

| UNC Modification   |  | At what stage is this document in the process?   |
|--|--|--|
| <h1>UNC 0XXX:</h1> <h2>Introducing IHD (In-Home Display) Installed Status of Failed</h2>   |  | <div style="display: flex; flex-direction: column; gap: 5px;"> <div style="border: 1px solid green; background-color: #00a651; color: white; padding: 5px; display: flex; justify-content: space-between; align-items: center;"><span style="font-weight: bold; font-size: 1.2em;">01</span> Modification</div> <div style="border: 1px solid #00a651; padding: 5px; display: flex; justify-content: space-between; align-items: center;"><span style="font-weight: bold; font-size: 1.2em;">02</span> Workgroup Report</div> <div style="border: 1px solid #00a651; padding: 5px; display: flex; justify-content: space-between; align-items: center;"><span style="font-weight: bold; font-size: 1.2em;">03</span> Draft Modification Report</div> <div style="border: 1px solid #00a651; padding: 5px; display: flex; justify-content: space-between; align-items: center;"><span style="font-weight: bold; font-size: 1.2em;">04</span> Final Modification Report</div> </div> |
| <p><b>Purpose of Modification:</b></p> <p>This modification seeks to obligate shippers to provide information from their suppliers that will be required for the implementation of the Smart Metering.</p> <p>It seeks to introduce a new status of 'Failed' for the IHD Installed Status, so that the suppliers are able to capture when it has not been possible to provide an IHD to the customer as part of the smart metering installation visit.</p> |  |  |
|   | <p>The Proposer recommends that this modification should be:</p> <ul style="list-style-type: none"> <li>assessed by a Workgroup</li> </ul> <p>This modification will be presented by the Proposer to the Panel on <b>16 March 2017</b>. The Panel will consider the Proposer's recommendation and determine the appropriate route.</p> |  |
|   | <p>High Impact:<br/>None</p>   |  |
|   | <p>Medium Impact:<br/>None</p>   |  |
|   | <p>Low Impact:<br/>Suppliers, Shippers and GTs</p>   |  |

