DSC Change Proposal Document

Customers to fill out all of the information in the sections coloured ▮
Xoserve to fill out all of the information in the sections coloured ▮

A1: General Details

Change Reference:	XRN 5135		
Change Title:	DNO and NTS Invoices to Shippers and DNs VAT compliance		
Date Raised:	10/03/2020		
Sponsor Representative Details:	Organisation:	Wales & West Utilities	
	Name:	Smitha Coughlan	
	Email:	Smitha.coughlan@wwutilities.co.uk	
	Telephone:	02920 278838	
Xoserve Representative Details:	Name:	Victoria Mustard	
	Email:	Victoria.mustard1@xoserve.com	
	Telephone:	07519 605 322	
	Business Owner:		
Change Status:	☐ Proposal	☐ With DSG	☐ Out for Review
	☐ Voting	☒ Approved	☐ Rejected

A2: Impacted Parties

Customer Class(es):	☒ Shipper	☒ Distribution Network Operator
	☒ NG Transmission	☐ IGT
	☐ All	☐ Other <Please provide details here>
Justification for Customer Class(es) selection	Changes to invoices being issued by Xoserve will require changes to interfaces at the invoice destination	

A3: Proposer Requirements / Final (redlined) Change

| Problem Statement: | Invoices issued to DNs and the invoices issued to Shippers on behalf of DNs are missing some of the details set out in https://www.gov.uk/vat-record-keeping/vat-invoices

Specifically, customer name and address and vendor address. As such the invoices are not compliant with UK VAT legislation. |
|---|---|

Change Description:	Invoices to be amended to include the following information: Customer Name Customer Address Vendor Address	
Proposed Release:	Urgent	
Proposed Consultation Period:	☐ 10 Working Days	☒ 15 Working Days
	☐ 20 Working Days	☐ Other [Specify Here]

A4: Benefits and Justification

Benefit Description:	Compliance with UK VAT legislation
	What, if any, are the tangible benefits of introducing this change? What, if any, are the intangible benefits of introducing this change?
Benefit Realisation:	As soon as change is implemented
	When are the benefits of the change likely to be realised?
Benefit Dependencies:	n/a
	Please detail any dependencies that would be outside the scope of the change, this could be reliance on another delivery, reliance on some other event that the projects has not got direct control of.

A5: Final Delivery Sub-Group (DSG) Recommendations – Removed

(see Section C for DSG recommendations)

A6: Service Lines and Funding

Service Line(s) Impacted - New or existing	Service Area 7: NTS Capacity, LDZ Capacity, Commodity, Reconciliation, Ad-Hoc Adjustment and Energy Balancing Invoices Specifically SA7-02 Submission of scheduled Invoice Documents for each Invoice Type following the end of each Billing Period
Level of Impact	Major/ Minor/ Unclear/ None
If None please give justification	
Impacts on UK Link Manual/ Data Permissions Matrix	
Level of Impact	Major/ Minor/ Unclear/ None
If None please give justification	

Funding Classes:		Customer Classes/ Funding	Delivery of Change	On-going Budget Amendment
		☐ Shipper	XX %	XX %
		☒ National Grid Transmission	XX %	XX %
		☒ Distribution Network Operator	XX %	XX %
		☐ IGT	XX %	XX %
		☐ Other <please specify>	XX %	XX %
ROM or funding details:				
Funding Comments:				

A7: ChMC Recommendation – Initial Review

Change Status:	☒ Approve	☐ Reject	☐ Defer
DSC Consultation Issue:	☐ Yes		☒ No

A7: ChMC Recommendation – Solution Review

Change Status:	☒ Approve		☐ Reject		☐ Defer
Industry Consultation:	☒ 10 Working Days			☐ 15 Working Days	
	☐ 20 Working Days			☐ Other [Specify Here]	
DSC Consultation Issue:	☒ Yes			☐ No	
Date Issued:	15/09/2020				
Comms Ref(s):	2668.6 - KL - PO - XRN5135				
Number of Responses:	6 Approvals				
Solution Voting:	☒ Shipper			Approve	
	☒ National Grid Transmission			Approve	
	☒ Distribution Network Operator			Approve	
	☐ IGT			Please select.	
Meeting Date:	07/10/2020				
Release Date:	Minor Release Drop 9. February 2021				

