# XOserve

630R Workgroup - 7<sup>th</sup> January 2019

#### **Purpose**

- UNC Drafting to be provided to Ofgem Programme by end of March 2019
- Principles relevant to UNC presented to 0630R Workgroup
  - Obtain UNC level requirements
- Central Switching Service (CSS) Development Subgroup (DSG) is assessing solution principles
  - Subgroup of DSC Change Management
- Common discussion points between 630R and CSS DSG
  - CSS DSG meetings planned on:
    - 9<sup>th</sup> January 2019
    - 22<sup>nd</sup> January 2019
    - [early] February 2019
    - [later] February 2019



#### Agenda - 630R

- Background slides from 17<sup>th</sup> December 2019 630R group for reference at back of slide deck
  - Unless requested, not planned for discussion
- Scope
  - Update on In-scope Supply Meter Points
  - Agree processes descoped from UNC
- Content of post CSS Supply Point Administration Flows
  - Nomination equivalent 'Nom'\*\*
  - Confirmation equivalent 'Shell'\*\*
  - NB: \*\* It is expected that these names will change during UNC drafting
- Default values
  - Circumstances where Default values are to be applied
- Contact information
  - Large Site Data Emergency / Large Site / Interruptible Contacts
  - Priority Consumer Data
    - Change of Tenancy
- Response flows Understanding User requirements from UNC perspective



## Agenda – 630R - continued

- Market Participant Data
  - MDD Process
  - Commercial Relationship Data
  - Regulatory Relationship Data
- MAP Identity
- Opening Meter Reading Window
- Metering Information (RGMA Flows)
- Other questions



### Scope

- Update on In-scope Supply Meter Points
  - NTS SMPs excluded from CSS
  - Assumed to be 'In Scope'
    - Shared Supply Meter Points NB: CSS CR Deferred
    - Twinstream
    - [Others?]



#### Scope

- For In Scope Supply Meter Points, the following processes are no longer required:
  - Withdrawal Replaced by Supplier led 'Deregistration' process in CSS and Retail Energy Code (REC)
  - Objection Replaced by Supplier led 'Switch Request Objections' process in CSS and REC
  - Confirmation Cancellation Replaced by Supplier led 'Withdrawal' process in CSS and REC
- As such will be removed from relevant Section G drafting



#### **Supply Point Amendment**

- UNC Section G defines data items that can be amended outside a Confirmation
- This needs to change due to data being mastered via CSS:
  - Change in supplier where there is no change of Registered User
  - Change in Market Sector Code
- Others currently expected to be unchanged:
  - Change in Supply Point Capacity
  - Change in Supply Point Offtake Rate
  - Change in Meter Read Frequency
  - Change of Meter Reader
  - Change in User Emergency Contacts
  - Change in any details maintained pursuant to Standards Special Condition A50(8)
  - Change of Class User
  - Meter Asset Manager ID
  - Gas Act Owner
  - Any other detail specified in the UK Link Manual as capable of being modified by Supply Point Amendment
  - Change in [Meter Point Location Address\*\*] Meter Post Code
  - Change in NTS Optional Commodity Rate

<sup>\*\*</sup> CSS introduces the Retail Energy Location Address – this will be mastered via CSS, MPL remains Transporter responsibility



#### Content of SPA Flows – post CSS

- CSS flows will trigger Registration Changes
- Changes context of existing SPA Flows scope of process assessment Nomination and Confirmation processes
- Content of post CSS Supply Point Administration Flows
  - Nomination equivalent 'Nom'\*\*
  - Confirmation equivalent 'Shell'\*\*
  - NB: \*\* It is expected that these names will change during UNC drafting
- Shipper to CDSP Flows:



Microsoft Excel
Worksheet



- Need to retain a trigger to existing Referral process for specific Supply Meter Points:
  - Daily Metered
  - Interconnector
  - LDZ Direct Connections
  - Connected System Operator
  - Shorthaul
- For these Supply Meter Points the 'Nomination' equivalent will precede the 'Confirmation' equivalent.
  - Nomination Reference will be included within the Confirmation Reference



Proposed content (optionality relates to existing records):

Record	Record Description	Data Items	Optionali ty	NOM
A00	HEADER	ORGANISATION ID	M	Υ
NEW		Registration Identifier	0	Υ
S48	SMP NOMINATION REQ	NOMINATION SHIPPER REF	0	Υ
S48	SMP_NOMINATION_REQ	SITE_WORKS_REFERENCE	0	Υ
S48	SMP_NOMINATION_REQ	REQUESTED_DM_SOQ	0	Υ
S48	SMP_NOMINATION_REQ	REQUESTED_DM_SHQ	0	Υ
S48	SMP_NOMINATION_REQ	SUPPLY_METER_POINT_CLASS	М	Υ
S48	SMP_NOMINATION_REQ	SEASONAL_LSP_INDICATOR	0	Υ
S48	SMP_NOMINATION_REQ	SEAS_LSP_PERIOD_START_MTH	0	Υ
S48	SMP_NOMINATION_REQ	SEAS_LSP_PERIOD_END_MTH	0	Υ
S69	NOM_SUPPLY_METER_POINT	METER_POINT_REFERENCE	М	Υ
U70	NTS Optional Rate Request	NTS_OPTIONAL_RATE_APPLICABLE	М	Υ
U70	NTS Optional Rate Request	SPECIFIED_EXIT_POINT	М	Υ
U70	NTS Optional Rate Request	SPECIFIED_ENTRY_POINT	0	Υ
U70	NTS Optional Rate Request	SPECIFIED_ENTRY_POINT_NAME	0	Υ
U70	NTS Optional Rate Request	GRID_REFERENCE_ENTRY_POINT	0	Υ
U70	NTS Optional Rate Request	GRID_REFERENCE_EXIT_POINT	0	Υ
U72	LDZ Optional Rate Request	LDZ_OPTIONAL_RATE_APPLICABLE	М	Υ
U72	LDZ Optional Rate Request	SPECIFIED_EXIT_POINT	М	Υ
U72	LDZ Optional Rate Request	GRID_REFERENCE_ENTRY_POINT	0	Υ
U72	LDZ Optional Rate Request	GRID_REFERENCE_EXIT_POINT	0	Υ



