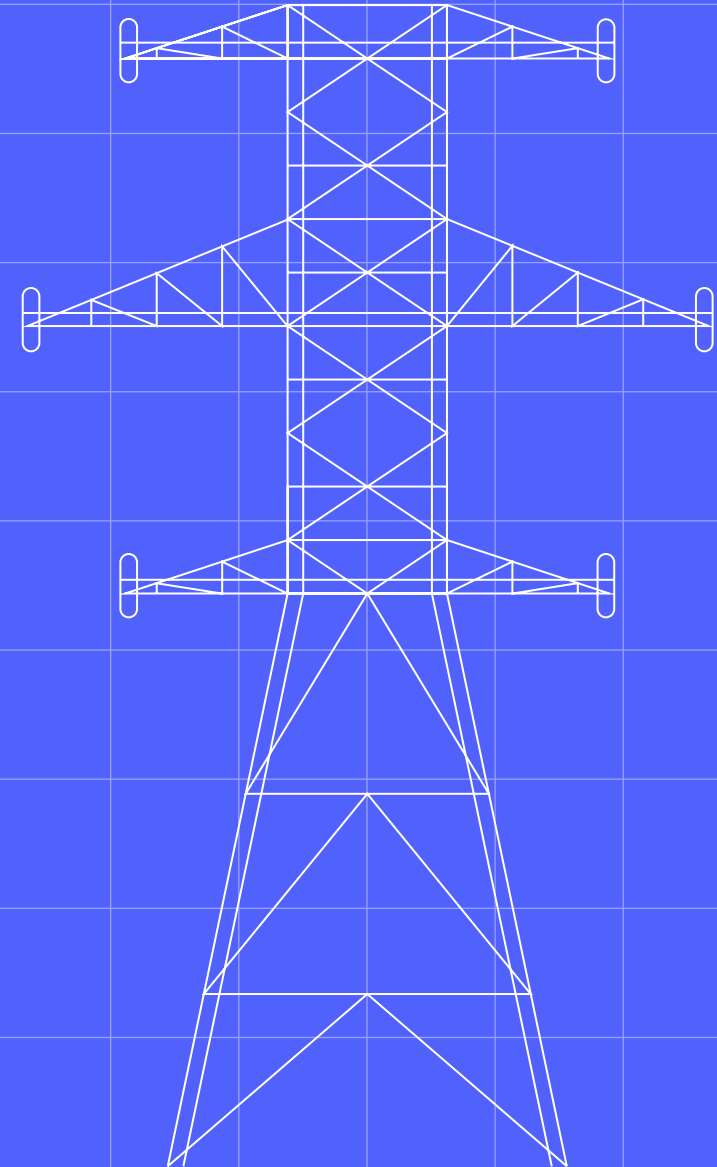2. **High level questions for update today on the Smart Meter Act Powers:**
   a) What are the timelines?
   b) What is the E2E process?
   c) What does Ofgem need from CCAG?
   d) Is an industry-wide consultation required and for how long?

3. **Are there any other questions from CCAG members?**

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CCAG feedback on M6 and M8

Jason Brogden / Andrew Margan

40 mins

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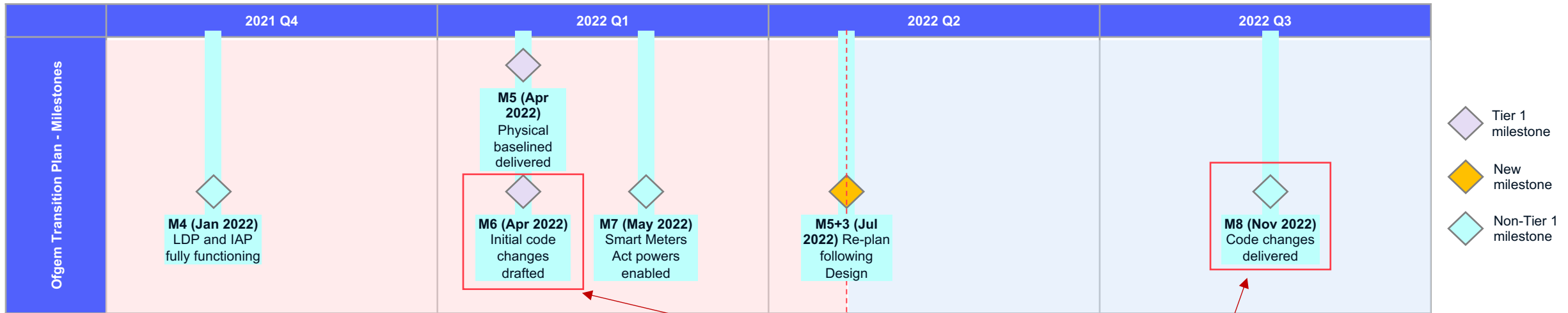
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Ofgem transition plan – change request requirements

CCAG members have been providing feedback and recommendations on the timelines for steps required to deliver code changes. Any proposed changes impacting milestones would need to be formalised in the Programme Plan in two ways:

1 **Any proposed milestone changes that impact milestones scheduled before M5+3 should be raised with a Change Request via the change control process**

2 **Any proposed milestone changes that impact milestones scheduled after M5+3 should be incorporated into the LDP PMO's re-planning activities taking place after M5**

| | 2021 Q4 | 2022 Q1 | 2022 Q2 | 2022 Q3 |

Ofgem Transition Plan - Milestones

M5 (Apr 2022) Physical baselined delivered

M4 (Jan 2022) LDP and IAP fully functioning

M6 (Apr 2022) Initial code changes drafted

M7 (May 2022) Smart Meters Act powers enabled

M5+3 (Jul 2022) Re-plan following Design

M8 (Nov 2022) Code changes delivered

◇ Tier 1 milestone
◆ New milestone
◇ Non-Tier 1 milestone

The CCAG has raised M6 and M8 as two milestones for proposed changes

Milestone	Milestone Tier	Milestone	Description	Requirement
M4		PMO/PPC/SI/IPA fully functioning	PMO/SI/PPC/IPA have stood up their team and are fully operational with all programme management processes and governance forums established.	
M5	Tier 1	Physical baseline delivered	In order for the other parties to commence the DBT phase a complete Physical Baseline, aligning both technical and regulatory designs, will be delivered.	Change Request
M6	Tier 1	Code change and detailed design recommendations delivered (proposal to update to 'Code changes baselined')	The CCDG will deliver the recommendations aimed at addressing any outstanding areas of the DWG's TOM design, and will deliver the recomendations for the changes to the Industry Codes and subsidiary documents necessary to enable the TOM.	
M7		Smart Meters Act powers enabled	Time limited (5 year) powers in Primary Legislation for Ofgem to make changes to Industry Codes for the purposes of MHHS are activated.	
M5+3	Tier 1	Re-plan following Design	Re-plan has been delivered by the LDP and agreed with MHHS Participants, Elexon and Ofgem (CPT)	N/A
M8		Code changes delivered	All changes to regulation (licences, industry codes (including BSC, SEC, REC, DCUSA)) have been made setting out the regulatory baseline.	Feed into re-plan

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Next steps for the CCAG

Unless a formal Change Request (CR) is raised to the Programme and approved, the Programme continues against the timelines and milestones in the Ofgem Transition Timetable as per agreed governance arrangements. Any changes >3mo to a Tier 1 milestone in the plan needs to be signed off by Ofgem.