A8: ChMC Recommendation – Detailed Design

Change Status:	☒ Approve	☐ Reject	☐ Defer

Industry Consultation:	☒ 10 Working Days	☐ 15 Working Days
	☐ 20 Working Days	☐ Other [Specify Here]
DSC Consultation Issue:	☒ Yes	☐ No
Date Issued:	18/01/2021	
Comms Ref(s):	2755.3 - RT - JR	
Number of Responses:	2 Approvals	
Solution Voting:	☒ Shipper	Approve
	☒ National Grid Transmission	Approve
	☒ Distribution Network Operator	Approve
	☐ IGT	Please select.
Meeting Date:	10/02/2021	
Release Date:	Minor Release Drop 9. 20/03/2021	

Section C: DSG Discussion

C1: Delivery Sub-Group (DSG) Recommendations

(To be removed if no DSG Discussion is required; Xoserve to collate where DSG discussions occur)

DSG Date:	27/07/2020

DSG Summary:	James Barlow (JB) explained that the current invoices being issued to DNOs, NTS and shippers as well as DNS are not compliant with VAT legislation. This change looks to rectify the invoices so they are compliant with UK VAT legislation.
	JB stated the data items in scope:
	    - Customer Registered Trading Name
	    - Customer Registered Trading Address
	    - Vendor Address
	The impacted parties to this Change are Shippers, DNOs and National Grid Transmission
	JB asked if DSG felt any other data items that make the invoice VAT compliant are missing in order to confirm our findings.
	Potential solution Options
	Option 1: Change in individual file formats
	• Add the require fields to existing records
	
	Option 2: - create a new record and add to file hierarchies
	• Create a new, generic record with the required data items
	• For Gemini invoices records file hierarchies to include the new record

CP_V7.0	**Option 3: - Population of standard clause record with missing details**
	• For invoices delivered within an INV file with would be the I05 record type
	• For Gemini invoices records used would be as follows
	    o Energy balancing - record D01
	    o NTS Entry Capacity - record N01
	    o NTS Exit Capacity - record X00
	    o NTS Entry Commodity - record D01
	    o Optional Tariff - record D01
	    o NTS Entry Capacity Buyback - record N01
	
	IB asked if option 3 was the same as described by JB talking about adding in the data. JB confirmed options 1 and 2 would add specific data items whereas option 3 utilises existing free text fields in the I05
	JB explained the delivery options of these, outlining both options 1 and 2 impact the file formats and as such, it is expected that these would require a major release
	• The next available major release is November 2021
	Option 3 will utilise the existing file formats and be supported by functional development
	    • As such, this release may not be require a major release however DSG views on this assumption are invited.
	EL and IB stated that option 3 sounds like the low impact/no impact for shippers.
	
	Smitha Coughlan (SC) added that HMRC is now able to interrogate their information digitally and this would be over the next few years. Smitha asked if this can be solution optioned whereby this does not affect the systems in place currently and would require no alterations from the current format.
	JB added that the Xoserve preferred option is option 3, population of standard clause record.
	    – As existing file format will be utilised the changes made are not expected to impact shippers
	    – Changes required will not be as invasive
	DSG were asked if they were comfortable with these solution options.
	DSG agreed for this to be sent out in a Solution change pack in August for responses and views from industry.

Capture Document / Requirements:	\<Insert where appropriate>
DSG Recommendation:	☐ Approve ☐ Reject ☐ Defer
DSG Recommended Release:	Release: Feb / Jun / Nov XX or Adhoc DD/MM/YYYY

DSG Date:	06/10/2020

DSG Summary:	James Barlow (JB) presented this agenda item. JB stated that
	• XRN5135 has been raised by Wales & West Utilities as to address invoices with missing details as set out in https://www.gov.uk/vat-record-keeping/vat-invoices
	• As such, invoices are not compliant with UK VAT legislation
	• Data items in scope are:
	    • Customer Registered Trading Name
	    • Customer Registered Trading Address
	    • Vendor Address
	• Shippers, DNOs and National Grid Transmission are the impacted parties.
	
