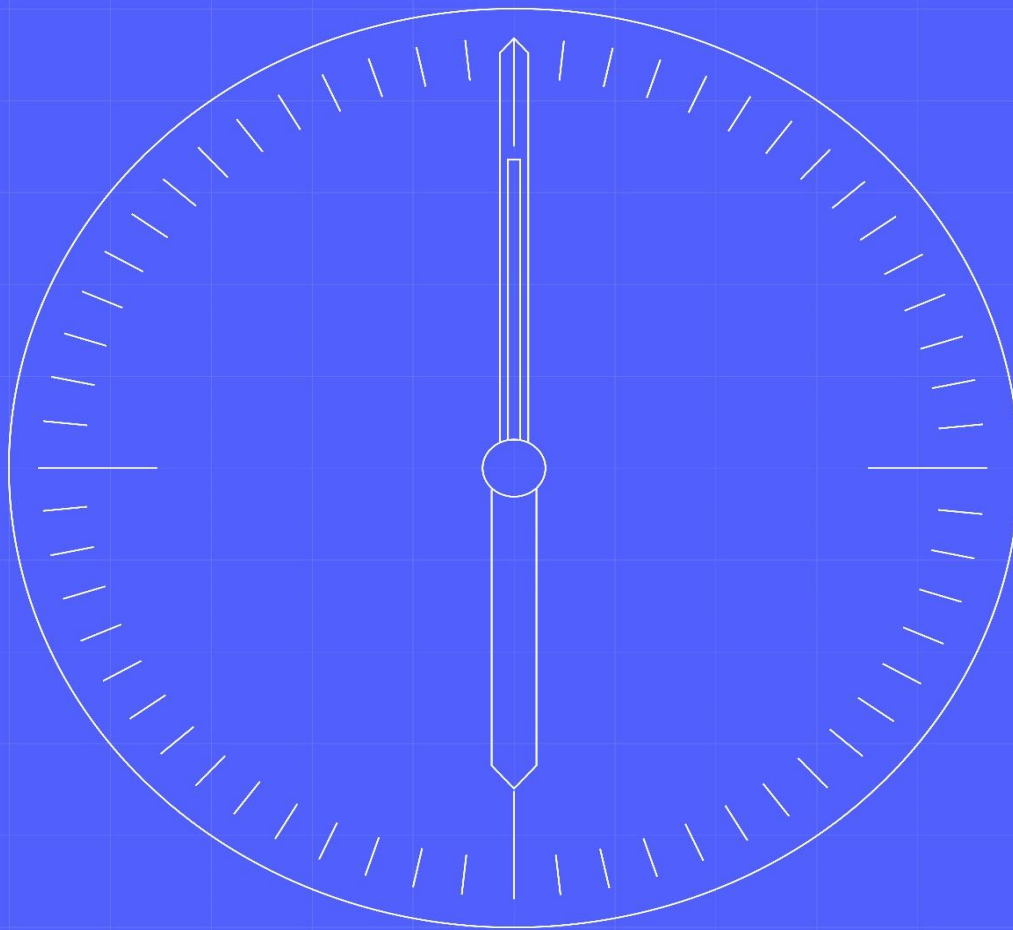


# MHHS Design Release Note

## Interim Release 2.2

### Release Date: 09-11-2023



Document owner

**Design Team**

Status:

**Final**

Document number

**DEL1275**

Date

**09/11/2023**

Version

**V1.0**

Classification

**Public**

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## 1.1 Change Record

Date	Author	Version	Change Detail
06/11/2023	Zak Hussain	0.1	Initial Draft
09/11/2023	MHHS Design Team	1.0	Final version

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## 1.2 Reviewers

Reviewer	Role

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## 2 INTRODUCTION

These are the release notes for Interim Release 2.2 of the MHHS Design.

Use Release Notes to keep up with what's going on. Release notes provide a summary of what's new and what issues have been resolved within the design.

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## 3 OVERVIEW

Interim Release 2.2 is a patch to Interim Release 2.

### **Improvements:**

Interim Release 2.2 constitutes updated versions of Swagger which have been uplifted to address found misalignments.

The Programme have conducted an impact assessment of the changes in IR2.2 and can advise that Programme Participants who have completed PIT will not be required to complete any re-testing.

This would leave other Participants who have not yet done any PIT testing against the DIP SIM to check and confirm they have correctly interpreted the design and implemented the Interface ID in line with the 1.2.2 clarification. This would assure they can PIT test cleanly with the DIP SIM and successfully progress to CIT in their allotted interval.

The below DINs delivered the changes in Swagger.

- MHHS-DIN-464/766

DIN-464 was originally scheduled as part of Interim Release 3, this fix has been brought forward into Interim Release 2.2 as a new DIN (DIN-766).

Further guidance on the Release.

### **Versioning:**

Interim Releases are NOT a blanket updating of all the design artefacts and models to the next release number. Each Document artefact is separately version controlled and tracked. Interim releases are a collection of updated artefacts which are updated. The version number depends on the last revision of the artefact. Thus, an interim release will publish and consists of documents at different version numbers. Some documents contain multiple models, interfaces, or report definitions which each have a version number. The artefacts' own document version number may contain different objects at different version numbers depending on the changes made to the artefact.

Versions of design artefacts with tracked changes is available on the Red-Lined Design Artefacts page.

### **JSON/YAML:**

The best online tool we recommend verifying the extent of the changes is: <https://www.textcompare.org/yaml/>. This tool will clearly show the differences between the YAML versions 1.2.1 and 1.2.2.

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### 3.1 Release Feedback

Any queries or feedback on this release or the contents of this release note please contact us via [Design@MHHSprogramme.co.uk](mailto:Design@MHHSprogramme.co.uk)

## 4 Impacted Artefacts

The following table contains a list and versions of design artefacts/documents which have been updated.