The CCAG will need to determine the dependencies impacting timing and requirements for code drafting and delivery, and therefore build a CCAG view for the timings of milestones in the current plan. The CCAG view on M6 should be prioritised, as this falls before the re-planning activity. The Programme has started this activity on the next slide. The CCAG will need to develop this further and then take the following steps to change the programme plan, if it believes timing of milestones needs to change.

(1) Any proposed milestone changes that impact milestones scheduled before M5+3 should be raised with a Change Request via the change control process

- If the CCAG would like to propose changes to pre-M5+3 milestones, the CCAG will need to own and develop a proposal presenting the view of CCAG members.
- Any proposal would need to be provided to the Programme via a Change Request. This requires detail and rationale, demonstrating the proposal delivers the Programme objectives.
- The Change Request would be reviewed via the Programme's Change Control process. The Change Request would be considered by the Change Board and returned to the CCAG for impact assessment, if it is approved to proceed.
- Once a formal Change Request is accepted, the change would be incorporated into the baselined plan.
- The Programme would support the CCAG to ensure the proposal contains the required content. The Programme is supportive of finding the optimum timing of events to deliver code changes.

The CCAG would therefore need to:
- **Decide if it is going to propose a Change Request to pre-M5+3 milestones (i.e. M6)**
- **If yes, appoint a Change Owner from the CCAG to draft the Change Request**

Focus for M6

(2) Any proposed milestone changes that impact milestones scheduled after M5+3 should be incorporated into the LDP PMO's re-planning activities taking place after M5
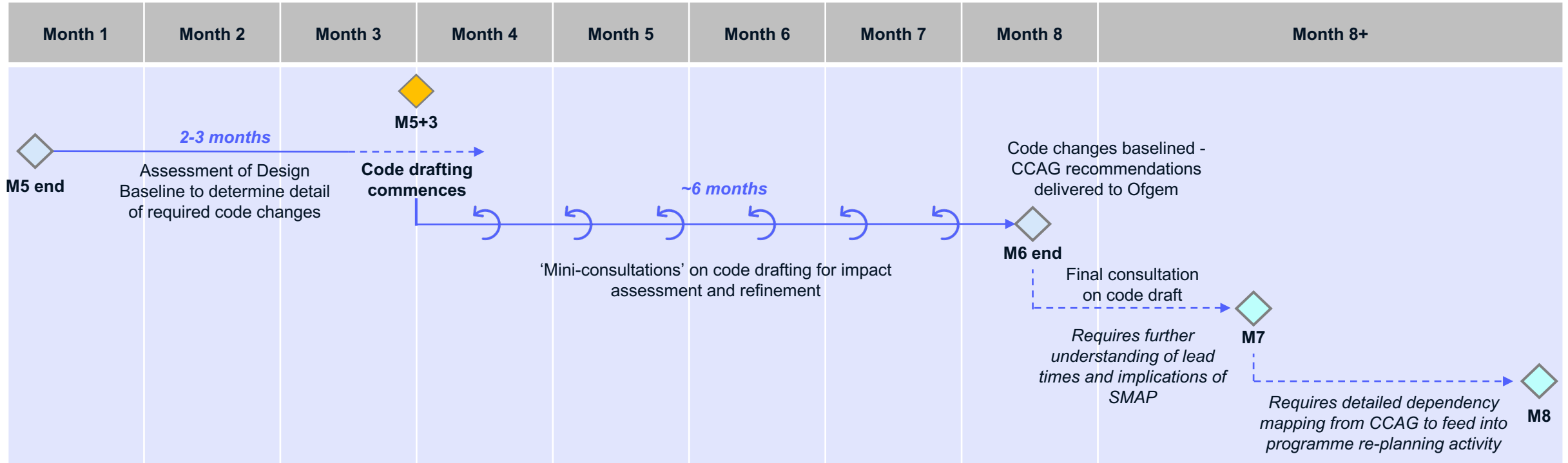
- If the CCAG would like to propose changes to milestones after M5+3, these should be incorporated into the PMO's re-planning activities following the plan being re-baselined.
- PMO re-planning activity will include consultation with industry and will result in a change to the current baseline plan. This will be captured via a Change Request and follow the Change Control process.
- The CCAG should prepare to feed into this process, including determining the dependencies between M6 and M8, and associated delivery activities.
- The PMO will communicate more information on the process and timelines for the re-plan when appropriate.

The CCAG would therefore need to:
- **Prepare to feed into the re-plan process, for example by agreeing and understanding activities and dependencies**

Straw man plan to M6

The Programme have created a 'starter for 10' plan for how code drafting could be actioned. Further views from CCAG members are collated on the following slides

Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 8+

M5+3

M5 end

2-3 months
Assessment of Design Baseline to determine detail of required code changes

Code drafting commences

~6 months

'Mini-consultations' on code drafting for impact assessment and refinement

Code changes baselined - CCAG recommendations delivered to Ofgem

M6 end

Final consultation on code draft

Requires further understanding of lead times and implications of SMAP

M7

Requires detailed dependency mapping from CCAG to feed into programme re-planning activity

M8

The CCAG needs to build an exhaustive picture of the factors defining when each step needs to take place. These then need to be incorporated in a more detailed CCAG planning activity

- What are the dependencies between each milestone?
- What are the activities under each milestone and the timeframes required?
- What are the boundary conditions – when is the latest each milestone can fall and what are the implications on later milestones in the plan?
- What is the detail and implications of SMAP (M7)?
- Are there any other relevant factors to be considered? e.g., release dates.
- Does this deliver code changes in time?

