

**DSC Change Proposal**

**Change Reference Number: XRN4695**

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| **Change Title** | Investigating causes and contributors to levels and volatility of Unidentified Gas |
| **Date Raised** | 05/06/2018 |
| **Sponsor Organisation** | Xoserve |
| **Sponsor Name** | Rachel Hinsley |
| **Sponsor Contact Details** | Rachel.hinsley@xoserve.com0121 623 2854 |
| **CDSP Contact Name** | Fiona Cottam |
| **CDSP Contact Details**  | Fiona.cottam@xoserve.com 0121 623 2695 |
| **Change Status** | Proposal  |
| **Section 1: Impacted Parties** |
| **Customer Class(es)** | Shipper |
| **Section 2: Proposed Change Solution / Final (redlined) Change** |
| Nexus implementation was 1st June 2017. One year into the new allocation process the absolute level and volatility of UIG remains a significant customer challenge. Initially following implementation a team was set up within Xoserve to support the industry in investigating and tackling any known issues contributing to UIG. This Change Proposal proposes to add an additional service line into the DSC to enable Xoserve access to investigate, using resources and technology, causes and contributors to levels and volatility of Unidentified Gas. Xoserve is to provide monthly update reports and recommend proposals and subsequent changes or modifications for the industry.This service will be a Direct Service Non-code Service, under Service Area 3 Record, submit data in compliance with UNC. The proposed draft service line is attached:The focus will be on the areas below: * **Cause and effect**: Investigation of UIG to date to identify direct cause and effect. Development of a predictive model based on history to date, which can be shared with all interested parties. This will drive greater understanding, visibility and control of UIG across the industry.
* **Improve UIG model accuracy**: Assessment of whether it is possible to improve the predictive accuracy of the NDM Algorithm through additional inputs or increased number of profiles and the use of relevant technology.
* **Personalised action plans (per customer)**: The development of specific actions plans for all customers who may be unknowingly contributing to UIG; that is helpful and supportive with increased pace of impact.
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| **Proposed Release** | **NA** |
| **Proposed IA Period**  | **10WD**  |
| **Section 3: Benefits and Justification**  |
| The development of a more predictive UIG model will support the Shipper community to predict UIG charges and explain volatility. Any enhancements to the NDM Algorithm should be focused on reducing the level or volatility of daily UIG. Using dedicated resource and technology, Xoserve can commit time and analysis to identify any known causes and how to tackle them thus driving forwards improvements across the industry and creating more stability.  |
| **Section 4: Delivery Sub-Group (DSG) Recommendations**  |
| NA |
| **DSG Recommendation** | NA |
| **DSG Recommended Release** | NA |
| **Section 5: DSC Consultation**  |
| **Issued** | NA |
| **Date(s) Issued** |  |
| **Comms Ref(s)** |  |
| **Number of Responses** |  |
| **Section 6: Funding** |
| **Funding Classes**  | Shipper 100% |
| **Service Line(s)** | 3 |
| **ROM or funding details**  | TBC |
| **Funding Comments**  | There is £350,000 allocated to UIG within the change budget that can be utilised; additional funding will be requested through ChMC |
| **Section 7: DSC Voting Outcome** |
| **Solution Voting**  | ☐ Shipper Approve / Reject / NA / Abstain☐ National Grid Transmission Approve / Reject / NA / Abstain ☐ Distribution Network Operator Approve / Reject / NA / Abstain☐ iGT Approve / Reject / NA / Abstain  |
| **Meeting Date**  | XX/XX/XXXX |
| **Release Date** | Release X: Feb / Jun / Nov XX or Adhoc DD/MM/YYYY or NA |
| **Overall Outcome**  | Approved for Release X / Rejected  |

**Please send the completed forms to:** **.box.xoserve.portfoliooffice@xoserve.com**

**Document Control**

**Details**

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| **Title** | **Version** | **Owner** | **Review Frequency** | **Next Review Date** |
| XRN Template  |  | Emma Smith  |  |  |

**Version History**

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| --- | --- | --- | --- | --- |
| **Version** | **Status** | **Date** | **Author(s)** | **Summary of Changes** |
| 0.1  | Draft  | 29/03/18  |  |  |
| 0.2 | Draft | 06/06/2018 |  |  |
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**Reviewers**

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| **Version** | **Name** | **Role** | **Business Area** | **Date**  |
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**Approvers**

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| **Version** | **Name** | **Role** | **Business Area** | **Date** |
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