



Release 3 – Track 2 Market Trials Pre-Meet
5th November 2018
(updated)

Market Trials Preparation – Agenda

- Change Background
- Key Principles for Market trials
- Market Trial Preparation
- File Transfer Method
- Scenarios

Change Background

Change 4454 will implement the enduring solution for the separation of Cadent and National Grid Transmission.

The TGT short code will continue to be utilised for Cadent as the Distribution Network and NTS will be used for National Grid Transmission and will be associated to NTS Sites as the Transmission Network Operator.

Where previously certain files / reports would only contain TGT this will now reference TGT and / or NTS depending on the files / reports. Users should be aware that this may be a value to demonstrate NTS as its own independent Network.

As part of the interim arrangements UNC Modification 0592S - Separation of National Grid Transmission and Distribution owned networks - Transitional invoicing arrangements - was raised in preparation for the planned transfer of National Grid's gas distribution business from National Grid Gas plc (NGG) to National Grid Gas Distribution Limited (NGGD) using a reverse and rebill process for revenue to be collected by the relevant organisation. This workaround will cease on implementation of the change.

System Access

System access will be updated to reflect the National Grid/Cadent separation and the creation of the NTS short code. Access changes will be made to:

- CMS
- Portal
- DES
- Gemini

Configurations & Routings

Changes to:

- Reports including BW
- Templates
- IX Network & EFT File Transfer Channels
- Files

Key Principles for Market Trials

- NTS sites will setup and link to transmission which will reflect the relevant stakeholders for all their transactions
- All NTS charges(Transportation and Energy) will be issued on behalf of Transmission Network Operator and referenced within the supporting information file
- All LDZ charges will be issued on behalf of Distribution Network Operator and referenced within the supporting information file
- The Data Portfolio will be a cut down version of the production data which will be utilised for testing as of the 23rd October 2018.
- MPRN's to be used for testing will be issued prior to the start of Market Trials
- Portfolio will include a mix of class 1,2,3 and 4
- One cycle of Core Invoicing –Capacity , Commodity and Amendment
- To have specified reconciliation on the amendment invoice shipper's need to provide reads within the October read window for the specified MPRN's.
- Capacity Invoice NTS admin charge is only applicable for shippers who have sites attracting these charges and limited to shippers who have these sites within the data portfolio
- Meter asset Invoice sites configured against asset owner will be reflected in the test environment. This data will be shared prior to testing. This will be limited to the shippers who currently have special meter sites.

File Transfer Principles

During Market Trials period all parties are requested to follow the below rules to ensure files are configured properly and sent correctly to MT environment for processing and output generation

