

DIP CR Consultation

DCR0003 'DIP On-Boarding and requirements clarifications'

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About This Document

You can find the definitions of the terms and acronyms used in this document in the [DIP Glossary](#)¹.

The purpose of this Data Integration Platform (DIP) Change Request (CR) Consultation is to invite DIP Users and other interested parties to provide their views on the impacts and the merits of DCR0003. The DIP Manager will then consider the consultation responses before making a decision on whether or not to approve DCR0003.

There are ten parts to this document:

- This is the main document. It provides a summary of the solution, impacts, anticipated costs, and proposed implementation approach.
- Attachment A contains the DIP CR proposal form.
- Attachments B-G contain the proposed redlined changes to deliver the DIP CR solution.
- Attachment H contains a DIP On-Boarding traceability matrix, which cross references the MHHS programme requirements, DIP Assessment Criteria and the DIP Rules.
- Attachment I contains the specific questions on which we seek your views. Please use this form to provide your response to these questions, and to record any further views or comments you wish to be considered.



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¹ <https://bscdocs.elexon.co.uk/data-integration-platform/dsd007-dip-glossary>

1. Summary



Not sure where to start?

We suggest reading the following sections:

- Have 5 minutes? Read section 1
- Have 15 minutes? Read sections 1, and 4
- Have 30 minutes? Read all sections
- Have longer? Read all sections and the annexes and attachments

Background and Issue

DIP Users must undergo DIP On-Boarding checks before they can access the DIP. These checks are conducted by the DIP Manager, who adheres to the DIP Rules. The [DIP Assessment Criteria](#)² have been approved and published via MHHS Programme routes, however, the DIP On-Boarding requirements are not clearly outlined in the DIP Rules. This creates a risk of prospective DIP Users being unprepared for or confused by DIP On-Boarding, which could impact Market-wide Half Hourly Settlement (MHHS) Qualification.

Solution

This DIP CR proposes to detail the DIP On-Boarding Assessment Criteria within the DIP Rules, to ensure that the requirements are clear for DIP Users. This will involve amendments to the DIP Rules to ensure clear alignment with the agreed MHHS design.

Impacts and costs

There are no new requirements being placed on DIP Users, and therefore no DIP User system impacts. There will be a positive impact on potential DIP Users, as this DIP CR will provide extra clarity for those going through DIP On-Boarding.

Cost Estimates

Organisation	Implementation (£)	On-going (£)	Impacts
DIP Manager	<3k	N/A	Updating six DIP documents
Industry	N/A	N/A	No new requirements for DIP Users
Total	<3k	0	

DIP CR Progression

This DIP CR will be progressed as a Tier Two DIP CR, as there are no material impacts.

DIP Manager recommends an Implementation Date of **five working days following DIP Manager decision**. This will allow the benefits to be realised as soon as possible and mitigate the risk of confusion for those undertaking MHHS Qualification.

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²

<https://www.mhhsprogramme.co.uk/api/documentlibrary/Qualification/DIP%20Assessment%20Criteria%20for%20MHHS%20Qualification.pdf>

2. Background and Issue

What is the issue?

As the DIP Manager, Market-wide Half Hourly Settlement (MHHS) Programme and other stakeholders have collaborated it has become clear that the DIP Rules require some clarification to ensure that they are helpful and clear for prospective DIP Users regarding DIP On-Boarding.

The DIP Rules were drafted with the enduring arrangements in mind. However, as we have worked with colleagues across the MHHS Programme it has become apparent that further detail is required to facilitate MHHS Qualification (See [BSC Section C](#)³).

Similarly, as the MHHS Programme has evolved, and we have worked further with the Code Bodies, how we carry out different DIP On-Boarding checks has evolved. We think prospective DIP Users would benefit from greater clarity in the DIP Rules on how the DIP Manager intends to check that DIP Users are ready to use the DIP.

Additionally, following review of the requirements detailed in the DIP Rules in [DSD002 Annex 2 'Detailed DIP Operational Requirements'](#)⁴, it has been determined that amendments are required to ensure clarity and alignment with the MHHS Programme DIP design. The Non-Functional Requirements (NFRs) in [MHHS-E2E002](#)⁵ and the interface usage requirements and responsibilities from the [Interface Code of Connection](#)⁶ need to be reflected in the DIP Rules.