Document Classification: Public

Constituency rep feedback on action CCAG02-08

Action Ref	Created	Action	Owner	Due Date
CCAG02-08	26/01/2022	Provide a view on behalf of constituencies of when M6 & M8 should take place	Supplier / DNO/ iDNO / Supplier Agent reps	23/02/2022

Supplier (domestic) *Paul Saker, 26/01/22*	In regards to the action CCAG02-08, there is no consensus view on specific dates or timescales for the M6 and M8 milestones – suppliers do not feel that they have sufficient information to be able to provide this information at the moment. As noted in the call, there are two views within the domestic suppliers when it comes to the code changes and legal text: • Some suppliers want to see the legal text alongside the physical design artefacts before they commence their design and build – these suppliers are concerned that without the legal text across all of the impacted codes, they will not have a complete picture of what they need to deliver to enable MHHS to go-live. This • Other suppliers are less dependent on the legal text for their design and build activities and would be happy to start that activity based on the physical design artefacts once they are baselined – but this comes with the caveat that the design artefacts are complete; not only that they cover the full end to end design for market operation in an MHHS world, but they go the level of granular detail that the code documentation does. This specifically relates to things like timings, SLAs, volume constraints, non-functional requirements etc. that are often found in the legal drafting and which are vital for design and build. The feedback I have had is that it is not clear that the design documentation that has been discussed and reviews to date covers those things. Essentially, the better the design documentation the less you need the legal text, although people would still like to see it as early as possible (even in draft form) to be able to review it and ensure alignment with the physical design. You noted in the meeting that the programme is taking a design led approach not a code led approach and I think suppliers are broadly comfortable with that approach – suppliers are used to that approach from the Switching Programme and even those who want the legal text can probably be persuaded to wait for it. What everyone I have spoken to agrees is critical is getting that design baseline right, as is being discussed in other forums such as the PSG, that is the bit that suppliers are concerned about at the moment.
Supplier Agent *Clare Hannah, 28/01/22*	I had already provided our view on this however to reaffirm, the consensus of opinion is that agents are unable to comment on realistic dates for either milestone due to the lack of available information regarding the design, which in prevents an understanding of the amount of code changes required
DNO/iDNO *Fungai Madzivadondo, 25/01/22*	• Design should be completed and approved before code drafting starts. They can't start the drafting of any consequential changes until the E2E detail design work is complete as a minimum. How long it will take to complete the drafting will depend upon the complexity of the changes that are required. The Faster Switching Programme timescales for consequential change would be a good benchmark to potentially use. Each code then will have its own change processes that would need to be followed. Usually these take about 6 months a minimum, but this does depend on how quickly Ofgem take to engage with the process. • Resources - The milestones need to be complete as soon as possible after the design has been approved and allow the maximum time available. There are concerns that the same resource is used for both Smart and the Faster Switching programme. We have concerns regarding the M5 date as DAG, who are required to sign off the documents, have yet to see any. We are also still awaiting confirmation on engagement with constituencies to ensure appropriate feedback and input. • Engagement - How does the programme intend for these code changes to be consulted upon with stakeholders? Is this intended to be via a programme group, something like the RDUG in faster switching, or is the intent for each Code to be raising their own modifications. This didn't seem clear from their documentation. If the intention is for each code to produce their own modifications there needs to be co-ordination across them to ensure that they are aligned. In either scenario I think we need clarity on how they intend to engage with us. • There seems to be an assumption in the plan that there is only one phase of code changes needed, after they have completed their detailed design phase. They may need another round of changes during the testing phase to accommodate any amendments and change requests that may arise. How do you intend to co-ordinate and accommodate this, again with a focus on how you would engage with stakeholders.
Supplier (I&C) *Andrew Green*	

Relevant outputs from previous CCAG meetings

Meeting summary from mid-month code body meeting 09/02

Key Discussion Items, 09/02	Drafting approach	• The MHHS Programme significantly impacts the REC and BSC, with lesser or consequential impacts to CUSC, DUCSA and SEC. Timelines should be driven by REC and BSC requirements. • Drafting should have a delayed start after the design baseline is approved. This is to enable time for code body assessment, for MHHSP design resource to transfer to code drafting, and to de-risk '12th-hour' design amendments. • Drafting should be completed offline by topic area and presented to the CDWG for input/review. • Drafting could begin as each artefact is approved, as opposed to waiting for design to be baselined, but this must be approached carefully given it is resource heavy and may result in code re-drafting
	Approval	• 'Mini-consultations' should be regularly undertaken by topic area over the whole drafting period. • Ofgem are to confirm if a final consultation is required as part of the Smart Meter Act Powers. • Consultation is to ensure the legal text reflects the design and not to re-open the merits of the design solution (design led).
	Releases	• It is likely to be too early to know how the code releases should be performed, although this needs to be built into the plan. • Due to dual system running, the code release process is very complex and will be over multiple releases, e.g. at least 3 stages, to introduce new arrangement text, transitional text and legacy text removal. This needs to be mapped out and lead times are taken into account in planning • The Programme needs to monitor code release traffic to avoid conflicting with other large/busy releases. • The Programme must consider sunrise and sunset clauses
	Go-live	• Go-live will be over a 12 month transition period, where two systems are dual running. • Code change implementation go-live is still to be agreed when and in what format, i.e., obligations, BSCPs and technical releases?

