

Rough Order of Magnitude (ROM) Request and Response

1. Purpose of a ROM

The DSC CDSP Service Document – Change Management Procedure sets out the expectations of the ROM process.

4.6.2 Subject to paragraph 4.6.3, within 10 Business Days after receiving a ROM Request, the CDSP shall send to the Customer and the Committee a report (Rough Order of Magnitude Report or ROM Report) setting out (so far as the CDSP is able to assess at the time):

(a) a high level indicative assessment of the impact of the Potential Service Change on the CDSP Service Description and on UK Link;

(b) the CDSP's opinion as to whether the Potential Service Change would be a Restricted Class Change, would have an Adverse Impact on any Customer Class(es) or would be a Priority Service Change, where applicable;

(c) the CDSP's approximate estimate of:

(i) the Costs (or range of Costs, where options under paragraph (e) are identified) of Implementing the Potential Service Change;

(ii) the impact of the Potential Service Change on Service Charges; and

(iii) the period of time required for Implementation;

(d) any material dependencies of Implementation on other Proposed Service Changes or other likely Priority Questions; and

(e) if it is apparent to the CDSP that there are likely to be materially different options as to how to Implement the Potential Service Change, a high level description of such options.

2. ROM Request – To be completed by the customer

Please populate the details below and send to box.xoserve.portfoliooffice@xoserve.com, to enable the CDSP to undertake the impact assessment to provide the ROM Response (section below).

Please note, the ROM requestor may be asked for further details if it is believed that request is not clear and additional information is required in order to provide a ROM Response.

2a. ROM Request Details

ROM Request Details	
Change Title	Single-sided Nominations for clearing houses of gas exchanges
Regulatory Impact	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Regulatory Reference (if applicable)	UNC Modification 0872S
Change Overview	<p>ECC is a Clearing House of EEX, facilitating trade nominations agreed on by Shippers, acting as the shipper agent and through bi-lateral contract agreements between EEC and shipper.</p> <p>ECC Current Approach</p> <p>ECC are connected to Gemini via APIs and currently nominate both client side and clearing house. This involves logging in using a customer (shipper) account. This risks the introduction of errors, enhanced by a growing volume of customers.</p> <p>ECC Change Request</p> <p>ECC request a change to the Gemini system that will enable them to send trade information to Gemini without the need to log-on and send matching information as a Shipper (single sided nominations), similar to their standard approach elsewhere in the European market. The solution would need to be confined to clearing houses and not all shippers.</p> <p>The solution should primarily focus on APIs, but an on-screen UI consideration should also be factored in for contingency purposes.</p> <p>Please also consider the timeline of Gemini Sustain Plus alongside the implementation lead time of this change.</p>
Date Raised	13/05/2024
Required Response Date	24/05/2024 <i>No later than 5pm 29th May 2024</i>
Requestor Contact Details	Name: Gavin Williams
	Organisation: National Gas Transmission
	Email: gavin.williams@nationalgas.com
	Number: +44 (0)7935353142
Contact Name:	Ellie Rogers / Kathryn Adeseye

Xoserve Lead Contact (to be provided by the CDSP)	Contact Email:	Ellie.rogers@xoserve.com / Kathryn.Adeseye@xoserve.com
--	-----------------------	--

3. ROM Response – To be completed by the CDSP – XRN5787 (XRN for internal purposes only and to be removed before issuing to customers)

The ROM response provided is based on a high-level indicative assessment of the impact of the change.

Please note, all the sections within this template should be populated by the CDSP when providing a ROM response.

To find the high-level costs and timescales please go to section 3c which can be found [here](#).

3a. Impacted Constituency

Customer Class(es) Impacted by Change:	<input checked="" type="checkbox"/> Shipper	<input type="checkbox"/> Distribution Network Operator
	<input type="checkbox"/> NG Transmission	<input type="checkbox"/> IGT
	<input type="checkbox"/> All	<input checked="" type="checkbox"/> Other <Please provide details here>
Justification for Customer Class(es) selection	<ul style="list-style-type: none"> Implementing the Service Change would involve a modification of Gemini which would allow ECC users to access Gemini using their own accounts in order to place trade nominations on behalf of those Shippers registered with ECC Implementing the Service Change would mean Shippers who are registered with ECC would no longer need to allocate Gemini user accounts to ECC 	

3b. Overview of impacts

Overview of impacts	<p>Impacts to the Gemini System:</p> <p>Note: A shipper can use more than one clearing house hence the solution needs to accommodate many to many relationships, sample is detailed below.</p> <p>Clearing House A linked to shippers:</p> <ul style="list-style-type: none"> Shipper 1 Shipper 2 Shipper 3 <p>Clearing House B linked to shippers:</p> <ul style="list-style-type: none"> Shipper 1 Shipper 2 Shipper 4 <p>Clearing House C linked to shippers:</p> <ul style="list-style-type: none"> Shipper 1 Shipper 5
----------------------------	--