### Proposed Defaults to Non Null Value:

Record	Record Description	▼ Data Items	▼ Optionali ▼	NOM ¬	Shell	▼ Default 🔄	Default Rules	Other default options (DA):
S48	SMP NOMINATION REQ	REQUESTED DM SOQ	0	Y	N	Y	Retain existing DM SOQ from the current Supply Point.	Other options exist, if not provided: - If Default to Class 4; use NDMSOQ Use alternative ratio - rules to be defined. E.g. EUC 9 rules [Others]
0.0	July Tremmin triest Tree	medoro i es			<u> </u>	T.	ouppry round	Other options exist, if not provided:
							Retain existing DM SHQ from the current	- Default to alternative ratio values?
S48	SMP_NOMINATION_REQ	REQUESTED_DM_SHQ	0	Υ	N	Υ	Supply Point.	- [Others]
								Otherwise MRF detail to be provided via 'Shell'.
								Default rule associated to non receipt of Shell: Proposed: Where the MP AQ is >= 293,000 kWh default to 'Monthly', otherwise 'Annual'.
							In the context of the 'Nomination'	Other options: - Retain existing MRF from the current Supply Point.
S48	SMP NOMINATION REQ	MRF TYPE CODE	О	N	Υ	Υ	process, this is expected to be Daily only.	- [Others]
548	SMP_NOMINATION_REQ	SUPPLY_METER_POINT_CLASS	м	Υ	Y	Y	In the context of the 'Nomination' process, Shipper must be able to select Class 1 / 2 within Nomination.	Need to assess against the outcome of UNC modification 0665.  Default rule associated to non receipt of Shell: Proposed: Where the MP AQ is >= 58.6MWh default to 'Class 1', otherwise 'Class 4'.  Other options: Retain existing Class from the current Supply Point [Others]
		Natural Parismetics of October		N -				
		Network Designation of Ratchet Charge (UNC Modification 0665)		Response ONLY	N	v	Carryover	
		Charge (ONC Modification 6003)		ONLI	IN .	<u>'</u>	Carryover	Other options exist, if not provided: - Deemed to create a further annual contract?
S48	SMP_NOMINATION_REQ	SEASONAL_LSP_INDICATOR	0	Υ	N	Υ	Keep current if prior to anniversary	- [Others]
S48	SMP NOMINATION REQ	SEAS LSP PERIOD START MTH	o	Y	N	Y	Existing Start Month will be provided (retrospective date).	Other options exist, if not provided:  - Deemed to create a further annual contract?  - [Others]
J-10	SIVII _NOIVIIINATION_NEQ	SERS_ER TERIOD_START_WITH	J			'	trenospective date).	Other options exist, if not provided:
S48	SMP_NOMINATION_REQ	SEAS_LSP_PERIOD_END_MTH	О	Υ	N	Υ	Existing End Month will be provided.	- Deemed to create a further annual contract? - [Others]



### Proposed Defaults to Null:

Record ▼	Record Description	Data Items	Optionali	NOM	▼Shell	▼ Default	▼ Default Rules	Other default options (DA):
								This data item is not relevant to the Nomination
								process.
								Proposed default rule will only be necessary if Class
								3 is used as a Class default, in which case, this may
								default to 'Retain existing Batch Frequency from the
								current Supply Point'.
S48	SMP_NOMINATION_REQ	METER_READ_BATCH_FREQUENCY	0	N	Y	Y - Null	Blank	- [Others?]
U70	NTS Optional Rate Request	NTS_OPTIONAL_RATE_APPLICABLE	M	Υ	N	Y - Null	Shorthaul rate not applied.	- [Others]
							Proposed rules to remove Shorthaul tariff	
							if not specified, mean that default is not	
U70	NTS Optional Rate Request	SPECIFIED_EXIT_POINT	M	Υ	N	Y - Null	needed.	
							Proposed rules to remove Shorthaul tariff	
							if not specified, mean that default is not	
U70	NTS Optional Rate Request	SPECIFIED_ENTRY_POINT	0	Υ	N	Y - Null	needed.	
							Proposed rules to remove Shorthaul tariff	
							if not specified, mean that default is not	
U70	NTS Optional Rate Request	SPECIFIED_ENTRY_POINT_NAME	0	Υ	N	Y - Null	needed.	
							Proposed rules to remove Shorthaul tariff	
							if not specified, mean that default is not	
U70	NTS Optional Rate Request	GRID_REFERENCE_ENTRY_POINT	0	Υ	N	Y - Null	needed.	
							Proposed rules to remove Shorthaul tariff	
							if not specified, mean that default is not	
U70	NTS Optional Rate Request	GRID_REFERENCE_EXIT_POINT	0	Υ	N	Y - Null	needed.	
U72	LDZ Optional Rate Request	LDZ_OPTIONAL_RATE_APPLICABLE	M	Υ	N	Y - Null	Shorthaul rate not applied.	- [Others]
							Proposed rules to remove Shorthaul tariff	
							if not specified, mean that default is not	
U72	LDZ Optional Rate Request	SPECIFIED_EXIT_POINT	M	Υ	N	Y - Null	needed.	
							Proposed rules to remove Shorthaul tariff	
							if not specified, mean that default is not	
U72	LDZ Optional Rate Request	GRID_REFERENCE_ENTRY_POINT	0	Υ	N	Y - Null	needed.	
							Proposed rules to remove Shorthaul tariff	
							if not specified, mean that default is not	
U72	LDZ Optional Rate Request	GRID_REFERENCE_EXIT_POINT	О	Υ	N	Y - Null	needed.	



### Content of SPA Flows – post CSS – Settlement Detail (aka Shell record)

- Majority of Supply Meter Points can be direct to provision of Settlement Detail
- Change of Tenancy indicator contained in CSS flows but not passed to UKL
  - Remove from Data Model for in scope processes
- Settlement detail cannot be mandated since the Confirmation is no longer mastered since the CSS flow generates registration activity, consequently defaults are required
- Conditionality will be applied to enable provision of necessary data, for example:
  - A registration can go live without the Shipper having provided Emergency Contact details, but .....the Settlement Detail can have conditionality applied so that the Settlement Detail is not accepted where Emergency Contact Details are necessary



## Content of SPA Flows - post CSS - Settlement Detail (aka Shell record)

- Proposed content (optionality relates to existing records):
  - Highlights:
  - Address data to not expected within Settlement Details
  - Contact details included