Not updating the DIP Rules could result in prospective DIP Users potentially being unclear on how their readiness will be assessed and what will be required from them as part of those checks. Additionally, any disparity between the DIP Rules and MHHS design documents could cause confusion for DIP Users.

Background

MHHS requires parties to qualify for the arrangements. Code Bodies, such as the Balancing and Settlement Code (BSC) and Retail Energy Code (REC), are responsible for MHHS Qualification. To qualify for MHHS, parties that have Coe obligations that require them to use the DIP must be On-Boarded to the DIP; it is a prerequisite of Qualification. However, the DIP Managers' vires to place obligations on prospective DIP users as part of MHHS Qualification before M10 is not clear in the DIP Rules, though it is via BSC Section C and the MHHS Qualification approach and plan.

The DIP Assessment Criteria, considering both enduring operation and MHHS Qualification, have been agreed through discussion with the MHHS Programme and Code Bodies. The DIP Manager will check prospective DIP Users preparedness as part of DIP On-Boarding through:

- Self-testing – this equates to Pre-Integration Testing (PIT) in the MHHS Programme;
- Self-assessment – this equates to the Qualification Assessment Document (QAD) in the MHHS Programme; and
- Testing in the non-Production Environment – this equates to System Integration Testing (SIT) and Qualification Testing (QT) in the MHHS Programme.

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³ <https://bscdocs.elxon.co.uk/bsc/bsc-section-c-bscco-and-its-subsidiaries#section-c-12-12.2>

⁴ <https://bscdocs.elxon.co.uk/data-integration-platform/dsd002-annex-2-detailed-dip-operational-requirements>

⁵ <https://www.mhhsprogramme.co.uk/api/documentlibrary/Design Documents/MHHS-E2E002 Requirements v3.5.xlsx>

⁶ <https://www.mhhsprogramme.co.uk/dip/interface-code-of-connection-and-pki-certificate-policy>

The DIP Rules as drafted during [Issue 101 'Ongoing Governance, Funding and Operation of the Market-wide Half Hourly Settlement \(MHHS\) Data Integration Platform \(DIP\) by BSCCo'](#)⁷ and subsequently [P474 'Ongoing governance, funding and operation of the Data Integration Platform \(DIP\)'](#)⁸ reflected the thinking of the time. Industry stakeholders were consulted and agreed on the drafted DIP Rules at the time. As collaboration with Code Bodies and the MHHS Programme has intensified, the DIP On-Boarding checks and vires have evolved. In turn, the DIP Rules need to be adapted to reflect this.

For clarity, the existing arrangements will not prevent anyone from being able to use the DIP, the changes proposed here are intended to further mitigate the risk of prospective DIP Users being unprepared for or confused by DIP On-Boarding.

Desired outcomes

This DIP CR aims to provide clarity to prospective DIP Users around the DIP On-Boarding process for enduring operation and MHHS Qualification. The intention is to clearly align the DIP Rules with the agreed MHHS design and Qualification processes. This will reduce the risk of issues for potential DIP Users.

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⁷ <https://www.elexon.co.uk/bsc/smg-issue/issue-101/>

⁸ <https://www.elexon.co.uk/bsc/mod-proposal/p474/>

3. Solution

Proposed solution

This DIP CR proposes to amend the DIP Rules to:

- Clarify that the DIP Manager has vires to assess readiness ahead of M10;
- Clearly display the DIP On-Boarding criteria;
- Categorise how each criteria can be met and how the DIP Manager will work with Code Bodies to ensure requirements are met;
- Add reference to testing undertaken as part of MHHS Programme and associated MHHS Qualification approaches and plans;
- Rename DSD002 Annex 1 to reflect the fact that it contains all DIP On-Boarding checks, not just non-functional;
- Clarify the requirements in DSD002 Annex 2 to clearly reflect the NFRs and Interface Code of Connection; and
- Define MHHS Qualification.

Proposer's rationale

The proposed solution will provide extra clarity for those going through DIP On-Boarding. It will also ensure consistency between MHHS Qualification and enduring DIP On-Boarding arrangements. This solution will ensure that the DIP On-Boarding process is optimised to support the wider MHHS Qualification requirements.

DIP CR Consultation Question

Do you agree with the DCR0003 proposed solution?

Please provide your rationale.