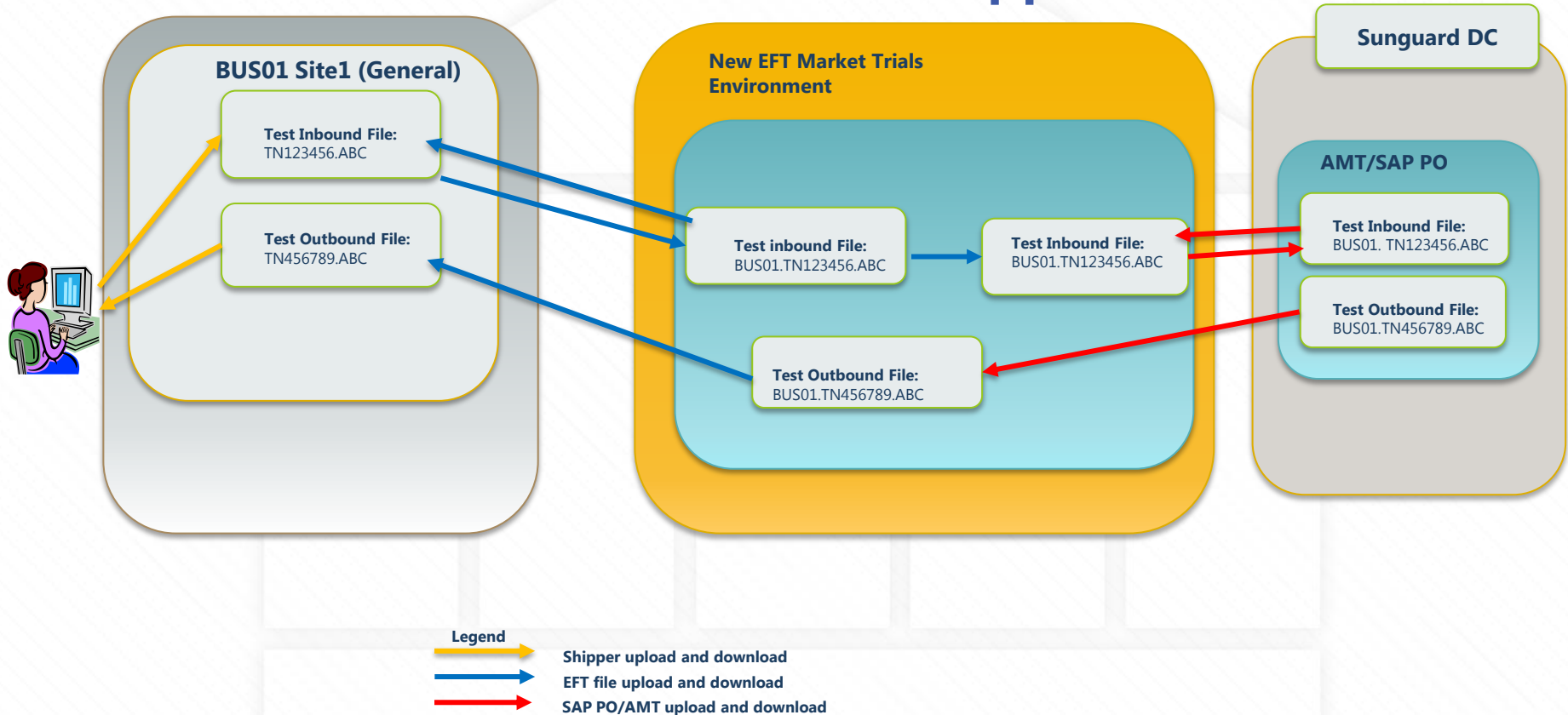
Description	Shipper	Non Shipper
File Format	8.3	5.8.3
File name sample	TNxxxxxx.ABC	UKL01.TNxxxxxx.ABC
Outbound file directory	E:\XXXXXX\ix_inbox	E:\XXXXXX\ix_inbox
Intermediate Move directory (Outbound Files)	E:\XXXXXX\General\export	E:\XXXXXX\BGT01\export
Inbound	E:\XXXXXX\General\import	E:\XXXXXX\BGT01\import

PLEASE NOTE:

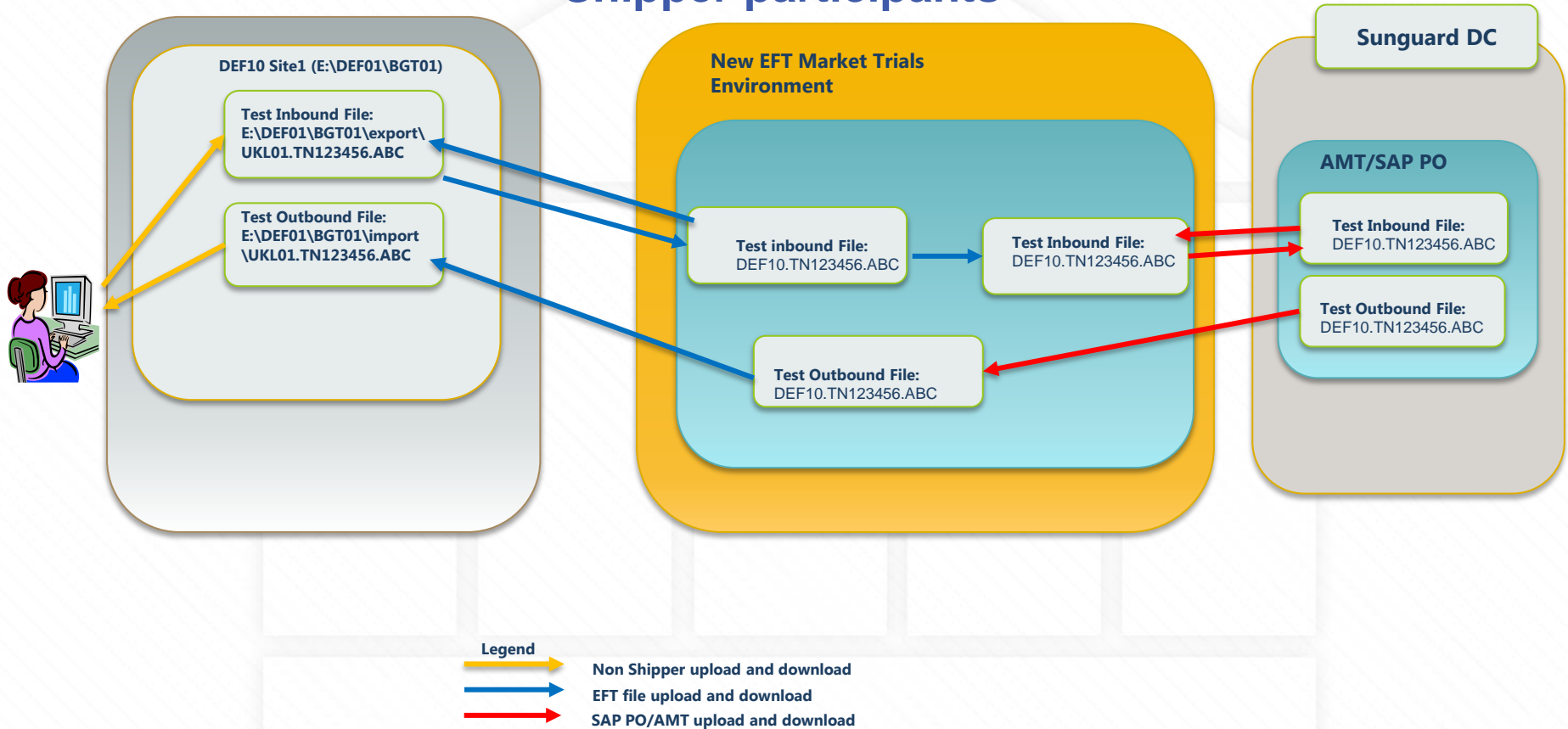
Shippers should ensure outbound files are moved to the correct folders as stated below