	JB presented the original solution options that were presented. Since then these have been developed within the HLSO.
	Option 1: Amend the individual file formats to add the required fields in UK Link invoices & Create new record for Gemini invoices.
	UK Link (Core)
	    • Changes to INV file format segment I56 to include five additional fields for the Registered name and Address
	    • Change to Invoice production program to fetch data items and populate the new fields as per data mapping in the I56 segment
	Gemini
	    • Create new tables in Gemini to store name and address details
	    • Create one new record type common for all Invoice types and data fetch based on organisation ID
	This will prevent high regression impacts as the same job generates the different invoicing files
	This has a Release Type of Major with a high level cost estimate of £200K-£500K.
	
	Option 2: Population of standard clause fields in existing invoices with missing details in both UK Link and Gemini invoices.
	UK Link (Core)
	    • INV File I05 record to be reused to populate Registered Name and Registered Address against ISC_LINE_1_TEXT and ISC_LINE_2_TEXT fields respectively
	    • Registered Name and related address for the Shipper to be fetched from central source within UK Link
	    • Change to Invoice production program for additional iteration of I05 to each INV file where new details will be populated based on field mappings
	Gemini

CP_V7.0	• Manual creation of additional standard clause records to include the invoice recipients registered name and address • Update of existing standard clause records where vendor address is not currently included • Ongoing maintenance of standard clause records in line with new market entrants and name and address changes This would involve a Release Type of Minor+ with a high level cost estimate of £75K (*This is based on the solution being progressed alongside a minor release) PO added that option 2 would be Xoserve's recommended option which has been sent out in a change pack. EL stated her organisation agreed and have submitted their change pack response supporting option 2. Jack Wilde asked if it was option 2, which Minor release would this be scoped in. PO stated that if option 2 was viable and supported by customers we would be looking to have this scoped into Minor Release Drop 9
Capture Document / Requirements:	<Insert where appropriate>
DSG Recommendation:	☐ Approve ☐ Reject ☐ Defer
DSG Recommended Release:	Release: Feb / Jun / Nov XX or Adhoc DD/MM/YYYY

DSG Date:	25/01/2021
DSG Summary:	James Barlow (JB) provided a background of this Change. Following on from this, JB stated the change will utilise the existing I05 recorded (Invoice Clause) within the Generic Invoice File (INV) and populate an instance of this record with the registered Name and Address of the invoice recipient in every instance of an INV. JB clarified there is no change to file formats or file hierarchies and that the INV currently allows for 20 occurrences of the I05 record to be included. JB stated that on average there is only around 5 of these occurrences used at the moment. JB added that both "ISC_LINE_1_TEXT" and "ISC_LINE_2_TEXT" fields support a data type for text (T) and allow up to 200 characters. JB added that in regard to Gemini, there will be a manual data update activity completed to ensure invoices produced by Gemini also contain the relevant VAT compliance data items as specified earlier in this document. The data will utilise functionality within Gemini system and will add additional instances of standard clause records as per the table which can be found within the issued Change Pack.

Capture Document / Requirements:	<Insert where appropriate>		
DSG Recommendation:	☐ Approve	☐ Reject	☐ Defer
DSG Recommended Release:	Release: Feb / Jun / Nov XX or Adhoc DD/MM/YYYY		

Section D: High Level Solution Options

D1: Solution Options

<table>
<tr>
<td rowspan="2">Solution Option Summary:</td>
<td>

Overview
XRN5135 "DNO and NTS Invoices to Shippers and DNs VAT compliance" seeks to ensure invoices issued to DNs and Shippers, on behalf of DNs, contain all data items in order for them to be considered UK VAT compliant.

The full list of data items required is set out here.

The Change Proposal can be found here.