_			Optionali		_
		Data Items •	-7	Shell	Ţ,
A00	HEADER	ORGANISATION_ID	М	Υ	_
NEW		Registration Identifier	0	Υ	_
S38	SMP_OFFER_CONFIRMATION	TRANSPORTER_NOMINATION_REFEREN	M	Υ	
S38	SMP_OFFER_CONFIRMATION	NOMINATION_SHIPPER_REF	0	Υ	
S38	SMP_OFFER_CONFIRMATION	SP_MANNED_24_HOURS_INDICATOR	M	Υ	
S38	SMP_OFFER_CONFIRMATION	PREMISES_CUSTOMER_NAME	0	Υ	
S38	SMP_OFFER_CONFIRMATION	SHIPPERS_CUSTOMER_NAME	0	Υ	
S38	SMP_OFFER_CONFIRMATION	SUPPLIER_ORGANISATION_ID	M	Υ	
S66	CONTACT_DETAILS	CONTACT_TYPE	M	Υ	
S66	CONTACT_DETAILS	CONTACT_TITLE	0	Υ	
S66	CONTACT_DETAILS	CONTACT_SURNAME	0	Υ	
S66	CONTACT_DETAILS	CONTACT_INITIALS	0	Υ	
S66	CONTACT_DETAILS	CONTACT_FIRST_NAME	0	Υ	
S66	CONTACT_DETAILS	CONTACT_JOB_TITLE	0	Υ	
S66	CONTACT_DETAILS	CONTACT_EFFECTIVE_DATE	M	Υ	
S67	ELECTRONIC_DEVICE	CONT_ELECTRONIC_COMM_TYPE	M	Υ	
S67	ELECTRONIC_DEVICE	CONTACT_ELECTRONIC_ADDRESS	M	Υ	
S42	DIRECT SMP CONFIRMATION	NOMINATION SHIPPER REF	0	Υ	
S42	DIRECT SMP CONFIRMATION	METER POINT REFERENCE	0	Υ	_
S42	DIRECT SMP CONFIRMATION	MRF TYPE CODE	0	Υ	_
S42	DIRECT SMP CONFIRMATION	PREMISES CUSTOMER NAME	0	Υ	_
S42	DIRECT SMP CONFIRMATION	SHIPPERS CUSTOMER NAME	0	Υ	_
S42	DIRECT SMP CONFIRMATION	SUPPLIER ORGANISATION ID	M	Υ	_
S42	DIRECT SMP CONFIRMATION	SUPPLY METER POINT CLASS	M	Y	_
S42	DIRECT SMP CONFIRMATION	METER READ BATCH FREQUENCY	0	Y	_
S66	CONTACT DETAILS	CONTACT TYPE	M	Y	_
S66	CONTACT DETAILS	CONTACT TITLE	0	Y	_
S66	CONTACT DETAILS	CONTACT SURNAME	0	v	_
S66	CONTACT DETAILS	CONTACT INITIALS	0	Y	_
S66	CONTACT DETAILS	CONTACT FIRST NAME	0	v	_
S66	CONTACT DETAILS	CONTACT_INIST_NAME	0	Y	_
S66	CONTACT DETAILS	CONTACT EFFECTIVE DATE	М	Y	_
S67	ELECTRONIC DEVICE	CONT ELECTRONIC COMM TYPE	M	Y	_
S67	ELECTRONIC DEVICE	CONTACT ELECTRONIC ADDRESS	M	Y	_
S83	END CONSUMER DETAILS	CONTACT PASSWORD	0	Y	_
S83	END CONSUMER DETAILS	GENERAL SPECIAL NEEDS NOTES	0	v	_
S83	END CONSUMER DETAILS	CONTACT PASSWORD	0	V	_
S83			0	Y	_
S83	END_CONSUMER_DETAILS END CONSUMER DETAILS	CONTACT_GENERAL_PRIORITY_SERVICE_NOTES  LANGUAGE (ADDITIONAL INFORMATION)	0	Y	_
			0	1	_
583	END_CONSUMER_DETAILS	ALTERNATE PRIORITY SERVICE CONTACT NAME	0	Y	_
S83	END_CONSUMER_DETAILS	ALTERNATE_PRIORITY_SERVICE_CONTACT_PHONE_NUMBER_1	-	-	_
S83	END_CONSUMER_DETAILS	ALTERNATE_PRIORITY_SERVICE_CONTACT_PHONE_NUMBER_2	0	Y	_
S84	SPECIAL_CONDITIONS	PRIORITY_SERVICE_CATEGORY	M	Y	_
S84	SPECIAL_CONDITIONS	CONSENT_TO_SHARE_DATA_OBTAINED	M	Y	_
S84	SPECIAL_CONDITIONS	PSR_CODE_EXPIRY_DATE	0	Υ	_
T05	Confirmation Cancellation Request	SUPPLY_POINT_CONFIRMATION_REF	М	Υ	_
T05	Confirmation Cancellation Request	NOMINATION_SHIPPER_REF	0	Υ	_
T05	Confirmation Cancellation Request	METER_POINT_REFERENCE	M	Υ	_
T05	Confirmation Cancellation Request	CANCELLATION_REASON_CODE	M	Υ	



# Content of SPA Flows - post CSS - Settlement Detail (aka Shell record)

#### Proposed Defaults to Non Null Value:

			Option	ali						
Record ▼	Record Description	▼ Data Items	₹ ty	▼ Sł	hell	▼ Defa	ault 🗷	Default Rules	Other Default Options (DA):	Comments
1		-//						Where the MP AQ is >= 293,000	Other options:	
								kWh default to 'Monthly',	- Retain existing MRF from the current	
								otherwise 'Annual'.	Supply Point.	
S42	DIRECT_SMP_CONFIRMATION	MRF_TYPE_CODE	0	Υ		Υ		Other options	- [Others]	
								Default rule associated to non	Other options:	Need to assess against the outcome of
								receipt of Shell: Proposed: Where	- Retain existing Class from the current	UNC modification 0665 as this may
								the MP AQ is >= 58.6MWh default	Supply Point.	mandate an alternative Class based on
S42	DIRECT_SMP_CONFIRMATION	SUPPLY_METER_POINT_CLASS	М	Υ		Υ		to 'Class 1', otherwise 'Class 4'.	- [Others]	Network Designation.
									Other options exist, if not provided:	
									- If Default to Class 4; use NDMSOQ.	
		•							- Use alternative ratio - rules to be	Would need to be provided via a
								Retain existing DM SOQ from the	defined. E.g. EUC 9 rules.	Nomination equivalent if change
S42	DIRECT_SMP_CONFIRMATION	REQUESTED_DM_SOQ	0	N		Υ		current Supply Point.	- [Others]	required
								·	Other options exist, if not provided:	Would need to be provided via a
								Retain existing DM SHQ from the	- Default to alternative ratio values?	Nomination equivalent if change
S42	DIRECT_SMP_CONFIRMATION	REQUESTED_DM_SHQ	0	N		Υ		current Supply Point.	- [Others]	required



## Content of SPA Flows - post CSS - Settlement Detail (aka Shell record)

- Proposed Defaults to Null:
  - Highlights:
    - Customer Details
    - Large Site Contact Details
    - Priority Consumer Details
    - Meter Reading Batch Frequency