- Market Trial files to E:\XXXXXX\General\export
- **If the above is not done correctly then files will be moved to an error folder and this will delay the processing of files. Also, it may corrupt data in the production UKLink system.**
- **Use only File name starting with TNxxxxxx.ABC not PNxxxxxx.ABC**
- **Please do not send duplicate files –stakeholders should not send files that have already been sent to Xoserve previously and have been processed successfully**

File Exchange Process flow Representation through Market Trials for Shippers



File Exchange Process Representation through Market Trials -Non Shipper participants



Market Trial Preparation

Xoserve	Status	Xoserve	Shipper	Distribution	Transmission
Issue Portfolio		✓	X	X	X
Portfolio Recipient		X	✓	✓	✓
Issue Pricing Templates		✓	X	X	X
Pricing Template Recipient		X	X	✓	✓
Issue RTB submission Templates		✓	X	X	X
RTB Template Recipient		X	X	✓	✓
Identify Shipper and Network Groups for Testing	Complete	✓	X	X	X
Issue Invoice to charge mapping rules		✓	X	X	X
Participants to provide necessary email ids	Complete	✓	✓	✓	✓
Transmission to provide the shared area location where to place the NTS files		X	X	X	✓
Connectivity Testing (12 th November)		X	✓	✓	✓
Log on information for systems provided		✓			

Read Submission

CR Title/Description	Scenario			Rules	
Read Submission for Amendment trigger	Submit Class 2,3, and 4 reads to facilitate the Amendment Invoice trigger			<ul style="list-style-type: none"> Triggers for amendment charges is up to and including 31st October Submit reads as per normal read cycle 	
Stakeholder	Frequency	Files Incoming	Files Outgoing	What to Send in the file	What to Verify
Shipper	19- 23 Nov 2018	UDR	URS	Submit Read which is greater than the previous read which will get accepted in the System	The Reads is accepted and the response is sent out
Shipper	19- 23 Nov 2018	UMR	URS	Submit Read which is greater than the previous read which will get accepted in the System	The Reads is accepted and the response is sent out
Shipper	19- 23 Nov 2018	UBR	URS	Submit Read which is greater than the previous read which will get accepted in the System	The Reads is accepted and the response is sent out