Change/Solution Overview
Currently, not all data items defined as required, by HMRC, for an invoice to be considered VAT compliant in the UK, are present on all invoices issued by the CDSP to, or on behalf of, the DNs. The data items that have been identified as currently missing are:
- Customer Registered Trading Name
- Customer Registered Trading Address
- Vendor Address *(Gemini only)*

Invoices files to be considered in scope are:
UK Link
INV – Generic Invoice File

Gemini Invoices
IDB - Energy Balancing Invoice
OTA - Optional Tariff
NXC - NTS Exit Flat Capacity Invoice
ECO - NTS Entry Commodity
NTE - NTS Entry Capacity
ECB - Entry Capacity Buy Back

For a full breakdown of invoice and charge types that relate to the above Invoice File Types, please refer to the latest version of the "Xoserve Comprehensive Invoices Charge Types" document stored in the UK Link Documentation library.

Solution Option 1
Amend the individual file formats to add the required fields in UK Link & Create new record for Gemini invoices

Change summary:
SAP ISU: (Core UK Link)
    Changes to INV file format segment I56 to include five
        additional fields for the Registered name and Address
</td>
</tr>
</table>

CP_V7.0	Change to Invoice production program to fetch data items and populate the new fields as per data mapping in the I56 segment

Gemini:
- Create new tables in Gemini to store name and address details
- Create one new record type common for all Invoice types and data fetch based on organisation ID
  - This will prevent high regression impacts as the same job generates the different invoicing files

Release Type – Major
High Level Cost - £200-£500k

Solution Option 2
Population of standard clause fields in existing invoices with missing details in both UK Link and Gemini invoices

SAP ISU: (Core UK Link)
1.   INV File I05 record to be reused to populate Registered Name and Registered Address against ISC_LINE_1_TEXT and ISC_LINE_2_TEXT fields respectively
2.   Registered Name and related address for the Shipper to be fetched from central source within UK Link
3.   Change to Invoice production program for additional iteration of I05 to each INV file where new details will be populated based on field mappings

Gemini:
1.   Manual creation of additional standard clause records to include the invoice recipients registered name and address
2.   Update of existing standard clause records where vendor address is not currently included
3.   Ongoing maintenance of standard clause records in line with new market entrants and name and address changes

Release Type – Minor+
High Level Cost - £75k*
This is based on the solution being progressed alongside a minor release

Both options will provide the required information, customer registered name and address and vendor address, in line with UK VAT regulations.

Option 1 is more invasive as it changes file formats in both UK Link and Gemini resulting in changes to other systems within the CDSP infrastructure in order to produce and transmit successfully. It is believed that, as a result, this would also have an impact on Shipper systems. Therefore, this option would require a major release in which to develop and implement.

For Option 2 the existing file formats and, where possible, functionality would be reused and, therefore, minimise the impact to |

CP_V7.0	the CDSP system infrastructure. It is our understanding that this would have little or no impact on Shippers as the changes would be made within the existing file formats. This option can be delivered as part of a minor release however due to its complexity, and manual elements, there will be additional resource effort and, therefore, the additional cost indicated.
Xoserve preferred option: (including rationale)	Xoserve's preferred solution is option 2 as this minimises the functional changes required and impact on internal, and external, systems
DSG preferred solution option: (including rationale)	Solution options were discussed at DSG in July 2020, minutes available here, and Option 2 (option 3 at the point of presentation) was supported as having low/no impact to shippers.
Consultation closeout:	

Section E: Industry Response Solution Options Review

E1: Organisation's preferred solution option

User Contact Details:	Organisation:	Cadent
	Name:	Andy Clasper
	Email:	andy.clasper@cadentgas.com
	Telephone:	07884113385
Organisation's preferred solution option, including rationale taking into account costs, risks, resource etc.	Option 2	
Implementation Date:	Approve	
Xoserve preferred solution option:	Approve	
DSG preferred solution option:	Approve	
Publication of consultation response:	N/A	

E2: Xoserve' s Response

Xoserve Response to Organisations Comments:	Thank you for your representation, we will feed this into ChMC for a final decision.

E1: Organisation's preferred solution option

User Contact Details:	Organisation:	Northern Gas Networks
	Name:	Joanna Ferguson
	Email:	jferguson@northerngas.co.uk
	Telephone:	07883099616
Organisation's preferred solution option, including rationale taking into account costs, risks, resource etc.	NGN's preferred option for this change is option 2, as the cheapest and easiest change to address the issue.	