We invite you to give your views using the response form in Attachment I

Proposed redlining

The following table summarises the proposed redlining updates. Any references to E2EXXXX numbers relate to the MHHS design NFRs detailed in [MHHS-E2E002](#)⁹. Housekeeping updates have also been made throughout the documents, including fixing numbering issues, formatting corrections and capitalisations.

Summary of redlining updates	
DIP Document	Updates
DSD001 'Governance' ¹⁰ (Attachment B)	<ul style="list-style-type: none"> 3.1 – clarification that the DIP Manager has vires to assess DIP On-Boarding readiness in support of MHHS Qualification.
DSD001 Annex 1 DIP Rules Implementation Dates and Transition Arrangements ¹¹ (Attachment C)	<ul style="list-style-type: none"> 2.3 and 2.4 – clarification of effective date of DSD002 in relation to MHHS Qualification; 3.3 – update to title of DSD002 Annex 1; 3.3 – clarification that DIP Users can be promoted to the production environment prior to completing Industry Code Qualification during MHHS Qualification.
DSD002 'DIP Connection and Operation' ¹² (Attachment D)	<ul style="list-style-type: none"> 2.1 – clarification that DIP On-Boarding will be required for MHHS Qualification; 2.5 – clarification that DIP Users must follow directions from DIP Manager in relation to DIP On-Boarding as part of MHHHS Qualification; 2.1 – removal of references to “non-functional” checks, to align with the renaming of DSD002 Annex 1; 2.1 – clarification that collaboration between DIP Manager and Industry Codes in relation to On-Boarding checks applies to MHHS Qualification also; 2.1 – clarification that DIP Connection Providers (DCPs) may carry out checks on behalf of DIP Applicant; 2.1.4 – clarification that the requirement to complete Industry Code Qualification prior to promotion to the production environment does not apply during MHHS Qualification.

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⁹ <https://www.mhhsprogramme.co.uk/api/documentlibrary/Design Documents/MHHS-E2E002 Requirements v3.5.xlsx>

¹⁰ <https://bscdocs.elaxon.co.uk/data-integration-platform/dsd001-dip-governance>

¹¹ <https://bscdocs.elaxon.co.uk/data-integration-platform/dsd001-annex-1-dip-rules-implementation-dates-and-transition-arrangements>

¹² <https://bscdocs.elaxon.co.uk/data-integration-platform/dsd002-dip-connection-and-operation>

Summary of redlining updates

DIP Document	Updates
DSD002 Annex 1 'DIP On-Boarding Non-Functional Checks' ¹³ (Attachment E)	<ul style="list-style-type: none"> 1.1 – updates to align self-assessment with the MHHS Qualification Assessment Document¹⁴ (QAD); 1.2 – added to detail DIP User requirements assessed via self-testing in alignment with the DIP Assessment Criteria¹⁵; 1.3 – added to detail DIP User requirements assessed via DIP Manager testing in alignment with the DIP Assessment Criteria.
DSD002 Annex 2 'Detailed DIP Operational Requirements' ¹⁶ (Attachment F)	<ul style="list-style-type: none"> 9.1 – text added to clarify that senders must have the capability to control the number of messages sent within each API call (E2E0101); 9.7 – clarification that duplicate messages should be identifiable using the Sender Unique Reference and/or Transaction ID (E2E0204 and E2E0205); 9.14 and 9.15 – updates to reflect the Interface Code of Connection¹⁷; 11.3 – addition of DIP User synchronous response requirements (E2E1003).
DSD007 'DIP Glossary' ¹⁸ (Attachment G)	<ul style="list-style-type: none"> Addition of definition for MHHS Qualification.

DIP CR Consultation Question

Do you agree that the draft redlining delivers the DCR0003 proposed solution?
If 'No', please provide your rationale.

We invite you to give your views using the response form in Attachment I

¹³ <https://bscdocs.elexon.co.uk/data-integration-platform/dsd002-annex-1-dip-on-boarding-non-functional-checks>

¹⁴ https://www.mhhsprogramme.co.uk/uploads/4c588665-463b-491f-ad97-4497db486c57/MHHS-DEL2296_Qualification_Assessment_Document_v5.0.pdf

¹⁵ <https://www.mhhsprogramme.co.uk/api/documentlibrary/Qualification/DIP%20Assessment%20Criteria%20for%20MHHS%20Qualification.pdf>

¹⁶ <https://bscdocs.elexon.co.uk/data-integration-platform/dsd002-annex-2-detailed-dip-operational-requirements>

¹⁷ <https://www.mhhsprogramme.co.uk/dip/interface-code-of-connection-and-pki-certificate-policy>

¹⁸ <https://bscdocs.elexon.co.uk/data-integration-platform/dsd007-dip-glossary>

4. Impacts and Costs

DIP User impacts

The DIP CR will not impact DIP Users as it simply seeks to align the DIP Rules with the MHHS design, which prospective DIP Users have built to. There are no new obligations created and therefore no impact to DIP User systems.