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| Timetable  |                                | Contact:<br><b>Joint Office of Gas Transporters</b>   |               |                                     |               |   |               |  |             |   |             |                             |                               |  |  |  |  |  |  |  |
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|  |                                | Proposer:<br><b>Alex Cebo</b>   |               |                                     |               |   |               |  |             |   |             |                             |                               |  |  |  |  |  |  |  |
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|  |                                | <br>01293898709  |               |                                     |               |   |               |  |             |   |             |                             |                               |  |  |  |  |  |  |  |
|  |                                | Transporter:<br><b>Insert name</b>  |               |                                     |               |   |               |  |             |   |             |                             |                               |  |  |  |  |  |  |  |
|  |                                | <br>email address   |               |                                     |               |   |               |  |             |   |             |                             |                               |  |  |  |  |  |  |  |
|  |                                | <br>telephone  |               |                                     |               |   |               |  |             |   |             |                             |                               |  |  |  |  |  |  |  |
|  |                                | Systems Provider:<br><b>Xoserve</b>   |               |                                     |               |   |               |  |             |   |             |                             |                               |  |  |  |  |  |  |  |
|  |                                | <br><a href="mailto:commercial.enquiries@xoserve.com">commercial.enquiries@xoserve.com</a> |               |                                     |               |   |               |  |             |   |             |                             |                               |  |  |  |  |  |  |  |
|  |                                | Other:<br><b>Insert name</b>  |               |                                     |               |   |               |  |             |   |             |                             |                               |  |  |  |  |  |  |  |
|  |                                | <br>email address  |               |                                     |               |   |               |  |             |   |             |                             |                               |  |  |  |  |  |  |  |
|  |                                | <br>telephone  |               |                                     |               |   |               |  |             |   |             |                             |                               |  |  |  |  |  |  |  |
|  |                                |   |               |                                     |               |   |               |  |             |   |             |                             |                               |  |  |  |  |  |  |  |
| <p><b>The Proposer recommends the following timetable:</b></p> <table border="1"> <tbody> <tr> <td>Initial consideration by Workgroup</td> <td>23 March 2017</td> </tr> <tr> <td>Workgroup Report presented to Panel</td> <td>20 April 2017</td> </tr> <tr> <td>Draft Modification Report issued for consultation</td> <td>20 April 2017</td> </tr> <tr> <td>Consultation Close-out for representations</td> <td>12 May 2017</td> </tr> <tr> <td>Final Modification Report available for Panel</td> <td>15 May 2017</td> </tr> <tr> <td>Modification Panel decision</td> <td>18 May 2017 (at short notice)</td> </tr> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> </tbody> </table> |                                | Initial consideration by Workgroup  | 23 March 2017 | Workgroup Report presented to Panel | 20 April 2017 | Draft Modification Report issued for consultation | 20 April 2017 | Consultation Close-out for representations | 12 May 2017 | Final Modification Report available for Panel | 15 May 2017 | Modification Panel decision | 18 May 2017 (at short notice) |  |  |  |  |  |  |  |
| Initial consideration by Workgroup   | 23 March 2017                  |   |               |                                     |               |   |               |  |             |   |             |                             |                               |  |  |  |  |  |  |  |
| Workgroup Report presented to Panel  | 20 April 2017                  |   |               |                                     |               |   |               |  |             |   |             |                             |                               |  |  |  |  |  |  |  |
| Draft Modification Report issued for consultation  | 20 April 2017                  |   |               |                                     |               |   |               |  |             |   |             |                             |                               |  |  |  |  |  |  |  |
| Consultation Close-out for representations   | 12 May 2017                    |   |               |                                     |               |   |               |  |             |   |             |                             |                               |  |  |  |  |  |  |  |
| Final Modification Report available for Panel  | 15 May 2017                    |   |               |                                     |               |   |               |  |             |   |             |                             |                               |  |  |  |  |  |  |  |
| Modification Panel decision  | 18 May 2017 (at short notice)  |   |               |                                     |               |   |               |  |             |   |             |                             |                               |  |  |  |  |  |  |  |
|  |                                |   |               |                                     |               |   |               |  |             |   |             |                             |                               |  |  |  |  |  |  |  |
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|  |                                |   |               |                                     |               |   |               |  |             |   |             |                             |                               |  |  |  |  |  |  |  |

# 1 Summary

## What

At the time when the data items relevant to smart metering were included in the UNC Transportation Principal Document (TPD) Section Annex M -1, the values created for IHD (In-Home Device), i.e. 'Installed', 'Declined' and 'Existing' values were felt to be the only status flags required. However, subsequent to this it has become clear that in a number of cases it is not possible to provide the customer with an In Home Display (IHD) where they wish to. The main reason for this is the set-up of Home Area Network (HAN) connectivity, a recognised problem that is being addressed through the industry projects on dual band comms hubs and Alternative HAN solutions. The current list of valid status flags do not enable these instances to be captured, and the current status options may be being misused in regards to these instances.

## Why

The current Supplier has a responsibility under Smart Metering Installation Code of Practice and LC 34, 43 to ensure HAN (Home Area Network) connectivity (to an IHD) within the customer's premises. Where the installing Supplier has not been able to pair an IHD with the meter, and the meter churns to another Supplier, the installing Supplier cannot remain responsible for the provision of an IHD as they no longer have any relationship with that customer. The gaining Supplier inherits the obligation to provide an IHD to the customer and establish HAN connectivity – this may occur when dual band comms hubs and Alternative HAN solutions become available for deployment. In order to meet these obligations the gaining Supplier would need to know that an IHD has failed to be provided – they can then ensure that they attempt to offer one when the relevant technologies become available.

## How

In order to ensure that this information is available to all the industry parties where necessary, we identified the need to share this information via the Suppliers' Shipper with GTs. As a result, this UNC modification has been raised which seeks to introduce the new 'Failed' value in the In-Home Display Status field.

# 2 Governance

## Justification for Urgency, Authority Direction or Self-Governance

It is proposed that this modification is Self-Governance as it seeks to make minor changes to already existing smart data set introduce in Modification 0430 - Inclusion of data items relevant to smart metering into existing industry systems, and therefore if implemented it would not have a material effect on relevant commercial activities as set out in the Uniform Network Code (UNC) or an impact on consumers.