Implementation Date:	Approve	
Xoserve preferred solution option:	Approve	
DSG preferred solution option:	Approve	
Publication of consultation response:	N/A	

E2: Xoserve' s Response

Xoserve Response to Organisations Comments:	Thank you for your representation, we will feed this into ChMC for a final decision.

E1: Organisation's preferred solution option

User Contact Details:	Organisation:	EDF
	Name:	Eleanor Laurence
	Email:	eleanor.laurence@edfenergy.com
	Telephone:	07875117771
Organisation's preferred solution option, including rationale taking into account costs, risks, resource etc.	We support option 2 as we believe it offers the same outcome but with less change needed	
Implementation Date:	Approve	
Xoserve preferred solution option:	Approve	
DSG preferred solution option:	Approve	
Publication of consultation response:	N/A	

E2: Xoserve' s Response

Xoserve Response to Organisations Comments:	Thank you for your representation, we will feed this into ChMC for a final decision.

E1: Organisation's preferred solution option

	Organisation:	Wales & West Utilities

User Contact Details:	Name:	Smitha Couglan
	Email:	smitha.coughlan@wwutilities.co.uk
	Telephone:	07814584576
Organisation's preferred solution option, including rationale taking into account costs, risks, resource etc.	WWU's preferred option for this change is option 2.	
Implementation Date:	Approve	
Xoserve preferred solution option:	Approve	
DSG preferred solution option:	Approve	
Publication of consultation response:	N/A	

E2: Xoserve' s Response

Xoserve Response to Organisations Comments:	Thank you for your representation, we will feed this into ChMC for a final decision.

E1: Organisation's preferred solution option

User Contact Details:	Organisation:	SSE Energy Supply Limited
	Name:	Megan Coventry
	Email:	megan.coventry@sse.com
	Telephone:	02392277738
Organisation's preferred solution option, including rationale taking into account costs, risks, resource etc.	Option 2.	
Implementation Date:	Approve	
Xoserve preferred solution option:	Approve	
DSG preferred solution option:	Approve	
Publication of consultation response:	N/A	

E2: Xoserve' s Response

Xoserve Response to Organisations Comments:	Thank you for your representation, we will feed this into ChMC for a final decision.

: Organisation's preferred solution option

User Contact Details:	Organisation:	Scottish Power
	Name:	Helen Bevan
	Email:	Helen.Bevan@scottishpower.com
	Telephone:	
Organisation's preferred solution option, including rationale taking into account costs, risks, resource etc.	We are in support of Option 2 (Population of standard clause fields)	
Implementation Date:		
Xoserve preferred solution option:	Approve	
DSG preferred solution option:	Approve	
Publication of consultation response:	N/A	

E2: Xoserve' s Response

Xoserve Response to Organisations Comments:	Thank you for your representation, we will feed this into ChMC for a final decision.

Section F: Approved Solution Option

F1: Approved Solution Option

XRN Reference:	XRN5135
Solution Details:	**Solution Option 2** Population of standard clause fields in existing invoices with missing details in both UK Link and Gemini invoices SAP ISU: (Core UK Link) 1. INV File I05 record to be reused to populate Registered Name and Registered Address against ISC_LINE_1_TEXT and ISC_LINE_2_TEXT fields respectively 2. Registered Name and related address for the Shipper to be fetched from central source within UK Link 3. Change to Invoice production program for additional iteration of I05 to each INV file where new details will be populated based on field mappings Gemini: 1. Manual creation of additional standard clause records to include the invoice recipients registered name and address 2. Update of existing standard clause records where vendor address is not currently included 3. Ongoing maintenance of standard clause records in line with new market entrants and name and address changes Release Type – Minor+ High Level Cost - £75k* *This is based on the solution being progressed alongside a minor release For Option 2 the existing file formats and, where possible, functionality would be reused and, therefore, minimise the impact to the CDSP system infrastructure. It is our understanding that this would have little or no impact on Shippers as the changes would be made within the existing file formats. This option can be delivered as part of a minor release however due to its complexity, and manual elements, there will be additional resource effort and, therefore, the additional cost indicated.
Implementation Date:	01/02/2021
Approved By:	Change Management Committee
Date of Approval:	07/10/2020