Section   Sect								
Other cyclines costs:				Optionali				
Description continues   Description continues   Description continues   Description continues   Description continues   Description continues   Description   Descriptio	Record *	Record Description	Data Items 🔻	ty -	Shell +	Default J	Default Rules 🔻	Other Default Options (DA):
Map OFFEE CONFIDENTION   PARMISE CRITICATE NAME   0   V   V, Null Remove data.   Others								Other options exist:
1985   Sep OFFEE CONTINUATION			200					
Section   Sect	c20	CAMP OFFER CONFIDENTION	ER MANUER 34 HOURS INDICATOR			w Marill	n data	
Section   Sect	330	SMF_OFFER_CONFIRMATION	SF MANNED 24 HOURS INDICATOR	IN	-	1 - NUII	Remove data.	· [Others]
Section   Sect			(C)					
Section   Sect	S38	SMP_OFFER_CONFIRMATION	PREMISES_CUSTOMER_NAME	0	Y	Y - Null	Remove data.	
CONTACT DETAILS								
CONTACT DETAILS								
Section   Contract Pitted   Contract Pitted   Contract Pitted   Contract Pitted   Contract Pitted   Contract Pitted   Contract Supposed   Contract Pitted	S38	SMP_OFFER_CONFIRMATION	SHIPPERS_CUSTOMER_NAME	0	Y	Y - Null	Remove data.	
Section   Contract Pitted   Contract Pitted   Contract Pitted   Contract Pitted   Contract Pitted   Contract Pitted   Contract Supposed   Contract Pitted	cee	CONTACT DETAILS	CONTACT TOP			w Marill	n data	Other ontions:
Second Contact Details	200			O.	v			
Second Contact Details	S66			0	Y			
Second Contact Details	S66	CONTACT DETAILS	CONTACT INITIALS	0	Υ	Y - Null	Remove data.	- Retain previous Supply Point
Second Contact Details	S66	CONTACT_DETAILS	CONTACT_FIRST_NAME	0	Y	Y - Null	Remove data.	information, report to PAC where Contact
ST   SUCTIONIC DEVICE   CONTECT FIRST NAME   W   Y   Y   No.   We have data.   (Others)	S66				Y			
SECTIONIC DEVICE	S66				Y			
Description	S67				Y		Remove data.	- [Others]
SAZ	S67	ELECTRONIC_DEVICE	CONTACT_ELECTRONIC_ADDRESS	М	Y	Y - Null	Remove data.	
SAZ					1			
SAZ	S42	DIRECT SMP CONFIRMATION	PREMISES CUSTOMER NAME	0	Y	Y - Null	Remove data.	
Differ options:  See CONTACT_DETAILS  CO		ONE_CONTINUENTON		_	ř –	14001		
Differ options:  State of the prevailing default rate in control of the control o	ı		1	1	1	1	1	
Differ options:  See ONTACT DETAILS  CONTACT DETAILS  CON	S42	DIRECT_SMP_CONFIRMATION	SHIPPERS_CUSTOMER_NAME	0	Y	Y - Null	Remove data.	
Based or proviling default rels    Page   Page   Page   Page   Page			1					
SEE OF CONTACT_DITAILS	ı		1	1	1	1	1	Other options:
SSE CONTACT DETAILS CONTACT DE	ı		1	1	1	1	L	
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SECT SAP CONTINUED   SECTION   SEC			1	1	1	1	default as this data item is only	Frequency will be carry through too
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# XOserve

**Gaining and Losing Shipper Notifications** 

#### **Losing Shipper Notifications**

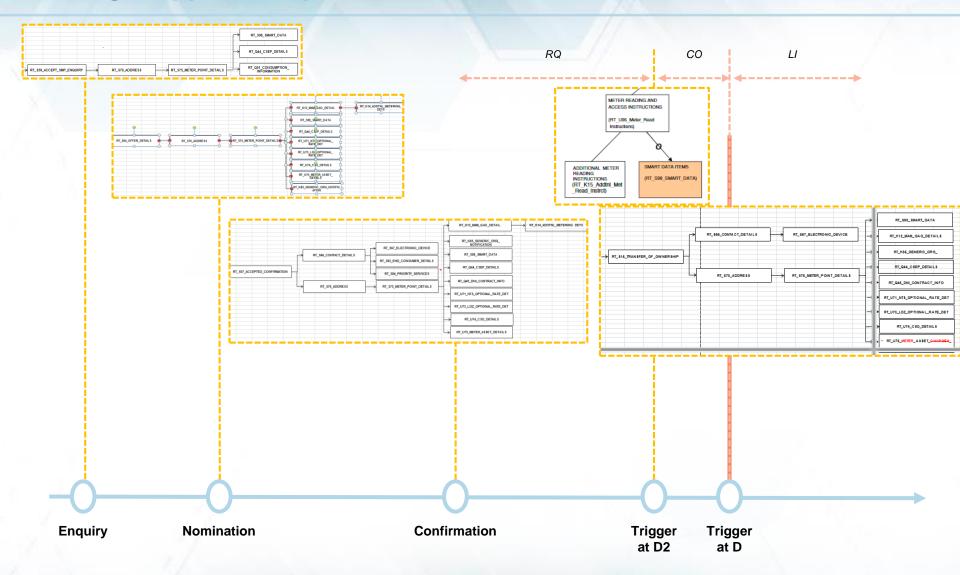
- The current BRD states that the Losing Shipper will not get a notification that the Supply Meter Point is no longer within the Shipper's ownership
  - The CSS issues notifications to the Losing Shipper that the Registrable Meter Point (i.e. the Supply Meter Point) is transferring to another Shipper (and the effective date of this)
  - The Ceased Responsibility flow provides the Logical Meter Number to Shipper Users

RI_SE	88_CEASED_RESPONSIBLITY RT_K13_SMP_CEASED_OWN	_DETS
S88	CEASED_RSUPPLY_POINT_CONFIRMATION_REF	М
S88	CEASED_R NOMINATION_SHIPPER_REF	0
S88	CEASED_R CONFIRMATION_EFFECTIVE_DATE	M
S88	CEASED_R CONFIRMATION_END_DATE	М
S88	CEASED_R LAST_READ	0
S88	CEASED_R LAST_READ_DATE	0
S88	CEASED_R GAS_NOMINATION_ID	0
S88	CEASED_R AMR_INDICATOR	М
K13	SMP_CEASMETER_POINT_REFERENCE	М
K13	SMP_CEA:SUPPLIER_SHORT_CODE	М
K13	SMP CEASHIPPER SHORT CODE	М

Any need to retain?