## Requested Next Steps

This modification should:

- be considered a non-material change and subject to self-governance
-

- be assessed by a Workgroup

Self-Governance is recommended due to the reasons provide above. It is recommended that the modification is assessed at a Workgroup to ensure the requirements set out are fully understood.

## 3 Why Change?

### Background

The current Supplier has a responsibility to ensure HAN connectivity (to an IHD) within the customer's premises. Where the installing Supplier has not been able to pair an IHD with the meter, and the meter churns to another Supplier, the installing Supplier cannot remain responsible for the provision of an IHD as they no longer have any relationship with that customer. The gaining Supplier inherits the obligation to provide an IHD to the customer and establish HAN connectivity – this may occur when dual band comms hubs and Alternative HAN solutions become available for deployment. In order to meet these obligations the gaining Supplier would need to know that an IHD has failed to be provided – they can then ensure that they attempt to offer one when the relevant technologies become available.

### Issue Resolution

This issue was discussed as at Energy UK forum as well as the SPAA Expert Group (SEG) and the MRA Issue Resolution Expert Group (IREG); it was felt that a change proposal should be raised to introduce the new in home display status of 'Failed' by raising appropriate changes in the impacted electricity and gas Codes (a change has been progressed in under the MRA - DTC CP 3505 which is due for implementation on 3<sup>rd</sup> November 2017).

## 4 Code Specific Matters

### Reference Documents

Understanding of the RGMA baselined and UK Link systems, understanding of Supplier smart meter obligations (particularly in respect to provision of the IHD)

### Knowledge/Skills

No specific knowledge or skills required.

## 5 Solution

### Solution

It is proposed that the Transporters, in their role of holding centralised gas industry databases, will amend the central systems, known as UK Link, to capture and store the new IHD 'Failed' status and facilitate the transfer of this data as appropriate. Shippers will be obligated to provide this information which they will obtain from their suppliers. Changes have already been progressed via the MRA to facilitate such an amendment, and a draft SPAA CP will be progressed in the next SPAA Change Pack. We believe that

such changes are deemed to be necessary to enable Suppliers to meet their smart licence obligations, and as a result a new status should be added consistently across the Industry.

The Transportation Principal Document Section M Annex M-1 refers to Smart Metering information:

Joint Office of Gas Transporters

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Uniform Network Code – Transportation Principal Document Section M

### Annex M-1

| Data Item   |  |
|---|--|
| Supply Meter Point Reference Number               |  |
| supplier  |  |
| supplier effective from date                      |  |
| supplier effective to date                        |  |
| Registered Metering Applicant                     |  |
| Registered Metering Applicant effective from date |  |
| supply point address                              |  |
| Meter Post Code                                   |  |
| meter mechanism code                              |  |
| Smart Meter system operator                       |  |
| Smart Meter system operator effective from date   |  |
| in home display status *                          |  |
| in home display status effective from date        |  |
| UPRN  |  |
| Smart Meter installing supplier                   |  |
| Market Sector Code                                |  |

\* Currently the following A0037 (Asset Status Code) and A0038 (Asset Status Description) RGMA values can be populated in the in home display status field (as per SPAA MDD):

- a) 'I' - 'Installed IHD Asset',
- b) 'D' - 'IHD Asset Declined by Consumer/MAM Unable to provide'
- c) 'E' - 'Existing IHD Asset'

This CP seeks to introduce the new In Home Display Status of 'F' - 'Failed IHD Asset'.

## 6 Impacts & Other Considerations

### Does this modification impact a Significant Code Review (SCR) or other significant industry change projects, if so, how?

No. The proposal is post Nexus implementation and doesn't impact any SCR.

## Consumer Impacts

The new status will be maintained in the SPAA MDD General where currently the existing values are stored.

This data will need to be received, processed and responses to input files developed for suppliers (via shippers) to meet their obligations to provide this data. The new In home display status will be stored within the central systems with a history maintained where necessary, the same way as the existing statuses are maintained. Data items will be used to inform shippers of the presence of smart metering during the change of supplier process so that the incoming supplier is able to identify that in home display needs to be provided to the customer.