Section G: Change Pack

G1: Communication Detail

Comm Reference:	2755.3 - RT - JR
Comm Title:	XRN5135 DNO and NTS Invoices to Shippers and DNs VAT compliance
Comm Date:	18/01/2021

G2: Change Representation

Action Required:	For representation
Close Out Date:	01/02/2021

G3: Change Detail

Xoserve Reference Number:	XRN5135
Change Class:	Functional System
ChMC Constituency Impacted:	Shipper Class A, Shipper Class B, Shipper Class C and DNs
Change Owner:	James Barlow james.barlow@xoserve.com
Background and Context:	Currently, not all data items defined as required, by HMRC, for an invoice to be considered VAT compliant in the UK, are present on all invoices issued by the CDSP to, or on behalf of, the DNs. The data items that have been identified as currently missing are: • Customer Registered Trading Name • Customer Registered Trading Address • Vendor Address *(Gemini only)* The full list of data items required is set out here. Invoices files to be considered in scope are: *UK Link* INV – Generic Invoice File *Gemini Invoices* IDB - Energy Balancing Invoice OTA - Optional Tariff NXC - NTS Exit Flat Capacity Invoice ECO - NTS Entry Commodity NTE - NTS Entry Capacity ECB - Entry Capacity Buy Back For a full breakdown of invoice and charge types that relate to the above Invoice File Types, please refer to the latest version of the

	"Xoserve Comprehensive Invoices Charge Types" document stored in the UK Link Documentation library. The Change Proposal for XRN5135 can be found here.

G4: Change Impact Assessment Dashboard (UK Link)

Functional:	Invoicing (UK Link)
Non-Functional:	Manual supporting data updates (Gemini)
Application:	UK Link and Gemini
User(s):	Shippers
Documentation:	None
Other:	N/A

Files				
File	Parent Record	Record	Data Attribute	Hierarchy, Format or Record Agreed
None	None	None	None	None

G5: Change Design Description

Within the initial Change Pack consultation two solution options were proposed and all representations were in support of the solution, defined below. This was ratified by Change Managers at the Change Management Committee (ChMC) meeting in October 2020.

UK Link
The change will utilise the existing I05 record (Invoice Clause) within the Generic Invoice File (INV) and populate an instance of this record with the Registered Name and Address of the invoice recipient in every instance of an INV.

For the avoidance of doubt, there are no changes to the format of the INV file or the I05 record nor to the file hierarchy i.e. the INV currently allows for 20 occurrences of the I05 record to be included. These details are shown below:

TITLE OF FILE FORMAT/RECORD		GENERIC INVOICE (.INV)	
DIRECTION OF FILE		CDSP TO SYSTEM USER	

Level	Record Name	Occurrence	Optionality
1	HD_A00_STANDARD_HEADER	1	M
1	RT_I56_INVOICE_DETAIL	1	M
2	RT_I59_INVOICE_ITEM_DETAIL	Up to 99	M
2	RT_I05_INVOICE_CLAUSE	Up to 20	M
2	RT_I57_ANCILLARY_SUPP_INFO	Up to 1000	O
2	RT_I58_INVOICE_REMITTANCE	Up to 1	M
3	RT_I60_INVOICE_REMIT_DETAIL	Up to 99	M
1	TR_Z99_STANDARD_TRAILER	1	M

RT_I05_INVOICE_CLAUSE

RECORD/FIELD_NAME *Occurs Max 20*	OPT	DOM	LNG	DEC	DESCRIPTION
TRANSACTION_TYPE	M	T	3	0	DEFINITION: A code identifying the type of request that this record represents VALUE: I05
ISC_LINE_1_TEXT	M	T	200	0	DEFINITION: The first 200 characters of the Textual statement which appears within an invoice.
ISC_LINE_2_TEXT	O	T	200	0	DEFINITION: 201st-400th characters of the Textual statement which appears within an invoice.
Total			403		

As above, both the "ISC_LINE_1_TEXT" and "ISC_LINE_2_TEXT" fields support a data type of text (T) and allow 200 characters. A data review has been completed and data held, that will be used to populate these fields for the purposes of providing the recipient's Registered Name and Address, does not exceed 200 characters therefore this data item will not need to be amended as part of this change proposal.