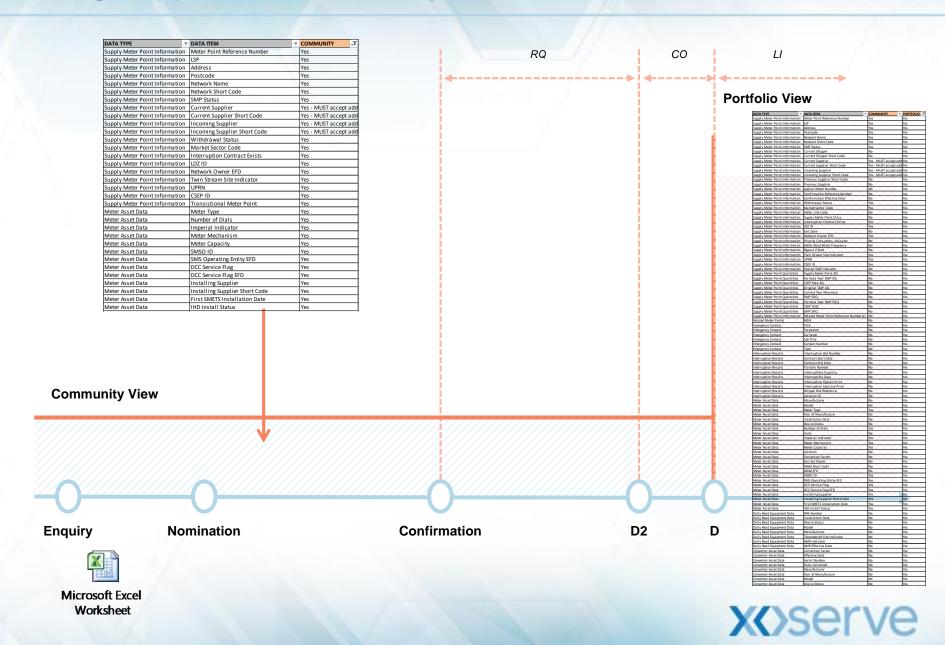


## **Gaining Shipper - Response Files**

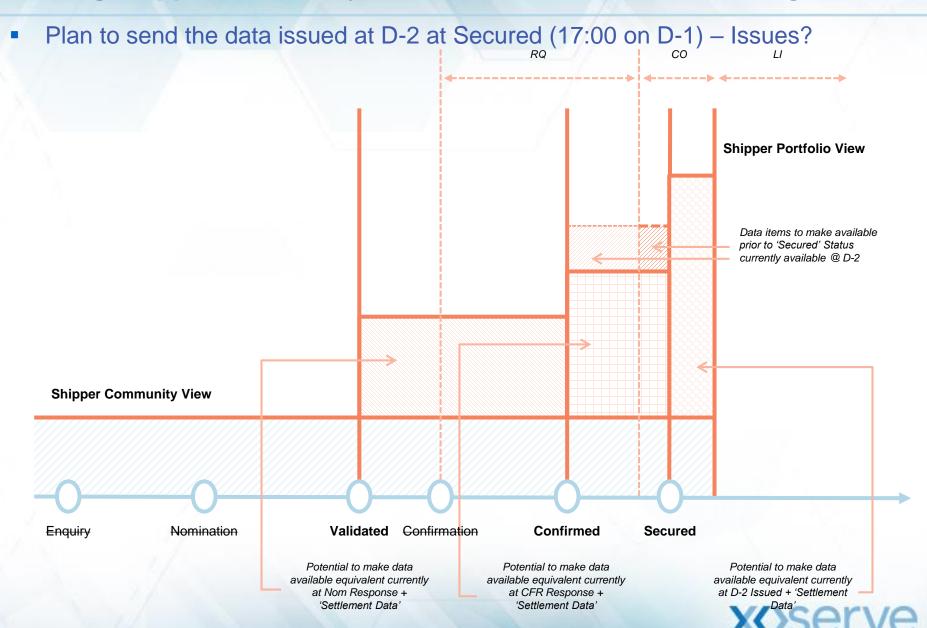




### **Gaining Shipper - Data Availability - Data Permissions**



### Gaining Shipper Availability of Data – Is there a case for change?



# **Response File – Content Sheet**

RESPONSE FLOWS PLACEHOLDER

- Output flows
  - Format? Re-use / Change?
  - Means? API / File formats?
  - Content? Data availability?



# XOserve

MDD Migration to UNC – 'Strawman'

#### **Background**

- MDD currently managed within SPAA
- Separate list managed in UK Link system by Xoserve
- Planned migration to CDSP to maintain Market Participant Id MDD as part of REC
- CDSP will be responsible for supplying:
  - Market Participant Identifiers
  - Maintaining the Shipper to Supplier Relationship Table
  - Maintaining the Transporter to Shipper Relationship Table
- Joint UNC / SPAA working group took place on 13th December
- These obligations will be inserted into the UNC
  - Market Participant data responsibility is proposed to be inserted into UNC GT-D – CDSP and UK Link
  - Relationship management inserted into [TBC]



#### **Preliminary Discussion points:**

- ElectraLink have conducted a review of the process and highlighted some existing considerations for the process
- Xoserve has conducted some very preliminary thinking
- Jointly wanted to share some of the key points, in terms of thinking
- Principles proposed:
  - Validation based on 'fact based checks' by CDSP
  - Removing barriers to entry
  - Simplifying the existing process
  - Making arrangements inclusive and fair, noting that certain Market Participants are not UNC Parties
  - Making the end to end process expedient
  - Making decision making robust and objective
  - Making provisions fit for future nature of industry



#### **Preliminary Discussion points:**

- Currently, individual MDD approvals required by SPAA CB.
  - Planned to use DSC Committee to ratify revised 'MDD Market Participant Identifier version'.
  - Planned to use Change Pack process for Amend / Delete Participants for representations from existing Market Participants
    - Challenge how are all industry participants engaged?
    - Challenge alignment to Electricity Releases?
  - Planned to define Guidance / Verification Criteria for Add Participants as these should be verifiable against data available – e.g. Licencing / Companies House
    - Challenge how existing Market Participants can impact assess additions in a timely manner so as not to impact entry?
- Currently only SPAA parties can raise MDD proposals
  - Planned that all parties controlled by MDD can raise requests (in some instances this might be a consequence of other processes (e.g. Shipper Accession to UNC)) using the existing templates
- CDSP may raise changes to SPAA MDD
  - Planned that this continues, and CDSP shall seek to demonstrate that impacted Market Participant has been consulted if possible **X()**serve

#### **Preliminary Discussion points:**

- Unanimous agreement is necessary for MDD under SPAA
  - Use existing representation processes to obtain views and make views available to the DSC Committee
- Formal appeals process is provided for
  - Proposed to use standard DSC escalation to UNCC it is not expected that this will be utilised, but DSC Committees are a sub group of UNCC



# XOserve

**Meter Asset Provider** 

# **Business Rules – MAP Id – Change of Asset**

- MAP Id is mastered in UK Link systems and is required to be passed to CSS
- CSS will then notify the MAP when a Registerable Meter Point switches Supplier
- MAP Id should now be mandated in the MAM to Supplier flows in an ONJOB when an Asset is installed (including as part of an exchange) – provided in MKPRT dataset
- MKPRT dataset is an irrelevant dataset in JOB and UPD flows.
- Assume that we would use the MKPRT to maintain MAP Id
- Do you see the dataset as mandatory? i.e. we would reject the transaction if this wasn't provided?
  - If not, how would you expect to maintain this data outside of JOB flows? Is this a Shipper responsibility?
  - If not, what are the rules when it is not provided?
    - MAP Id removed when an Asset is removed in a JOB flow?
    - MAP Id is not removed when an Asset is updated in a UPD flow? What about REMVD Assets?



# **Business Rules – MAP Id – Title Change**

- Expect other scenarios where a MAP Id is updated
  - Individual asset title change?
  - Large scale title change (merger / acquisitions / ?)
- Who is responsible for maintaining this asset information in UK Link?
  - Shippers?
  - Others?



# Business Rules - MAP Id - Notification of MAP

- Do you want to be informed of the MAP Id?
  - If so, when? (e.g. Change of Asset\* / Change of Shipper / Change of MAP\*)
    - Not in CSS flows
    - Obtain from DES? API? File flow?
      - What other data needs to be included MSN / MPRN?