- Shipper 6
- Shipper 7

New functionality will be introduced into the Gemini system for ECC users to place trade nominations. Two solutions have been considered:

Option 1: API Only Solution

1. API Impact
 1. A new API will be introduced and published that will allow ECC to create and update the single sided OTC re - nominations for the associated shippers
 2. A new API will be introduced and published that will allow ECC to view the renominations for the associated shippers
2. Authorisation Impact
 1. A new API User type will need to be created.
 2. APIM Configuration required to create a new product to host the two new APIs
 3. Authorisation API framework will require changes to allow the ECC user id/user type to be mapped to multiple Shipper codes that are registered with ECC
 4. Maintain the Shipper and ECC mapping including many to many relationships

Option 2: API plus Online screen Solution

As per Option 1 plus:

1. The Authorisation UI framework will require changes to allow the ECC user id/user type to be mapped to multiple Shipper codes that are registered with ECC (including many to many relationship)
2. New Online Screen functionalities will be introduced to allow ECC users to View, Add and Modify the OTC trade renominations

UK Link Component Systems	Level of Impact (L/M/H)	File Format (Y/N)	Screens (Y/N)	Reporting (Y/N)	Batch Jobs (Y/N)	Validation (Y/N)	Processes (Y/N)	Other
UK Link Gemini	M	N	Y	Y	N	Y	Y	<i>If 'Other' is ticked, please provide justification</i>
UK Link System Application (e.g. SAP ISU, BW, PO)	NA	NA	NA	NA	NA	NA	NA	<i>As above</i>
UK Link Portal	NA	NA	NA	NA	NA	NA	NA	<i>As above</i>
UK Link Online Services	NA	NA	NA	NA	NA	NA	NA	<i>As above</i>
Data Enquiry Services (DES) - To be removed post	NA	NA	NA	NA	NA	NA	NA	<i>As above</i>

CSS implementation								
Contact Management Service (CMS)	NA	NA	NA	NA	NA	NA	NA	As above
UK Link Network (Inclusive of IX, EFT and AMT)	NA	NA	NA	NA	NA	NA	NA	As above

Additional Systems	Level of Impact (L/M/H)	File Format (Y/N)	Screens (Y/N)	Reporting (Y/N)	Batch Jobs (Y/N)	Validation (Y/N)	Processes (Y/N)	Other
Data Discovery Platform (DDP) Core	NA	NA	NA	NA	NA	NA	NA	If 'Other' is ticked, please provide justification
Discovery API	NA	NA	NA	NA	NA	NA	NA	As above
Reporting	NA	NA	NA	NA	NA	NA	NA	
Gas Enquiry Service (GES) – To be included post CSS implementation	NA	NA	NA	NA	NA	NA	NA	

3c. High level costs and timescales

Costs provided within the ROM response are indicative and high level based on high level analysis.

Below details the high-level implementation cost range and provides an indication of any ongoing costs identified from the high-level analysis.

Implementation costs

Option 1 – An enduring solution will cost at least £145,000, but probably not more than £170,000

Option 2 – An enduring solution will cost at least £160,000, but probably not more than £185,000

Ongoing costs

The change is not expected to increase ongoing running costs.

Timescales:

Option 1 – The high-level estimate to develop and test this change is approximately 9 weeks

Option 2 – The high-level estimate to develop and test this change is approximately 9 weeks

Validity of ROM:

Please note, the information provided in the ROM response is an 'at a point in time' assessment which is valid for 6 months.

3d. Release type

Please provide a view on the anticipated release type this change would need to be delivered under.

Release Type	<input checked="" type="checkbox"/> Ad-hoc / Stand-alone	<input type="checkbox"/> Minor
	<input type="checkbox"/> Major	

Next available Release (based on the Release Type)	ChMC approval to Release scope	ChMC approval of Detailed Design
Ad-hoc - TBC		

3e. Impact on Service Line(s)

Impact on Service Line(s)	<i>Change relates to Service Area 14: Gemini Services</i>
----------------------------------	---

3f. Assumptions

- Any changes in the approach to the solution may affect the overall schedule and costs for the change.
- Costs are high level, based on high level analysis. Detailed analysis will be needed to determine the final solution which will impact both cost and schedule.
- Any costs associated to Market Trials are not included.
- The high-level analysis is based on changes to central systems and does not account for changes to customer systems as a result of any potential work.
- The high-level analysis and costs are based on the functionality within the current production system though do consider the design of the security framework being developed under the Gemini Sustain Plus programme.
- There will be no impact to the Trade renomination approval process.
- The Clearing House Group will be available for end-to-end testing during UAT.
- There is no impact to the downstream processes.
- The existing on-boarding process will also be extended for new APIs/Screens being introduced as part of the MOD.
- The change will be implemented after the Gemini Sustain Plus programme has implemented hence PIS has not been considered in the timescales because Gemini will be following a new Gemini DevOps model.

4. Version Control

Version	Date:	Author	Status
1.0	20/07/2022	Ellie Rogers	Clean version