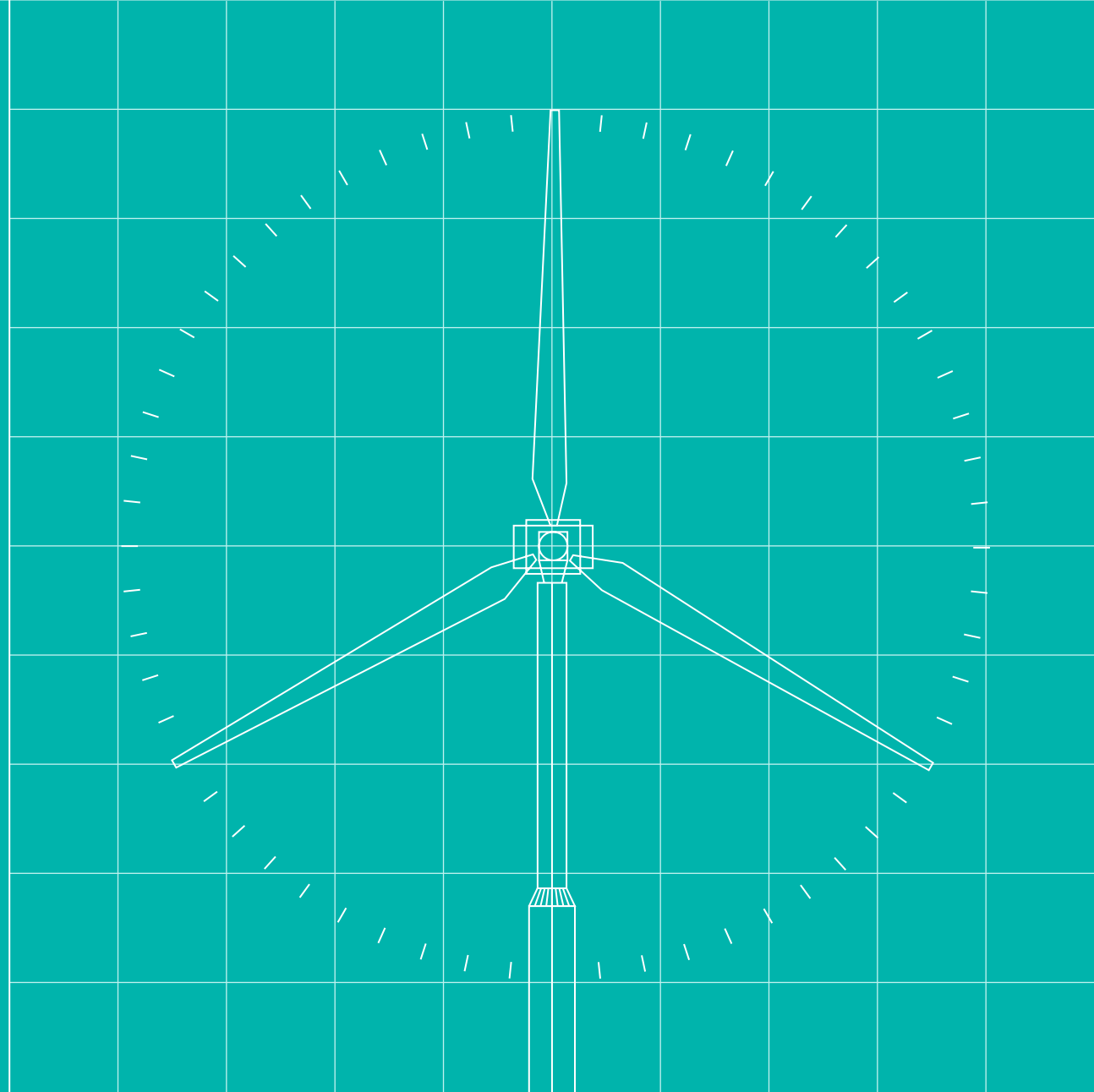**Previous CCAG meeting minutes:**

• 24 November 2021

• 26 January 2022

Please see the appendix for feedback from code bodies on M6 and M8 from the CCAG 26 January 2022

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Code Body Assumptions Review

PMO / Constituency Reps

20 mins

1. **CCAG members are asked to review the content of the assumptions** as submitted by each Code Body in advance of the CCAG 23/02/22

2. During the CCAG 23/02/22, **the Programme would like to get feedback and questions from CCAG members** on the assumptions presented by each Code Body. The intention is not to review each assumption in turn but to discuss assumptions by exemption

3. **The Programme will then take the assumptions and feedback away for review, validation and challenge**, ahead of submission to the programme RAID Management Framework

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CCAG assumptions* already in the Programme RAID Management Framework

RAID reference	Assumption detail	Assumption implications	Required action
A017	Content required for changes to industry codes as a result of MHHS will not be different from the content of the design. Code changes will be as a result of the design (design led)	If the content of required code changes is different from the content of the design, the design may need to be adjusted to reflect the code change or significant re-draft may be required	CCAG will monitor required code changes as a result of design and all code change requirements are covered in the design
A018	The Programme assumes code bodies will raise all relevant industry code changes that impact MHHS to the programme via the CCAG Code Change Horizon Scanning Log	If code bodies do not raise all relevant code changes to the programme, code changes that have implications for programme design or subsequent MHHS code change will not be considered and may result in rework	CCAG will have the Code Change Horizon Scanning log as a standing agenda item to ensure the process is consistently highlighted to code bodies. CCAG has developed a code change framework that places an action on code bodies to raise relevant changes
A015	The right level of engagement for design activities to deliver a robust and comprehensive design at M5	This could impact the ability to sign off M5	Monitor industry engagement and participation in design working groups and escalate to PSG and Ofgem if appropriate.

*Does not include higher level 'programme level' assumptions

Paul Mullen, 11/02/22

	Assumption description	Potential implications for the Programme	Action's required (to manage the assumption)
1	Assumption that end to end design will be signed off before we start code drafting	We discussed this at our meeting on 9 February – code drafting de-risked if end to end design is signed off	Confirmation of approach needed
2	Assumption that under the Smart Meter Act, Ofgem will direct the Code bodies to make the changes to the Codes and negate the need for Workgroups but a wider consultation would be needed	If the code Panels determine Workgroups are required, additional time in the programme needs to be factored in. Time will also need to be factored for an industry consultation (a Code Administrator Consultation is CUSC world, typically run for 15 working days).	Need clarification of the actual process (and timing) that Ofgem will follow Need to understand how long from end to end design being approved to getting drafting into the Codes
3	Assumption that CUSC charging changes will be implemented on 1 April and sufficient lead time is built in ahead of implementation	Mid-year tariff changes only in exceptional circumstances and provide market uncertainty	Understand how this impacts other Codes timings
4	Dependency: MWHH solution needs to be linked to other Access and Forward Looking Charges SCR and potential TNUoS reform	Without understanding this up front, risk that work has to be re-done	Clarity need from Ofgem policy teams as to how it all links together. Need to understand all timings and ensure it is all deliverable and planned in the round

DCUSA assumptions

John Lawton, 10/02/22

Assumption reference number	Assumption description	Potential implications for the Programme	Actions required (to manage the assumption)
DCUSA/A1	Legal text to be drafted in conjunction with the DAG level 4 working groups.	DAG design needs to be signed off before work can commence (is this for each process or all processes?) DAG L4 completion dates need to be known An understanding of which processes are being dealt with by each subgroup needs to be known Resource availability unknown if start date unclear (DCUSA workload is significant from April to July on the Access and Forward-Looking Charges proposed change proposals).	Seek feedback for the Programme Seek feedback for the Programme Seek feedback for the Programme Review once milestone plan is known
DCUSA/A2	All references to NHH market and associated BSC references associated with it to be removed from the code.	An agreement across codes on how to deliver this is required (sunset clauses or a clear out post transition period) An understanding of what the processes are for those customers who don't move and whether this has implications for each code.	Agree with code bodies at CCAG
DCUSA/A3	DCUSA changes are not considered to be on the critical path	This may be false for some of the programme milestones e.g. initial draft if this occurs during April – July 2022 as per the above assumption.	Review once milestone plan known
DCUSA/A4	Appropriate industry resources attend the DAG L4 working groups	Incomplete design Code change cannot be completed	Continue to promote the awareness of the MHHS approach being different to other SCRs at various fora. Attend/review minutes of each L4 meetings (ENA, DCUSA WGs, Panel meetings)
DCUSA/A4	There will be no impact on DUoS Tariffs	If false, then lead time of 15 months required from tariff production (this is 18 months to cater for modelling work and distributor tariff approvals)	To be reviewed post design signoff
DCUSA/A5	The SCR on DUoS does not affect development of code work	Rework of code work	Monitor Ofgem stance on DUoS SCr requirement and timescales

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BSC assumptions

Lawrence Jones, 14/02/22

	Assumption description	Potential implications for the Programme	Action's required (to manage the assumption)
A1	MHHS Programme will draft the changes to the BSC and its subsidiary documents	Resource required to do the drafting	
A2	Elexon Participant will review and collaborate on drafting of BSC document changes	Co-ordination needed to Elexon Participant	
A3	Code drafting will not start until Design is approved	Code drafting timelines	
A4	Detailed plan for drafting/reviewing code changes is required before we are able to commit to work	Detailed plan required	
A5	Design artefacts will be sufficient to draft code changes	Design artefacts should facilitate code drafting	