Core Invoicing

Process	Planned Date	Outgoing	File Details	Comments	Shipper	Distribution	Transmission
Capacity	19-Nov-2018	INV	Generic Invoice	Bank account Details for relevant Transmission and Distribution organizations	✓	X	X
	19-Nov-2018	ZCS	LDZ Capacity Invoice (First Level of Supporting Information)	884 NTS transmission charges only. Must have sites attracting this charge to see any changes.	✓	X	X
Commodity	21-Nov-2018	INV	Generic Invoice	Bank account Details for Transmission and Distribution	✓	X	X
	21-Nov-2018	COM	Commodity Invoice (Supporting File)	Will reflect NTS network short code for all NTS charges to match back to invoice file and for payment to relevant organization	✓	X	X
	26-Nov-2018	COI	Core Commodity Supporting Information (second level of thick files)	Will reflect NTS network short code for all NTS charges to match back to invoice file and for payment to relevant organization	✓	X	X
Amendment	27-Nov-2018	INV	Generic Invoice	Bank account Details for Transmission and Distribution	✓	X	X
	27-Nov-2018	ASP	Core Amendments Invoice (Supporting File)	Will reflect NTS network short code for all NTS charges to match back to invoice file and for payment to relevant organization	✓	X	X
	29-Nov-2018	AML	Core Amendment Supporting Information (thick files)	Will reflect NTS network short code for all NTS charges to match back to invoice file and for payment to relevant organization	✓	X	X

Ancillary Invoicing

Process	Planned Date	Incoming	Outgoing	File Details	Comments	Shipper	Distribution	Transmission
Pricing	28-Nov-2018	PCD		Pricing template submission		X	✓	✓
	30-Nov-2018		PCR	Pricing Template Response		X	✓	✓
Scheduled Ancillary					<ul style="list-style-type: none"> MAS and ADP Invoice types. Must have sites attracting this charge to see any changes. Bank account Details for Transmission and Distribution 			
	30-Nov-2018		INV	Generic Invoice		✓	X	X
	23-Nov-2018		MIF	Meter Asset Invoice Supplementary Report		✓	X	X
					<ul style="list-style-type: none"> LPG Invoice. Must have sites attracting this charge to see any changes. Bank account Details for Transmission and Distribution 			
	19-Nov-2018		INV	Generic Invoice		✓	X	X
	19-Nov-2018		LPG	LPG Supporting Information		✓	X	X
	19-Nov-2018			LPG Report				
Un-Scheduled Ancillary	30-Nov-2018	RTB		Request to Bill template		X	✓	✓
					<ul style="list-style-type: none"> Varied Invoice issued out. By request. I57in the .INV file will contain details of charges. Bank account Details for Transmission and Distribution 			
	30-Nov-2018		INV	Generic Invoice				
	19 Nov to 7 Dec 2018		SIF	Accounts Receivable Details		X	✓	✓
	19 Nov to 7 Dec 2018		SIR	Accounts Receivable Details		X	✓	✓
	29-Nov-2018 and 30-Nov-2018			Neutrality Report		X	X	✓

Nomination ,Confirmation and Referral

CR Title/Description	Scenario		Data Conditions	Special Data Conditions
Nomination and Confirmation	Nomination and Confirmation of site and Referral via UKLink Portal Portfolio file generation		<ul style="list-style-type: none"> MPRN's in the portfolio NTS directly connected Site 	
Stakeholder	Files Incoming	Files Outgoing	What to Send in the file/ Action performed by Logging to Portal	Checks
Shipper	NOM	NMR	Shippers need to submit LDZ Sites requesting capacity change , LDZ Optional rate and NTS Optional Rate. This will trigger a referral to the Networks	NMR response is sent across to the shipper
NTS TNO Login to the UKLink portal	NA	NA	Login to the UKLink Portal and navigate to the "Select Nomination Referrals" screen.	NTS-TNO gets NTS Optional Rate referral NTS-DNO gets LDZ Optional Rate referral
Shippers		NRF		After the Nomination Referral is "Accepted" NRF response file is sent to the Shippers
Shipper	CNF	CFR	Shipper sends a confirmation file	Shipper receives the confirmation response
Xoserve		TRF	This is triggered from Xoserve to the Shipper on D-2 of the Confirmation effective date	No Error response is been sent out
Xoserve		MRI	This is triggered from Xoserve to the Shipper on D-2 of the Confirmation effective date	No Error response is been sent out
Network		SDM		New NTS file is sent out for DM meter points which are Firm and Interruptible in UKLink and DM meter points with special needs, priority supply points in UKLink
Network		EWS		National grid emergency file goes to cadent
Network		DDU		New NTS file is sent out for DDU with NTS specific data

Apply/Revoke Sanction

CR Title/Description	Scenario		Data Conditions	Special Data Conditions
Apply Sanction	Applying sanction on a shipper via UKLink Portal. By logging in as a TNO user. After that the Nomination request for the shipper will get rejected. On Removing the sanction the Nomination request must get accepted		<ul style="list-style-type: none"> NTS site which can be used for placing the Nomination Request 	
Stakeholder	Files Incoming	Files Outgoing	What to Send in the file/ Action performed by Logging to Portal	Checks
Network TNO user	Log in to the UKLink portal with the credential and apply the sanction	NA	Sanction is applied on the shipper	Sanction is applied on the shipper
Network TNO user	Log in to the UKLink portal with the credential and revoke the sanction		Sanction is revoked on the shipper	Sanction is revoked on the shipper