<sup>\*</sup> If the Shipper is responsible for notification of this data – assume that this is not required as a push flow?



# **Business Rules – MAP Id – First Population**

- Do you have the MAP Id for your portfolio?
- Are you able to provide this data to UK Link systems for first population?
- If not, who should be the source of this data?
- And who is responsible for providing the data (should it still come through Shippers)? And maintaining it following first population and CSS go live?

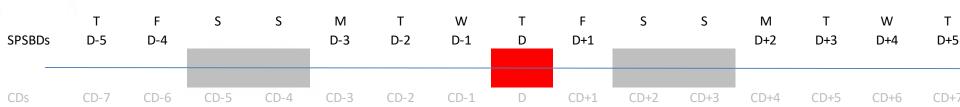


# XOserve

**Opening Meter Reading Window** 

# **OPNT Reading (Class 4 example)**

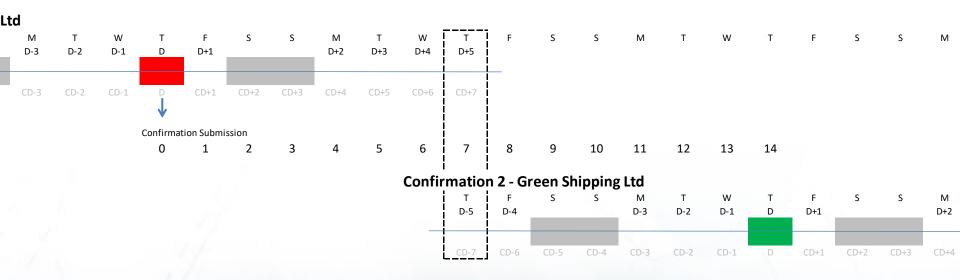
- Current Opening Meter Reading window is D+/- 5 Supply Point System Business Days
  - Consistent with electricity
  - Assume that this is a legacy from use of an MRA to obtain readings





# **Quickest Switching Currently**

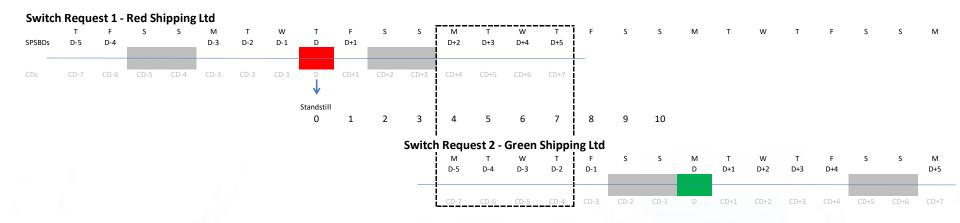
- Minimum confirmation lead time is 14 calendar days
- A subsequent confirmation cannot be accepted while another Confirmation is RQ or CO
- Consider the minimum lead times against Opening Read Window
  - 1 day overlap in Meter Reading Window
  - NB: Overlap will be greater with Bank Holidays in period
  - Assumes Red has withdrawn





# **Quickest Switching OSP Day 1**

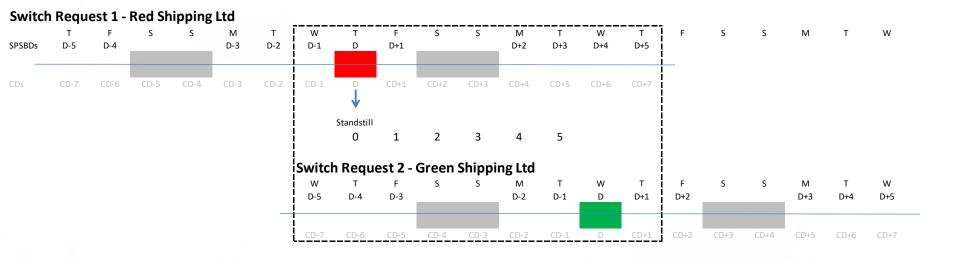
- Minimum confirmation lead time is 1 business day + 1 calendar days (domestic)
- A parameterised 'Standstill' period will apply.
  - Day 1 Maximum Standstill = 10 calendar days.
- Consider the minimum lead times against Opening Read Window
  - 4 day overlap in Meter Reading Window
  - NB: Overlap will be greater with Bank Holidays in period
  - Risk of –ve consumptions as Meter Reading applied at D





## **Quickest Switching OSP Day X**

- A parameterised 'Standstill' period will apply.
  - Example Standstill = 5 calendar days.
- Consider the minimum lead times against Opening Read Window
  - 9 day overlap in Meter Reading Window
  - NB: Overlap will be greater with Bank Holidays in period





## **Business Rules – Reading Window**

- In order to avoid –ve Consumptions….
- Should the Opening Read Window be constrained so that....
  - Where another Switch is effective in the Opening Meter Reading window the Opening Reading will be:
    - The day the after the previous Switch Effective Date
    - The day prior to the subsequent Switch Effective Date

OR

Constrained by the Read Date of the previous Opening Reading?
 OR

- Other?
- Should only the Incoming Shipper be able to provide the Opening Meter Reading?
- Should the Meter Reading be recorded as the Actual Read Date and extrapolated / prorated to create Meter Reading on D.



## **Business Rules – Reading Estimation**

- Estimation Processes are defined (Example: Class 3/4 without Class change), if an Opening Meter Reading isn't provided by the Shipper by D+10 SPSBDs an estimate is required
  - If the subsequent Switch occurs prior to D+10, should the Meter Reading be generated at D?
  - Other instances where the Meter Reading estimation happens earlier?