	Dependency description	Potential implications for the Programme	Action's required (to manage the dependency)
D1	Design artefacts will drive code drafting	Until full list of design artefacts is complete the mapping between design artefacts and code documents cannot be completed to inform the code drafting plan	
D2	Elexon Participant is dependent on Programme drafting BSC code changes	Resources	

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REC assumptions

Jon Hawkins, 15/02/22

|	Assumption description	Potential implications for the Programme	Action's required (to manage the assumption)
1	Code drafting activity will commence after the design has been baselined (M5)	The full end-to-end design will be baselined at a later date to the physical design baseline being made available	Agreement and confirmation of new code drafting milestones and for these to be reflected in the re-baselined programme plan
2	The physical design baseline will require further impact assessment to identify impacts on wider REC governance and REC Service Providers	The full end-to-end design will be baselined at a later date to the physical design baseline being made available	Agreement and confirmation of new code drafting milestones and for these to be reflected in the re-baselined programme plan
3	There may be impacts to the Central Switching Service (CSS) and Electricity Enquiry Service (EES) as a result of the MHHS TOM and design baseline that require impact assessment (e.g. removal of Data Collector/Data Aggregator roles, addition of Data Service roles)	Impacts to the CSS and EES may not be fully agreed as part of the physical design baseline and will need to be reflected in the REC code drafting	Agreement and confirmation of new code drafting milestones and for these to be reflected in the re-baselined programme plan
4	All processes relating to the Metering Service in the MHHS TOM and design baseline will be defined and governed in the REC	None	Alignment of code drafting to ensure there is no duplicate governance between the BSC and REC
5	New data items and market participants being added to Electricity Enquiry Service will require a review of data permissions relating to these changes	Potential that assumptions made in the design are not reflected in the data permissions if these are not clearly captured	If there are requirements for particular market participants to access data items through the EES this will need to be set out clearly in the design if required to support MHHS
6	There will be an opportunity to make changes to the physcial design baseline through a change control process if issues are identified that require updates to the design	Changes to the design may be required after this is baselined	Change control process to be completed and made live
7	Multiple versions of code drafting will be required to align with certain transition milestones	Code drafting milestones will need to be phased to align with transition milestones rather than a single 'big bang' approach	Agreement on the required changes needed for each timescale and the approach for making these changes (smart meter act, authority-led mod, self-goverannce mod, etc.)
8	RECCo and the Code Manager will be consulted on changes impacting REC services and goverannce throughout the operation of the programme	Direct engagement with programme participants that are REC service providers will require engagement with RECCo / the Code Manager as well	Agreement of ways of working with impacted REC service providers once impact assessments have concluded.
9	The REC Code Manager will be informed in good time of changes required to the Data Specification by other code bodies as a result of MHHS	Consequential changes to other codes either creating, amendment or removing data from the Data Specification will require engagement from the REC Code Manager to plan these amendments	Specific oversight of Data Specification changes in code drafting through either CCAG or DAG
10	Functional and non-functional requirements for central systems and services will be available to the REC	Ensure technical documentation is available to programme participants via the Portal or another means	Ensure technical documentation is available to programme participants via the Portal or another means
11	The programme test strategy and test plan will be required to complete the final impact assessment for REC Service Providers that are required to participate in testing	Full costs of design, build and test will not be known until the testing requirements are finalised	Produce testing requirements in good time to allow impact assessments to complete
12	Changes to the design baseline once design, build and test has commenced will require further impact assessment of impacted REC Service Providers	Programme change control process will need to be cognisant of requirement for additional PIAs and FIAs from programme participants and service providers	Programme change control process will need to be cognisant of requirement for additional PIAs and FIAs from programme participants and service providers

SEC assumptions

Rosie Knight, 15/02/22

Ref	Assumption description	Potential implications for the Programme	Actions required (to manage the assumption)
1	The MP162 modification was developed ahead of the MHHS design being finalised. Assumptions had to be made within the modification based on the TOM. This could be classed as a risk but we have added it for completeness.	There is a risk that changes to the end-to-end industry solution being refined could cause changes to the modification solution. The DCC has developed its solution based on a set of assumptions on the intended use cases – if these are incorrect, additional SEC changes may be needed. Further changes to the SEC may be identified following the completion of the DCC Impact Assessment and the finalisation of the MP162 legal text.	A further modification may be required to catch any changes that MP162 has not. Consistent communication and updates with affected parties.
2	Assumption that any changes regarding MDR TRTs will be progressed as a separate mod, and not forced into MP162 –avoiding delaying MP162. The DCC has only assessed the increased capacity needed for MHHS under MP162, if TRTs change this will need to be included in new mod.	Further changes to the SEC.	Additional modification required.
3	Changes to the design after March 2022 will not be captured by MP162 and may not be ready for the MHHS programme service start	Delays to programme milestones	Further modifications will be required to capture any design impacting changes that MP162 has not.
4	The mapping of the MDR Party to MPAN Registration data is expected to be passed to the DCC via the CSS. MP162 expect changes to be made to registration data; this will be managed in MHH Programme via changes to other Codes, in particular the REC, and MP200 within the SEC.	If the MHHS programme is not ready, then the DCC cannot test and validate the 'MDR' User Role. The DCC shall validate and authorise the 'MDR' User Role against Industry Registration data to check in the same manner as the existing Registered Supplier Agent User Role Validation Check.	Monitor and align development through programme CCAG.
5	SEC / MP162 will be reliant on other Code changes being developed and implemented on time (e.g., for DCC testing), to ensure completeness of design and alignment with MHH timescales	Delays to MP162 and SEC changes.	Monitor and align development through programme CCAG.
6	Assumption of MP162 being successfully signed off and implemented by Nov 2023, so decision to be approved must be before 30 June 2022	Delays to programme milestones	Close monitoring and updates
7	MP162 is being developed and implemented ahead of other Code changes. An assumption will be made as to consistency of legal text across other Codes. A specific example is the SEC legal text assuming that the term 'Meter Data Retrieval Agent (MDRA) is the term being used for the role and is being defined in the BSC. SECAScan't draft these changes under the SEC until the requirements around these are confirmed under the programme, so these are likely to need a mop-up mod unless we get a final firm view in the next 4-6 weeks	SEC MP162 legal text changes may not be consistent with other Codes.	Further SEC modification raised as a housekeeping change to align with other Code legal text, e.g., Implementation of MHHS will see the Meter Operator changing to something like 'Metering Service Smart Agent' in the BSC/REC. Profile Class is likely to disappear under MHHS, however makes several appearances within the SEC, etc.