Portal Access and Roles

CR Title/Description	Scenario	Data Conditions	Special Data Conditions
Portal Access	User creation and roles assignment using LSO via Portal	<ul style="list-style-type: none"> TNO DNO 	
Stakeholder	Screen Operation		Checks
TNO	<ul style="list-style-type: none"> TNO user logging to the Portal to check the System access, user access and roles assigned 		<p>TNO users should be able to view the below screens: Amendment Referrals, Nomination Referrals, Meter Asset, GSR Data Extract.</p> <p>Portal - Show, NTS – TNO site displays the correct Network details in DES and Shipper Portal against the MPRN.</p>
DNO	<ul style="list-style-type: none"> DNO user logging to the Portal to check the System access, user access and roles assigned 		DNO specific services and roles should be present

BW Reports

CR Title/Description	Scenario		Data Conditions		Special Data Conditions
BW Reports	Verify the BW Reports				
Stakeholder	Report Outgoing	Description	Route	Checks	
		TBC – Requested BW reports are currently being reviewed and availability to Market Trials will be confirmed			

CMS Testing

CR Title/Description	Scenario	Data Conditions	Special Data Conditions
CMS Access	CMS access for raising DTL,DUP,GSR contact	<ul style="list-style-type: none"> NTS site TGT site 	
Stakeholder	Screen Operation	Description	Checks
TNO	<ul style="list-style-type: none"> TNO Login and Raise a GSR contact Xoserve passes back to Network queue for clarification TNO provides clarification Xoserve closes the contact 	GSR contact logged by TNO through Screen, Categorized as RTN, Contact closed as valid	Data is visible to TNO TNO queues are visible to NTS
TNO	<ul style="list-style-type: none"> Shipper raising DUP contact for NTS (GT MPRN)through UI screen and the Meter point status should be amendend as EX in UKLink. Valid data should be provided through UI screen by TNO for NTS(GT meter point). CRN should be generated. Valid MPRN should be entered. There should not be any unresolved request for remove duplicate meter point Process user who raised DC and Valid response should be received from Shipper. contact should be resolved 	DUP contact logged by TNO through Screen	Data is visible to TNO TNO queues are visible to NTS
TNO	<ul style="list-style-type: none"> Xoserve raising DTL contact on behalf of shipper through screen for NTS (GT meter point). Process user raises SV and TNO should provide valid response, MPRN status should be updated. CRN should be generated. If the Input provided by Originator for Meter Point Status To is "Dead" and Meter point address is not present on UK Link or mandatory data is missing in the address then Request should be assigned to Process User to raise SV and valid response should be retrieved from TNO. Contact should be Closed as valid and Meter point status should be updated accordingly. 	DTL contact logged by TNO through Screen	Data is visible to TNO TNO queues are visible to NTS

CMS Testing

CR Title/Description	Scenario	Data Conditions	Special Data Conditions
CMS Access	CMS access for raising MNC,FOM contact		
Stakeholder	Screen Operation	Description	Checks
TNO	<ul style="list-style-type: none"> TNO raising MNC contact through screen and meter point should be created in SAP. Associated MPRN Status should be "DEAD" or "Extinct" OR "LI" BTI file should be Downloaded; Response files, VAD & REA should be generated. Files should be uploaded through UI Screen. 	MNC contact logged by TNO	All the contacts which are in AMNC/AWAC status should be fetched and the Address and MPRN should be created on UK Link
TNO	<ul style="list-style-type: none"> TNO raising FOM contact through screen and meter point should be created in SAP. Associated MPRN Status should be "DEAD" or "Extinct" OR "LI" BTI file should be Downloaded; Response files, VAD & REA should be generated. Files should be uploaded through UI Screen. 	FOM contact logged by TNO	All the contacts which are in AMNC/AWAC status should be fetched and the Address and MPRN should be created on UK Link
TNO	<ul style="list-style-type: none"> TNO raising FOM contact through QMP file and address should be created in UKLink. Associated MPRN Status should be "DEAD" or "Extinct" OR "LI" BTI file should be Downloaded; Response files, VAD & REA should be generated. Files should be uploaded through UI Screen. 	FOM contact logged by TNO	All the contacts which are in AMNC/AWAC status should be fetched and the Address and MPRN should be created on UK Link