As the format of the INV file is comma delimited, a colon (:) will be used to separate the address lines within the ISC_LINE_2_TEXT field, see Example 1 below. For clarity, should an address field not be populated the colon will still populate, this is shown in Example 2 below. This was presented to the Delivery Sub-Group (DSG) for discussion on 14th December 2020 and no concerns were raised (meeting papers are available here). Please note, when this was taken to DSG there was to be a space included where a field held no data, subsequently it was found this was not required.

Example 1 – All Address Fields Used

Field Name	Content	Example(s)
TRANSACTION_TYPE	I05	I05
ISC_LINE_1_TEXT	Registered Name	Joe Bloggs LTD
ISC_LINE_2_TEXT	Registered Address	Bloggs Tower:Enterprise Park:Birmingham:B01 2AB

Example INV file with new I05 instance highlighted:

```
"A00",1234,"INV",202010114,152430,000001
"I56","JRB",1000001,"COM",2021,1,1.00,0.05,1.45,20210201,0.00,0.05,202010114,"GB123456789","99-99-99",
"11223344","Nat Grid Gas Shipper Billing","GB98745612","99999999","99-99-99","NTS","National Grid Gas Plc",
"1-3","Strand","London","WC2N 5EH","JRB01.PN000001.COM"
"I59",1000001,10000000001,"880",1.00,5.0000,"VA",0.05,1.05,"008"
"I05","THE INVOICE DUE DATE WILL BE THE 12TH DAY AFTER RECEIPT OF THE INVOICE OR OTHERWISE IN ACCORDANCE
WITH NETWORK CODE.",""
"I05","PAYMENT OF ANY AMOUNT SHALL BE MADE IN POUNDS STERLING TO THE BANK ACCOUNT DETAILED.","IF YOU ARE
ESTABLISHED IN THE EU AND NO UK VAT CHARGED ON THIS INVOICE, YOU NEED TO ACCOUNT FOR REVERSE CHARGE VAT
UNDER EITHER EU DIR 2006 112 ART 38, 44, 195, 196, OR UK DOMESTIC REVERSE CHARGE"
"I05","VAT ' ALL VAT CREDIT AMOUNTS SHOULD BE TOTALLED TOGETHER AND DEDUCTED FROM THE VAT SUMMARY TOTAL
(TOTAL VAT DEBITS) ONLY THE NET AMOUNT OF VAT SHOULD THEN BE INCLUDED IN YOUR VAT RETURN.",""
"I05","Joe Bloggs LTD","Bloggs Tower:Enterprise Park:Birmingham:B01 2AB"
"I58",20000100,1000001,,
"I60",10768730001,"880",1.05,,""
"Z99",8
```

Example 2 - Blank Address Field

Field Name	Content	Example(s)
TRANSACTION_TYPE	I05	I05
ISC_LINE_1_TEXT	Registered Name	Joe Bloggs LTD
ISC_LINE_2_TEXT	Registered Address	Bloggs Tower::Birmingham:B01 2AB

Example INV file with new I05 instance highlighted:

```
"A00",1234,"INV",202010114,152430,000001
"I56","JRB",1000001,"COM",2021,1,1.00,0.05,1.45,20210201,0.00,0.05,202010114,"GB123456789","99-99-99",
"11223344","Nat Grid Gas Shipper Billing","GB98745612","99999999","99-99-99","NTS","National Grid Gas Plc",
"1-3","Strand","London","WC2N 5EH","JRB01.PN000001.COM"
"I59",1000001,10000000001,"880",1.00,5.0000,"VA",0.05,1.05,"008"
"I05","THE INVOICE DUE DATE WILL BE THE 12TH DAY AFTER RECEIPT OF THE INVOICE OR OTHERWISE IN ACCORDANCE
WITH NETWORK CODE.",""
"I05","PAYMENT OF ANY AMOUNT SHALL BE MADE IN POUNDS STERLING TO THE BANK ACCOUNT DETAILED.","IF YOU ARE
ESTABLISHED IN THE EU AND NO UK VAT CHARGED ON THIS INVOICE, YOU NEED TO ACCOUNT FOR REVERSE CHARGE VAT
UNDER EITHER EU DIR 2006 112 ART 38, 44, 195, 196, OR UK DOMESTIC REVERSE CHARGE"
"I05","VAT ' ALL VAT CREDIT AMOUNTS SHOULD BE TOTALLED TOGETHER AND DEDUCTED FROM THE VAT SUMMARY TOTAL
(TOTAL VAT DEBITS) ONLY THE NET AMOUNT OF VAT SHOULD THEN BE INCLUDED IN YOUR VAT RETURN.",""
"I05","Joe Bloggs LTD","Bloggs Tower::Birmingham:B01 2AB"
"I58",20000100,1000001,,
"I60",10768730001,"880",1.05,,""
"Z99",8
```