Horizon Scanning

Andrew Margan

15 mins
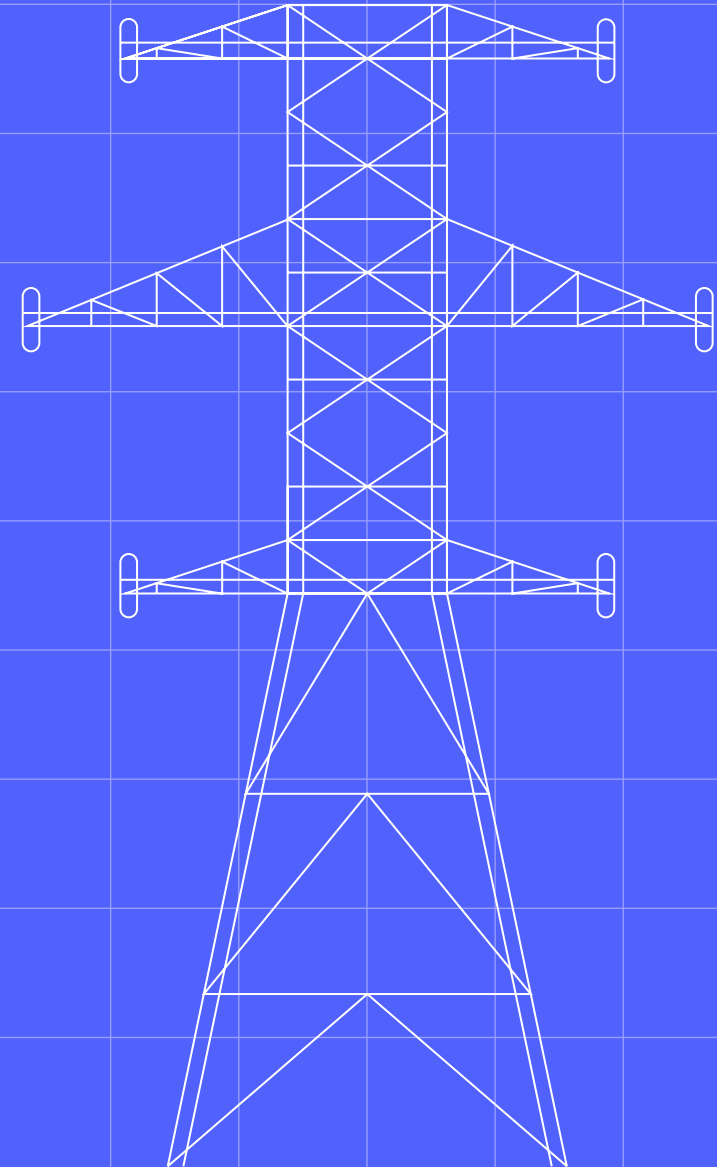
Update on the Horizon Scanning Process

- The Programme has proposed using the CACoP Central Modifications Register data format as the basis for the MHHS Code Change Horizon Scanning log
- This was discussed at the mid-month Cody Body meeting. Code Bodies agreed this was a good approach, with some additions to the CACoP template to capture additional areas relevant to MHHS
- Code Bodies are to submit any new or updated code modifications to the PMO (PMO@mhhsprogramme.co.uk) alongside monthly CACoP submissions
- The PMO will hold the log for internal review by the Programme and to share as a standing agenda item at each CCAG. The Log will also be available on the Programme Portal

For discussion today

1. Review content of the Code Change Horizon Scanning Log
2. Discuss discrepancies between CACoP and MHHS (e.g., some relevant CACoP entries saying '*No*' for '*Impacts an SCR?*')
3. Receive updates from CCAG members on:
   1. P432 and P434 - *Lawrence Jones*
   2. MP162 - *DCC/SEC*
4. What approach should the Programme follow to capture license changes?

Next Steps

Chris Welby

5 mins

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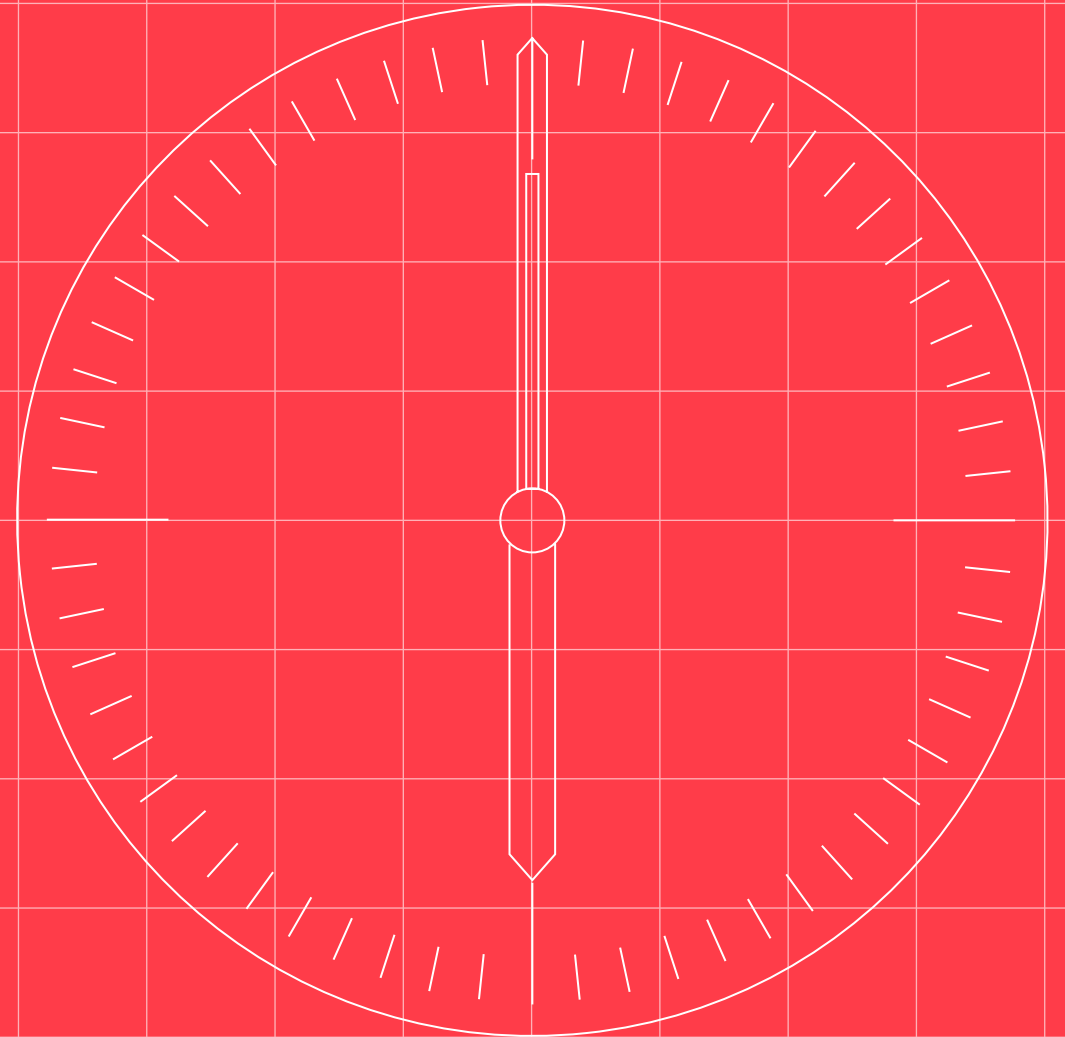
Next steps