There will be a positive impact on that this DIP CR will provide additional clarity for those going through DIP On-Boarding and should mitigate the risk of prospective DIP Users being unprepared for or confused by DIP On-Boarding.

DIP impacts

This is a document only change. It will have no DIP system impacts.

Impact on DIP Rules	
DIP Document	Impact
DSD001	Amended as per Attachment B
DSD001 Annex 1	Amended as per Attachment C
DSD002	Amended as per Attachment D
DSD002 Annex 1	Amended as per Attachment E
DSD002 Annex 2	Amended as per Attachment F
DSD007	Amended as per Attachment G

DIP Manager Impacts

There are no anticipated impacts to the DIP Manager other than the effort required to implement the document updates.

Industry Code impacts

There are no anticipated impacts to other Industry Codes or any changes to Industry Codes that are in progress.

DIP CR Cost estimation

As DCR0003 intends to align the DIP Rules with the MHHS Programme design there are no expected costs to industry.

The only cost will be for the DIP Manager, associated with the DIP document updates.

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Cost Estimates			
Organisation	Implementation (£)	On-going (£)	Impacts
DIP Manager	<3k	N/A	Updating six DIP Subsidiary Documents and Annexes
Industry	N/A	N/A	No new requirements for DIP Users
Total	<3k	0	-

DIP CR Consultation Question
<p>Will DCR0003 impact your organisation?</p> <p><i>If 'Yes', please provide a description of the impact(s) on your organisation and any activities which you will need to undertake between the approval of DCR0003 and the DCR0003 Implementation Date (including any necessary changes to your systems, documents and processes). Where applicable, please state which of the roles that you operate as will be impacted and any differences in the impacts between each role.</i></p>
<p>Will your organisation incur any costs in implementing DCR0003?</p> <p><i>If 'Yes', please provide details of these costs, how they arise and whether they are one-off or on-going costs.</i></p>
<p>We invite you to give your views using the response form in Attachment I</p>

Applicable DIP Objectives

The DIP Manager believes that this DIP CR will have the following impacts on the Applicable DIP Objectives:

Impacts to Applicable DIP Objectives		
Applicable DIP Objective	Impact	Rationale
(a) Provide accurate and timely support for the sharing of applicable market data.	Positive	The DIP Manager must ensure that all DIP Users are ready to use the DIP before they are promoted to the Production Environment. DCR0003 will ensure the DIP Managers has the full vires to do this and will give prospective DIP Users clarity on how this will be checked.
(b) Further consumer interests through the appropriately governed sharing of data.	Neutral	-
(c) Facilitate competitive change and innovation through the efficient and economic delivery of reliable and adaptable services.	Neutral	-

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5. DIP CR Progression



DIP CR Materiality Criteria?

The criteria for a DIP CR to be considered as material, and therefore a Tier One DIP CR, includes:

- an implementation cost greater than £500,000 for the DIP Manager and/or £250,000 for DIP Users
- placing new obligations on DIP Users and/or the DIP Manager that will require a change to the DIP User's business operating model
- an Implementation Date more than 24 months after the date on which the decision is made.

Change Tier

The DIP Manager believes that DCR0003 does not meet the materiality criteria and should therefore be considered a Tier Two DIP CR.

Progression Timeline

Progression Timetable	
Event	Date
Initial Assessment published	11 June 2025
Industry Consultation (15 WD)	13 June 2025 – 3 July 2025
Final Assessment published	7 July 2025
Decision published	22 July 2025
Proposed Implementation Date	Five Working Days following decision

Implementation

The DIP Manager believes that this DIP CR should be implemented as soon as possible, so that the benefits can be realised. As such, the DIP Manger initially recommends an Implementation Date for DCR0003 of five working days after decision.

DIP CR Consultation Question

Do you agree with the proposed implementation approach for DCR0003?

Please provide your rationale.

We invite you to give your views using the response form in Attachment I

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