



Rough Order Magnitude (ROM) Request

Change Reference Number: XRN5275

Please send completed form to: <mailto:box.xoserve.portfoliooffice@xoserve.com>

Section A: Change Details	
Change Title	Modification: 0739 - Aggregate overrun regime for Original Capacity held at the Bacton ASEPs
Will the Change impact the UNC (YES / NO)	
MOD Reference (if raised)	Modification: 0739 - Aggregate overrun regime for Original Capacity held at the Bacton ASEPs https://www.gasgovernance.co.uk/0739
Contact Details of Person Requesting the ROM	
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Section B: Xoserve Acknowledgement and Business Analyst Contact Details	
<i>(Xoserve Portfolio Governance will add)</i>	
ROM Received Date	
ROM Response date	
Business Analyst Name	
Business Analyst Email	
Business Analyst Phone	

Rough Order Magnitude (ROM) Response

Type of ROM Evaluation

Delete to leave which of the following that is applicable...

ROM for Code-Modification

The Proposed Change

(Xoserve's understanding of the Modification)

Xoserve's understanding is:

Changes to the calculation of Aggregate Overrun Quantities at the Bacton ASEP

- Where system capacity was acquired at the Bacton ASEP prior to the Bacton split on 1 November 2015, it will be classified as Original Bacton Capacity. For the avoidance of doubt Original Capacity will apply to a User's Fully Adjusted Available Entry Capacity registered on 31 October 2015. Where Original Capacity is transferred to another User post this date, the capacity will no longer be treated as Original Capacity and as such the transferee will be unable to benefit from the Aggregate Overrun Regime
- Following the split, the Original Bacton Capacity will maintain this status when allocated to either Bacton ASEP
- An Entry Overrun Charge should be applied only where the gas flow at the relevant ASEP (UDQI) exceeds the Users Entry Capacity holdings at the same Bacton ASEP plus any unused Original Entry Capacity held at the alternative Bacton ASEP
- The table below captures the example provide in MOD0739

UDQI IP	UDQI UKCS	Cap Holding IP (Original Bacton)	Cap Holding UKCS (Original Bacton)	Original Available Capacity IP	Original Available Capacity UKCS	Overrun Quantity
0	200	50 (50)	150 (100)	50	0	0
50	200	50 (50)	150 (100)	0	0	50
100	100	50 (50)	150 (100)	0	50	0
75	75	50 (50)	150 (100)	0	75	0

Change Impacts

General Impacts to Xoserve and External Parties

- Currently an Overrun is calculated at a location (ASEP) in the Gemini System. A code change will be required to modify the Overrun charge calculation at the Bacton ASEP (IP and UKCS)
 - a. Modify the calculation of NTS Entry Capacity as the Users Entry Capacity holdings at the same Bacton ASEP plus any unused Original Entry Capacity held at the alternative Bacton ASEP
 - b. The overrun charges will be created at Bacton IP and Bacton UKCS separately using the relevant overrun price wherever applicable
- A new external report may be required to provide details of unutilised capacity feeding into the Overrun charge calculation for the Shippers at Bacton ASEPs

External Interface Impacts (Changes to Screens, Portals, Files, Permitted Values, etc.)

A new external report may be required to provide details of unutilised capacity feeding into the Overrun charge calculation for the Shippers at Bacton ASEPs

Impacts to Gemini System:

- A code change will be required to modify the Overrun charge calculation
- A new external report will be required to provide details of any overrun calculated at Bacton ASEP
- Mechanism to calculate the unused capacity at Bacton IP and Bacton UKCS

Impacts UKL Manual Appendix 5b:

None expected.

DSC Service Areas Impacted:

Service Area 20: UK Link Gemini System Services

Costs and Timescales

Change Costs (implementation):

Solution will cost at least **£91,000**, but probably not more than **£134,000** to implement.

Change Costs (on-going):

This change is not expected to increase ongoing running costs

Timescales:

The high-level estimate to develop and deliver this change is approximately 12 to 15 weeks. This change would need to be prioritised through the Change Management Committee alongside other changes within Xoserve's planned Gemini programme.

Assumptions:

- The existing charge types 'OVR'/'NVR' will be reused for creating the charges and issuing within the NTE invoice type
- For Overrun calculation, the capacity considered will be the Net Entitlements of each Shipper at Bacton UKCS and Bacton IP
- There is no impact to the Revenue Recovery Charges (RRC). The charges will be created using the fully adjusted capacity at individual ASEPs
- Post Implementation Support may need to be in the range of 2 to 4 weeks based on the implementation date and first usage coverage. This is included in the Timescales given above.
- Costs are high level, based on high level analysis and assumed requirements
- Timeline is based on 2 weeks UAT

- User Trials and System Integration Testing is out of scope
- This ROM is based on the Gemini functionality currently in Production and does not consider any functional changes being introduced by inflight projects
- Joint testing between National Grid and Xoserve
- This ROM assumes the solution will be delivered as a standalone project
- Change can be delivered using environments from the existing Gemini test estate.
- There is no interface impact to NGIT interfaces
- There is no file format changes required, hence no impact to AMT and UK Link
- Gemini E-training update is not required
- No impact to Xoserve Offline databases

Dependencies:

Availability of National Grid business resources to support delivery.

Constraints:

None

Observations:

None.

Document Version History

Version	Status	Date	Author(s)	Summary of Changes

Template Version History

Version	Status	Date	Author(s)	Summary of Changes
2.0	Approved	22/05/18	Steve Gannev	Minor changes implemented
3.0	Approved	06/03/2019	Becky Perkins	Minor wording change