- **Confirm actions from the meeting**

- **CCAG Agenda Roadmap – CCAG dates and planned agendas:**

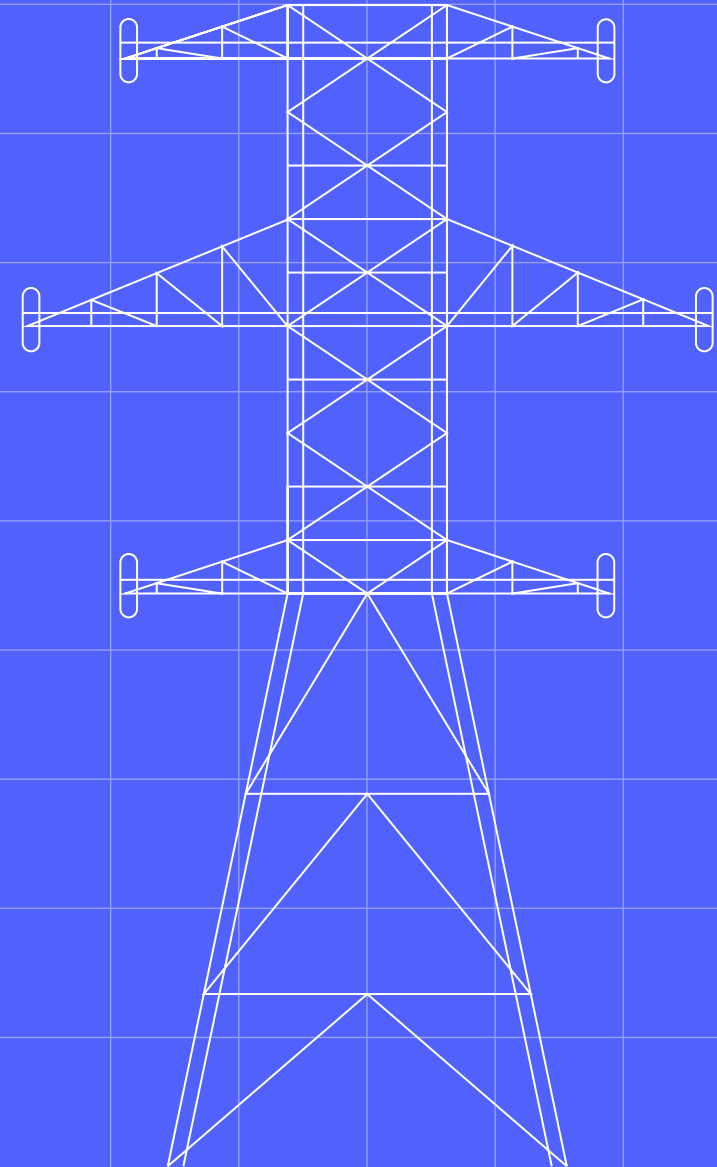| Meeting dates	23-Feb	23-Mar	27-Apr	25-May	22-Jun	26-Jul
Relevant milestone or activities			M5, M6		M7	
Agenda items	• Smart Metering Act Powers • CCAG Feedback on M6 & M8 • Code Body Assumptions review	• Code drafting resource planning • Dependency between design completion and code drafting • Programme view on M6 & M8	• Level 4 WG ToR agreed • Mechanics & CCAG role in Smart Meter Act powers • Code release positions	• Approve programme resource model for drafting codes • Approve code release strategy • L4 WG planning	• Start L4 workgroups (subject to M5)	
Standing items	• Minutes & actions • Agenda roadmap • Horizon scanning log	• Minutes & actions • Agenda roadmap • Horizon scanning log	• Minutes & actions • Agenda roadmap • Horizon scanning log	• Minutes & actions • Agenda roadmap • Horizon scanning log	• Minutes & actions • Agenda roadmap • Horizon scanning log • Working group highlight report	• Minutes & actions • Agenda roadmap • Horizon scanning log • Working group highlight report

If you would like to request agenda items for the CCAG, please contact the PMO at PMO@mhhsprogramme.co.uk

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Thank you

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Appendices

- Code body feedback on M6 and M8 from CCAG 26/01

Current timescales

2022												**2023**											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
			M5: Physical baseline delivered																				
			M6: Code change and detailed design recommendations delivered																				
				M7: Smart Meters Act powers enabled																			
										M8: Code changes delivered													
																			M9: System integration testin				

Proposed timescales

2022												**2023**											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
			M5: Physical baseline delivered																				
			Code Drafting																				
					Impact Assessment																		
							Refinement																
									M6: Code change and detailed design recommendations delivered														
				M7: Smart Meters Act powers enabled																			
														M8: Code changes delivered									
																			M9: System integration testin				

RETAIL ENERGY CODE

CODE DRAFTING MILESTONES

- Drafting of Code changes is dependent on Milestone 5 (Physical Design Baselined). Code drafting will need to commence following the achievement of this milestone.

- Impact to Service Providers must follow formal impact assessment to confirm the required code changes for REC Services.

- Outputs of the Impact Assessment may impact the legal drafting, requiring updates to the code changes.

Other questions

- When do code changes need to become effective? Before/start of migration? `One way gate (M14)? Full transition?

- If more than one set of code changes is required, do the milestones relate to all versions, or are separate milestones required for each version?

Elexon BSC – Milestone 6 to 8 (as presented at January 2022 CCAG)

- Our preference would be for the drafting to be submitted for approval between **August 2022 and October 2022**, with a preference to implement in the standard **November 2022 release** (3 Nov 22) and no later than **Christmas 2022**