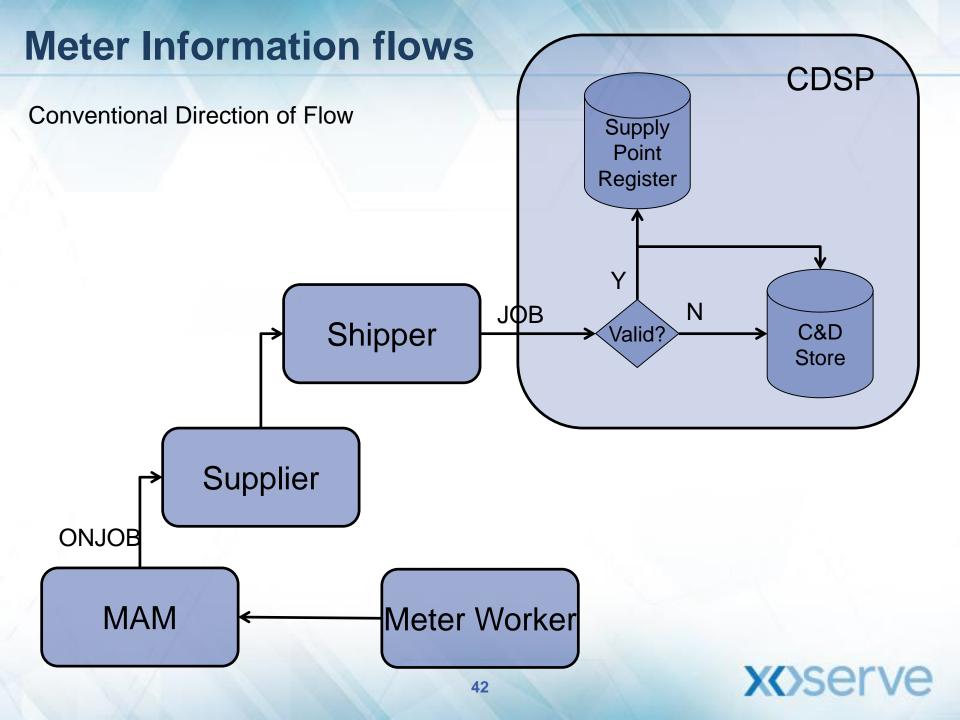
#### **Next Areas for Consideration**

- Change of Supplier only
  - Treat as a Supply Point Amendment?
  - Treat as a Same Shipper Reconfirmation?
- Change of Shipper only
  - Assume this remains a Reconfirmation?



# XOserve

Switching timescales and Registered User validation in UK Link systems



## **Shipper Obligations**

- "Whenever a Supply Meter Installation is replaced or modified the Registered User shall provide to the CDSP, Meter Information in accordance with paragraph 4." (UNC M 2.1.8)
- "Supply Meter Installation" is:
  - the meter and associated equipment and installations installed or to be installed at a consumer's premises, including associated pipework, regulator filters, valves, seals, and mountings" (M 1.2.2 (a))
- "Meter Information" is
  - the information in relation to a Supply Meter Installation, comprising the details set out in the UK Link Manual, including but not limited to: (i) the location of the Supply Meter Installation at the Supply Point Premises; (ii) number of dials and serial numbers of the Supply Meter and any convertor; (iii) meter access details; and (iv) C&D Information



## **Current Change of Shipper Timeline**

### **Confirmation Status Lifecycle**

D = Supply Point Registration Date



## **Future Registration Timeline**

Registration Request submitted/validated

MAX D-28 Calendar Days
MIN D-2 Business Days (NonDomestic)
MIN D-1 Business Days
(Domestic)

Registration
Request Secured
D-1 @ 17:00 hours

Registration
Request Complete
D 00:00 hours





## **Registered User Validation**

 Validation is applied to ensure that the transaction is received from the relevant Shipper User – NB: assumes other date validations are not failed

Shipper Status  @ Processing	Shipper Status @ Effective Date	Comments
RQ	RQ	Accepted, if no other User at LI at Effective Date (ED)
CO	RQ	Accepted, if no other User at LI @ ED
LI	RQ	Accepted, if no User at CO or LI @ ED (following implementation xrn4534 – November 2018 Release – rejected prior to this change)
LI	CO	Accepted for JOB, following xrn4534 UPDs will also be accepted
LI	LI	Accepted
SU	LI	Accepted

Unchanged since Nexus Implementation



## Shipper Obligations ...

- So what does the UK Link Manual require:
  - Meter Information Notification = JOB transaction
  - Meter Information Update Notification = UPD transaction
- Details recorded on the Supply Meter Installation can be identified from the Asset Class Codes (A0024) in the ASSET segment in the JOB / UPD:
  - Meter (Allowable Values: METER / MTRIN)
  - Converter (CONVR)
  - Bypass (BYPAS)
  - IHD (IHD)
  - AMR Device (AMR)
  - Datalogger Device (DTLGR) \*only if provided by the GT as a result of the bundled DM Reading Service) – Note, dataloggers are maintained on UK Link by DMSP rather than RGMA flows

#### JOB - link here:

https://xoserve.sharepoint.com/:w:/r/sites/UKLink/\_layouts/15/Doc.aspx?sourcedoc=%7BEFC05FA1-6F8F-408A-8E9E-A2E15DB264CD%7D&file=ONJOB\_Dataset\_V13.2L.docx&action=default&mobileredirect=true

#### UPD - link here:

https://xoserve.sharepoint.com/:w:/r/sites/UKLink/\_layouts/15/Doc.aspx?sourcedoc=%7B7C55A14F-DF93-4A22-980A-A78RBD757D03%7D&file=ONLIPD%20Dataset%20V13.2L.docx&action=default&mobileredirect=true



## Shipper Obligations ...

- So, to summarise....
- Within 6 Supply Point System Business Days of (mostly read this as Business Days), Shippers should update the Meter Information in UK Link using:
  - JOB transaction where this relates to Meter Work under Schedule 2B of the Gas Act
  - UPD transaction where it does not
- This should contain the relevant information as defined in the UK Link Manual (i.e. conform to the structure and form of the JOB or UPD transaction respectively)
- Do timings of this need to change due to the Ofgem Switching Programme?



# XOserve

Slides provided to 630R WG – 17<sup>th</sup> December 2018 – Reproduced for Reference

Not for discussion on 7<sup>th</sup> January 2019 – unless requested

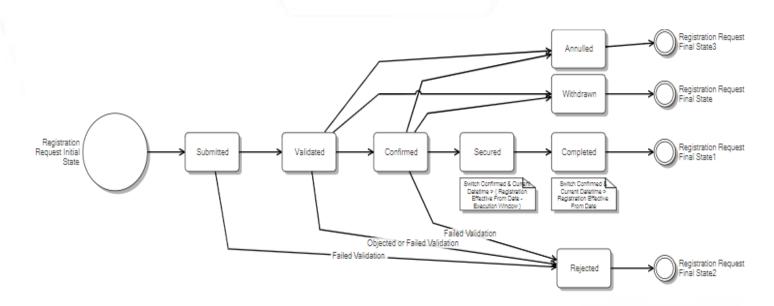
#### **Background**

- Following Central Switching Service implementation registration will be 'mastered' via CSS for in-scope Supply Meter Points
- Registration Requests can be:
  - Switch Request Change of Supplier / Change of Shipper
  - Switch Request Change of Supplier only
  - Registration Request Change of Shipper
  - Initial Registration Request First association of Supplier and Shipper
  - Transporter Initiated Registration CDSP / Transporter initiated first association of Supplier and Shipper
  - Deregistration Request End association of Supplier and Shipper
- Different processes follow different timelines
  - E.g. Change of Shipper deadline by 17:00 on CD-1