Artefact	Version Number	Theme	Impact
MHHSPROGRAMME-SubmitEvents-1.2.2-resolved.json	V1.2.2	Supporting Documents	Updated Swagger definitions
MHHSPROGRAMME-SubmitEvents-1.2.2-resolved.yaml	V1.2.2	Supporting Documents	Updated Swagger definitions
MHHSPROGRAMME-SubmitEvents-1.2.2-swagger.json	V1.2.2	Supporting Documents	Updated Swagger definitions
MHHSPROGRAMME-SubmitEvents-1.2.2-swagger.yaml	V1.2.2	Supporting Documents	Updated Swagger definitions

## 5 Resolved Issues

All fixes Design Issue Notifications (DINs) and the Request for Change (RFCs) to MHHS Design since the last release that have been resolved in this release are included in the list below:

DIN/RFC Ref	Description	Status
MHHS-DIN-464/ MHHS-DIN-766	The {id} in /dip-channel/{id} for submitEvents on Swagger should accept values that are the same as the enumeration in DI-000 to ensure consistency. Now, this is not clear in Swagger, so this needs to be updated to make this clearer.	Fixed

Refer below for further information on the DINs above.

### MHHS-DIN-464/ MHHS-DIN-766

#### Description of Change

ID in /dip-channel/id has been updated to accept values that have been defined in Data types rather than being hard-coded as "String 3", please see below screenshot for the code change:

```
# DIN-464 applied to 1.2 release
MessageChannel:
  name: id
  in: path
  required: true
  schema:
    $ref: 'https://api.swaggerhub.com/domains/MHHSPROGRAMME/DataTypes/1.2.1#/components/schemas/DI-000-InterfaceID'
# MessageChannel:
# name: id
# in: path
# required: true
# schema:
#   type: string
#   minimum: 3
#   example: '001'
```

Old code has been commented out (using #) with the latest changes being uplifted to live code

```

36 schemas:
37 # Data type
38
39 DT-000-InterfaceID:
40 description: Interface ID
41 type: string
42 minLength: 6
43 maxLength: 8
44 example: IF-007
45 enum:
46 # list of allowable INFs
47 - IF-001 # Notification of Change of Supplier
48 - IF-002 # Notification to New Supplier of Site Information
49 - IF-005 # Metering Service MTD Updates to Registration
50 - IF-006 # Registration Service Notification of MTD Updates
51 - IF-007 # Change of Energisation Status Outcome
52 - IF-008
53 - IF-009
54 - IF-013
55 - IF-014
56 - IF-015
57 - IF-016
58 - IF-018
59 - IF-021
60 - IF-022
61 - IF-023
62 - IF-024
63 - IF-025

```

Screenshot of above referenced schema, where the hyphen "-" is now accepted

### Testing Impact

The DIP SIM is already aligned to the Interface ID syntax detailed in the 1.2.2 clarification; this means no change is required to the DIP SIM.

Participants who have successfully conducted PIT testing with the DIP SIM would therefore not need to make any changes; their implementation of the Interface ID syntax is correct, and their PIT tests results are valid.

This would leave other Participants who have not yet done any PIT testing against the DIP SIM to check and confirm they have correctly interpreted the design and implemented the Interface ID in line with the 1.2.2 clarification. This would assure they can PIT test cleanly with the DIP SIM and successfully progress to CIT in their allotted interval.

## 6 Unaffected Artefacts

All the other Interim Release 2 files are unaffected by Interim Release 2.2 including these Swagger files listed below.

Artefact	Version Number	Theme	Impact
MHHSPPROGRAMME-DataCatalogue-1.2.1-domain.json	V1.2.1	Supporting Documents	Updated Swagger definitions
MHHSPPROGRAMME-DataCatalogue-1.2.1-domain.yaml	V1.2.1	Supporting Documents	Updated Swagger definitions
MHHSPPROGRAMME-DataTypes-1.2.1-domain.json	V1.2.1	Supporting Documents	Updated Swagger definitions
MHHSPPROGRAMME-DataTypes-1.2.1-domain.yaml	V1.2.1	Supporting Documents	Updated Swagger definitions
MHHSPPROGRAMME-Interfaces-1.2.1-domain.json	V1.2.1	Supporting Documents	Updated Swagger definitions
MHHSPPROGRAMME-Interfaces-1.2.1-domain.yaml	V1.2.1	Supporting Documents	Updated Swagger definitions

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## 7 Issues/Limitations

This section describes any known limitations and obstacles to the release and fixes implemented.

Certain artefacts cannot be change marked. Reference will be made to documents which identify where these changes exist within the artefacts. Artefact documents in PDF form will be issued with tracked changes on to highlight where the changes are in the document.

Certain artefacts do not include a version/change history record, change history section have been added in some cases and changes are tagged using comments to provide a reference of DIN changes made to the artefact. Within Excel while all changes are marked, not every cell is tagged with the DIN reference as it was not possible to tag groups of cells with a DIN ref.

Transition Design documents are not currently under design release, change and configuration control at this time.

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## 8 Past Releases

Details of previous release please refer to the relevant release note for details:

Version Number*	Release Date	Release type
5.0	21/02/2023	Baseline
5.1	14/06/2023	Interim Release 1
5.2	05/07/2023	Interim Release 2
5.3	02/08/2023	Interim Release 3
5.4	30/08/2023	Interim Release 4
5.5	04/10/2023	Interim Release 5
5.2.1	11/10/2023	Interim Release 2.1
5.5.1	17/10/2023	Interim Release 5.1
5.6	01/11/2023	Interim Release 6

\* Various version numbering occurs on different documents for each release for details see previous release notes.