- We assume MHHS legal text can be completed **by 30 June 2022**
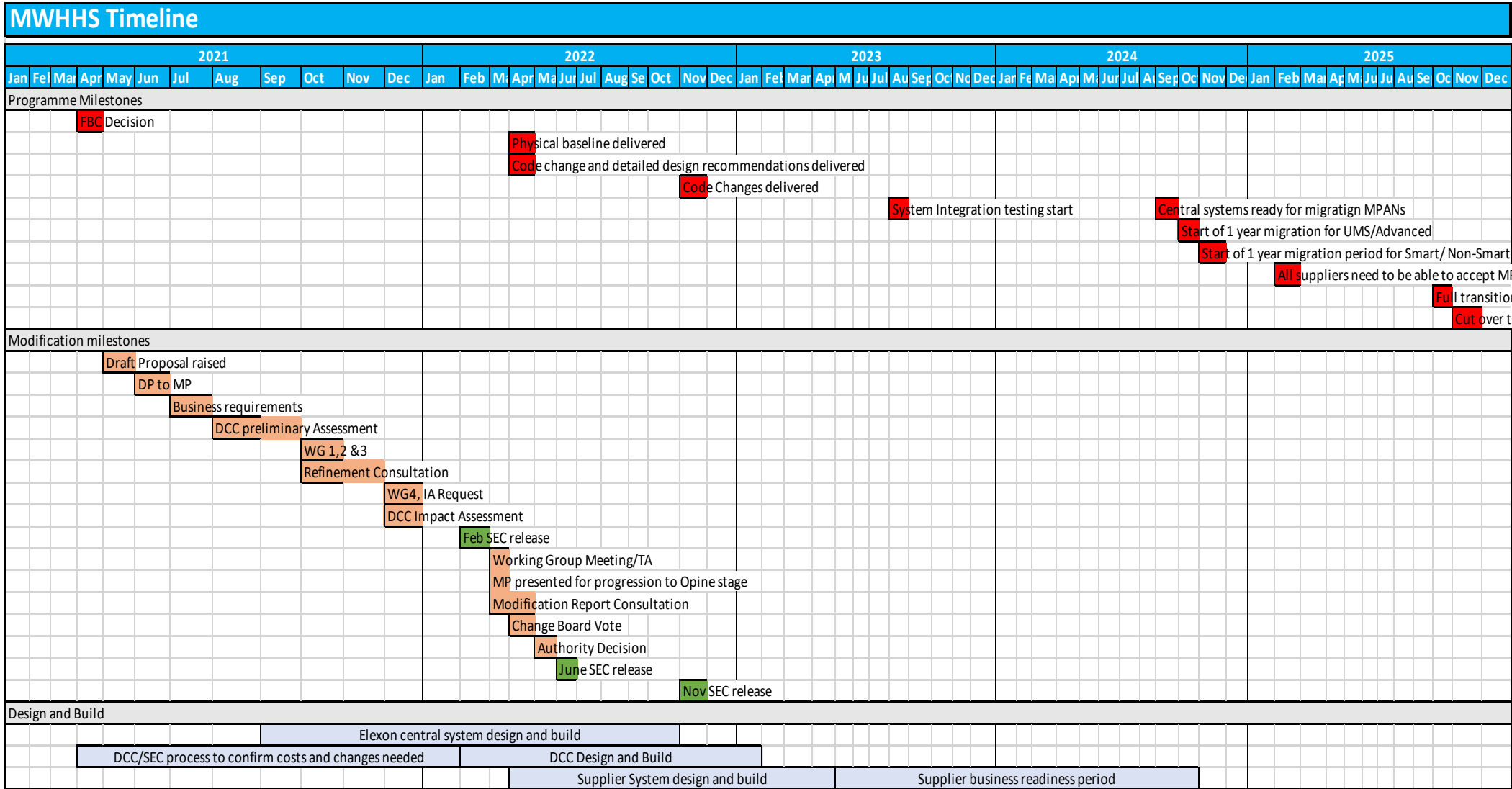 - This is qualified on the basis that we do not have a good understanding of which documents will be done when
  - Detailed document plan required

- The longer the period between drafting and approval and approval and implementation the higher the risk that more work will be required (to re-baseline and resolve any manifest errors, conflicts or errors) – we have seen this with P420 (REC V2.0)

- Standard June 22 Release (73 docs impacted) is already full and REC V3.0 changes (19 docs impacted) expected July 22

- We need 4-8 weeks to review and re-baseline MHHS drafting (on top of June 22 and REC V3.0 baselines) – not expected to be a blocker on the assumption REC V3.0 will be approved by May 2022

- High likelihood of issues if try to implement between Christmas 22 and Standard Feb 23 Release (March 23 next earliest implementation for MHHS if not implemented before Christmas 22)

- November 22 Release currently has no approved changes, is date industry is use to working towards and would allow more efficient use of resources (we would propose to allocate changes to Nov 22 by exception)

- Implementation of all documents expected to take minimum 4 weeks

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar

M6: Drafting

- M6 milestone?
- Standard June 22 Release

M8: Drafting submitted for approval and approved

1st implementation window

2nd implementation window

REC V3.0?

Standard Feb Release

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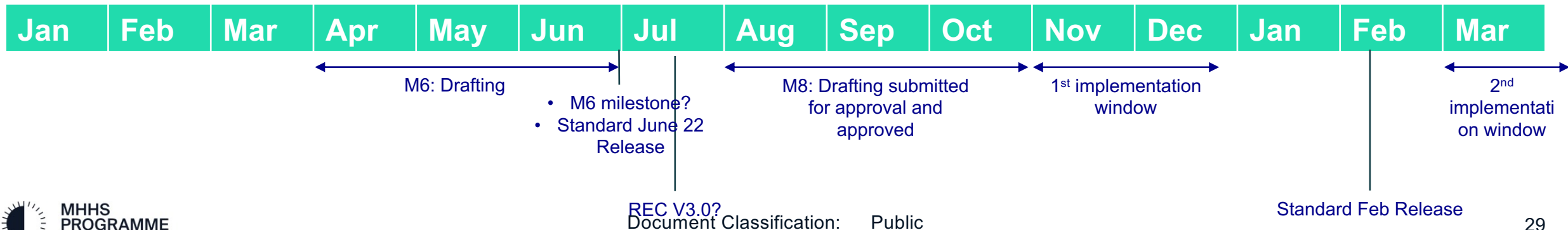
SECAS – MP162 Change Timeline (as presented at January 2022 CCAG)

MWHHS Timeline

Years: 2021, 2022, 2023, 2024, 2025 (monthly columns Jan–Dec)

Programme Milestones
- FBC Decision
- Physical baseline delivered
- Code change and detailed design recommendations delivered
- Code Changes delivered
- System Integration testing start
- Central systems ready for migratign MPANs
- Start of 1 year migration for UMS/Advanced
- Start of 1 year migration period for Smart/ Non-Smart
- All suppliers need to be able to accept MPANs under the new TOM (one way gate)
- Full transition complete
- Cut over to new settlement timetable

Modification milestones
- Draft Proposal raised
- DP to MP
- Business requirements
- DCC preliminary Assessment
- WG 1,2 &3
- Refinement Consultation
- WG4, IA Request
- DCC Impact Assessment
- Feb SEC release
- Working Group Meeting/TA
- MP presented for progression to Opine stage
- Modification Report Consultation
- Change Board Vote
- Authority Decision
- June SEC release
- Nov SEC release

Design and Build
- Elexon central system design and build
- DCC/SEC process to confirm costs and changes needed
- DCC Design and Build
- Supplier System design and build
- Supplier business readiness period

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Document Classification: Public

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