## Cross Code Impacts

MRA change proposal DTC CP 3505 which seeks to introduce the 'Failed' value for the In Home Display Status for electricity metering points has been approved and will be implemented in November 2017

## EU Code Impacts

No impact identified.

## Central Systems Impacts

We believe that this is a minor change to UKlink systems as it will require the additional status to be added to the already existing list of IHD statuses as per RGMA field A0037 (Asset Status Code )& A0038 (Asset Status Description ) (where the device is IHD), as defined under SPAA MDD General.

| <b>User Pays</b> ( <i>Proposer to complete this table</i> )  |  |
|--|--|
| Classification of the modification as User Pays, or not, and the justification for such classification.  | User Pays service would be created or amended by implementation of this modification and it is, therefore, classified as a User Pays Modification. |
| Identification of Users of the service, the proposed split of the recovery between Gas Transporters and Users for User Pays costs and the justification for such view. | TBA  |
| Proposed charge(s) for application of User Pays charges to Shippers.   | TBA  |
| Proposed charge for inclusion in the Agency Charging Statement (ACS) – to be completed upon receipt of a cost estimate from Xoserve.                                   | TBA  |

## 7 Relevant Objectives

Impact of the modification on the Relevant Objectives:

| Relevant Objective   | Identified impact |
|--|-------------------|
| a) Efficient and economic operation of the pipe-line system.   | None              |
| b) Coordinated, efficient and economic operation of<br>(i) the combined pipe-line system, and/ or<br>(ii) the pipe-line system of one or more other relevant gas transporters.   | None              |
| c) Efficient discharge of the licensee's obligations.  | None              |
| d) Securing of effective competition:<br>(i) between relevant shippers;<br>(ii) between relevant suppliers; and/or<br>(iii) between DN operators (who have entered into transportation arrangements with other relevant gas transporters) and relevant shippers. | Positive          |
| e) Provision of reasonable economic incentives for relevant suppliers to secure that the domestic customer supply security standards... are satisfied as respects the availability of gas to their domestic customers.   | None              |
| f) Promotion of efficiency in the implementation and administration of the Code.   | None              |
| g) Compliance with the Regulation and any relevant legally binding decisions of the European Commission and/or the Agency for the Co-operation of Energy Regulators.   | None              |

The change better facilitates:

Relevant Objective D) as it provides the New incoming Supplier with a clear view where the outgoing Supplier was unable to provide the customer with an IHD, thus assisting Suppliers in meeting their smart licence obligations. In order to enable this process to run smoothly, it is required for the UK Link systems to be aligned with the SPAA MDD data.

## 8 Implementation

As self-governance procedures are proposed, implementation could be sixteen business days after a Modification Panel decision to implement, subject to no Appeal being raised.

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## 9 Legal Text

### Suggested Text

The Transportation Principal Document Section M Annex M-1 refers to Smart Metering information:

Joint Office of Gas Transporters  
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Uniform Network Code – Transportation Principal Document Section M

#### Annex M-1

| Data Item   |  |
|---|--|
| Supply Meter Point Reference Number               |  |
| supplier  |  |
| supplier effective from date                      |  |
| supplier effective to date                        |  |
| Registered Metering Applicant                     |  |
| Registered Metering Applicant effective from date |  |
| supply point address                              |  |
| Meter Post Code                                   |  |
| meter mechanism code                              |  |
| Smart Meter system operator                       |  |
| Smart Meter system operator effective from date   |  |
| in home display status *                          |  |
| in home display status effective from date        |  |
| UPRN  |  |
| Smart Meter installing supplier                   |  |
| Market Sector Code                                |  |

\* Currently the following A0037 (Asset Status Code) and A0038 (Asset Status Description) RGMA values can be populated in the in home display status field (as per SPAA MDD):

- 'I' - 'Installed IHD Asset',
- 'D' - 'IHD Asset Declined by Consumer/MAM Unable to provide'
- 'E' - 'Existing IHD Asset'

This CP seeks to introduce the new In Home Display Status of 'F' - 'Failed IHD Asset'.

## 10 Recommendations

### Proposer's Recommendation to Panel

Panel is asked to:

- Agree the modification be considered a non-material change and subject to self-governance;
- Refer this proposal to a Workgroup for assessment.