The name and address of the invoice recipient will be taken from an existing source within
UK Link. This is maintained by the CDSP through the onboarding process and updated,
where required, following updates from System Users. Any changes made to this data within
the CDSP suite of systems will automatically feed the data presented in the INV File/I05
Records outlined in this Change Pack.

Gemini
Any functional changes to Gemini are out of scope of this change however there will be a
manual data update activity completed to ensure invoices produced by Gemini also contain
the relevant VAT compliance data items as specified earlier in this document.

The data update will utilise existing functionality within the Gemini system and will add
additional instances of standard clause records as per the below table:

Invoice Name	File Extension	Standard Clause Record
Energy balancing	IDB	D01
NTS Entry Capacity	NTE	N01
NTS Exit Capacity	NXC	X00
NTS Entry Commodity	ECO	D01
Optional Tariff	OTA	D01
NTS Entry Capacity Buyback	ECB	N01

G6: Associated Changes

Associated Change(s) and Title(s):	None

G7: DSG

Target DSG discussion date:	06/10/2020
Any further information:	None. Solution discussed and agreed to be considered within Change representations.

G8: Implementation

Target Release:	MiR9
Status:	For approval

Section H: Representation Response

«RangeStart:HDS»

H1: Change Representation

(To be completed by User and returned for response)

User Contact Details:	Organisation:	Northern Gas Networks	
	Name:	Helen Chandler	
	Email:	hchandler@northerngas.co.uk	
	Telephone:	07580704123	
Representation Status:	Support		
Representation Publication:	Publish		
Representation Comments:	NGN supports the solution option and approves of the change.		
Confirm Target Release Date?	Yes		«h1_userDataAlternative»

H1: Xoserve' s Response

Xoserve Response to Organisations Comments:	Thank you for your representation, we will feed this into ChMC for a final decision

Please send the completed representation response to uklink@xoserve.com

«RangeEnd:HDS»

H1: Change Representation

(To be completed by User and returned for response)

User Contact Details:	Organisation:	SSE Energy Supply Ltd
	Name:	Megan Coventry
	Email:	megan.coventry@sse.com

	Telephone:	02392277738
Representation Status:	Support	
Representation Publication:	Publish	
Representation Comments:	We agree that the DNO and NTS invoice VAT compliance changes are appropriate.	
Confirm Target Release Date?	«h1_targetDate»	«h1_userDataAlternative»

H1: Xoserve's Response

Xoserve Response to Organisations Comments:	Thank you for your representation, we will feed this into ChMC for a final decision

Version Control

Document

Version	Status	Date	Author(s)	Remarks
V1	With DSG	04/08/2020	Chan Singh	CP updated with discussions from DSG 27th July 2020
V2	With DSG	06/10/2020	Chan Singh	CP updated with discussions from DSG 28th September 2020
V3	Approved	07/10/2020	Kate Lancaster	Updated with Section D High Level Solution Options from September 2020 Change Pack
V4	Approved	07/10/2020	Jai Le Resche	Updated with Solution outcome from the ChMC meeting on 7th October
V5	With DSG	02/02021	Chan Singh	Updated with discussions from DSG 25th January 2021
V6	Approved	07/10/2020	Rachel Taggart	Detailed Design Change Pack added Updated with the outcome from ChMC meeting on 10th February