#### **Background**

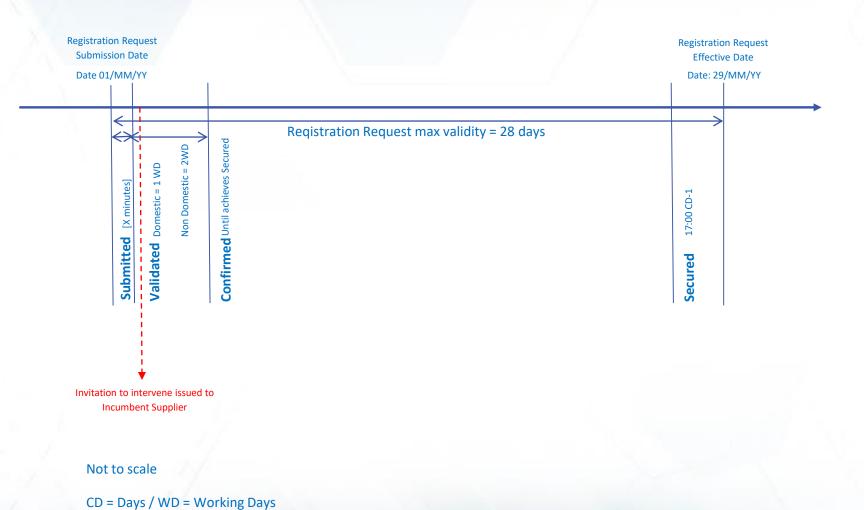
Registration Requests progress through defined stages:



- Objection process conducted on CSS
  - Registration Request Status Confirmed @ end of Objection period
- Secured @ [17:00 hrs] on D-1 (calendar days)
  - Secured is equivalent of 'CO' at D-2 (working days) i.e. unconditional transfer



## Switch Request – Standard Process





#### [Settlement Detail Notification] – See later slide in 7<sup>th</sup> Jan Deck

- 'Settlement Detail' is effectively any detail not provided in the Switch Request that is currently provided in Nomination / Confirmation processes
  - 'Basic' items shown for illustration, further items tbc
  - Depending upon the SMPs in scope this may be extended

Data Item	Comments	
Class	If Class 1 and AQ above 58,600,000 kWh then this would remain as Class 1 else it would be defaulted to Class 4 regardless of AQ	
SOQ	For Class 1 & 2 sites the current value would be carried forward, N/A for Class 3 & 4	
SHQ	For Class 1 & 2 sites the current value would be carried forward, N/A for Class 3 & 4	
Meter Read Frequency	Would be defaulted based on the prevailing AQ value (as per UNC Section M)	
Meter Read Batch Frequency	Not required as would be defaulted to Class 1 or 4	
Shipper Short Code	As provided on the CSS synchronisation message received into UK Link	
Supplier Short Code	As provided on the CSS synchronisation message received into UK Link	
Registration Effective Date	As provided on the CSS synchronisation message received into UK Link	
Supplier Generated Reference	As provided on the CSS synchronisation message received into UK Link, else blank	
Customer / Contact Details	Old details will be end dated and will not carry forward	

- Settlement Detail Notification will largely provide means of provision of above
  - Some information may be necessary prior to Settlement Detail Notification
- Key challenge is creating association with the CSS Registration Requests



#### Switch Request + [Settlement Detail Notfn]



- Rules proposed:
  - SDN provided by incoming Shipper can be PRIOR to Registration Request via CSS
  - SDN association must happen by a given deadline working assumption [15:00 hrs] on CD-1
  - Association will consider: [Effective Date\*] / [Registration Request Reference\*] / Supply Meter Point / Supplier / Shipper
  - Subsequent valid SDN for SMP / Supplier / Shipper will lapse previous SDN
  - SDN valid for [28] [calendar] days

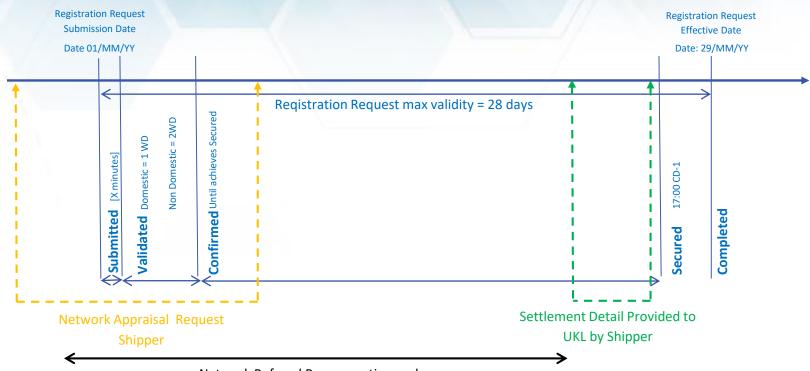


#### [Network Appraisal Request]

- Existing Nomination Process fulfils three functions
  - Setting 'Settlement Details' for Large Supply Points
  - Transportation Offer
  - Enabling Network Assessment / Referral
- Settlement Detail Notification and response / data available will fulfil first two functions
- Network Assessment / Referral still necessary for certain Supply Meter Points
  - [DM Supply Meter Points]
  - [Seasonal capacity requests]
  - [Supply Meter Points requesting the Optional Commodity Tariff (Shorthaul)]
  - [Network Exit Agreements (NExAs)]
  - [Others?]



### Switch Request+[Network Appraisal Request]+[Settlement Detail Notfn]



Network Referral Response timescales

- Rules proposed:
  - NAR provided by incoming Shipper probably PRIOR to Registration Request via CSS to take account of Referral Response timings, but might be submitted after
  - Multiple NARs may be submitted by incoming Shipper (as now)
  - NAR response reference MUST be quoted in SDN
  - IF NAR response reference is not quoted defaults will apply



#### **Other SPA Impacts**

- Objection process no longer in UNC for in scope SMPs
- Withdrawal no longer in UNC for in scope SMPs
  - NB: Withdrawal in CSS = Confirmation Cancellation equivalent
- Confirmation Cancellation no longer needed for in scope SMPs

- Contact details can no longer mandated to be associated with Confirmation (i.e. from D)
- Change of Tenancy indicator contained in CSS flows but not passed to UKL
  - Remove from Data Model for in scope processes



#### **Supply Point Amendment**

- UNC Section G defines data items that can be amended outside a Confirmation
- This needs to change due to data being mastered via CSS:
  - Change in supplier where there is no change of Registered User
  - Change in Market Sector Code
- Others currently expected to be unchanged:
  - Change in Supply Point Capacity
  - Change in Supply Point Offtake Rate
  - Change in Meter Read Frequency
  - Change of Meter Reader
  - Change in User Emergency Contacts
  - Change in any details maintained pursuant to Standards Special Condition A50(8)
  - Change of Class User
  - Meter Asset Manager ID
  - Gas Act Owner
  - Any other detail specified in the UK Link Manual as capable of being modified by Supply Point Amendment
  - Change in [Meter Point Location Address\*\*] Meter Post Code
  - Change in NTS Optional Commodity Rate

<sup>\*\*</sup> CSS introduces the Retail Energy Location Address – this will be mastered via CSS, MPL remains Transporter responsibility



#### **Next Areas for Consideration**

- Settlement Details
  - Clarification of 'In Scope' SMPs from Ofgem
  - Define Settlement Details
- Change of Supplier only
  - Treat as a Supply Point Amendment?
  - Treat as a Same Shipper Reconfirmation?
- Output flows
  - Format? Re-use / Change?
  - Means? API / File formats?
  - Content? Data availability?

