Message Flow Details

MM00051 - ~~Non Half-hourly~~ Traditional Meter Technical Details

Market Message Information

Market Message Reference	MM00051
MM Description	Meter Ttechnical Ddetails for ~~Non Half-hourly~~Traditional ~~m~~Metering Assets.
Local Catalogue Reference	D0150
Version	002
Notes	~~See Annex C for Flow Notes~~Used for all Non Half Hourly meters for Non-MHHS ~~Migrated~~ Metering Points or Traditional Metering Assets for MHHS ~~Migrated~~ Metering Points

Commented [SJ1]: Mop Up Update - to reflect agreed definitions within Schedule 1

Scenario Variants

Scenario Variant	Name	Source	Target	Owner	Api Route	Api Method
SV00051	~~Non Half-hourly~~ Traditional Meter Technical Details	Distribution Network Operator	Electricity Meter Equipment Manager	Retail Energy Code Company		
SV00052	~~Non Half-hourly~~ Traditional Meter Technical Details	Electricity Meter Equipment Manager	Distribution Network Operator	Retail Energy Code Company		

SV00053	~~Non Half-hourly~~ Traditional Meter Technical Details	Electricity Meter Equipment Manager	Electricity Meter Equipment Manager	Retail Energy Code Company		
SV00054	~~Non Half-hourly~~ Traditional Meter Technical Details	Electricity Meter Equipment Manager	Non Half Hourly Data Collector	Retail Energy Code Company		
SV00055	~~Non Half-hourly~~ Traditional Meter Technical Details	Electricity Meter Equipment Manager	Electricity Supplier	Retail Energy Code Company		
SVxxxxx	Traditional Meter Technical Details	Electricity Meter Equipment Manager	Electricity Smart Meter Equipment Manager	Retail Energy Code Company		
SVxxxxx	Traditional Meter Technical Details	Electricity Smart Meter Equipment Manager	Electricity Smart Meter Equipment Manager	Retail Energy Code Company		
SVxxxxx	Traditional Meter Technical Details	Electricity Smart Meter Equipment Manager	Electricity Meter Equipment Manager	Retail Energy Code Company		
SVxxxxx	Traditional Meter Technical Details	Electricity Smart Meter Equipment Manager	Smart Data Service	Retail Energy Code Company		
SVxxxxx	Traditional Meter Technical Details	Electricity Smart Meter	Distribution Network Operator	Retail Energy Code Company		

		Equipment Manager				
SVxxxxx	Traditional Meter Technical Details	Electricity Smart Meter Equipment Manager	Electricity Supplier	Retail Energy Code Company		

Data Items

Data Item Number	Local Catalogue Reference	Name
DI50003	J0003	MPAN Core
DI50004	J0004	Meter Id (Serial Number)
DI50006	J0008	Nature of Maintenance
DI50007	J0010	Meter Register Id
DI50037	J0076	Standard Settlement Configuration Id
DI50041	J0080	Energisation Status
DI50043	J0082	Measurement Class Id
DI50053	J0098	Retrieval Method
DI50056	J0103	Measurement Quantity Id
DI50071	J0134	Tele-Switch/Clock Indicator
DI50160	J0300	Effective from Settlement Date {SCON}
DI50176	J0382	Channel Number
DI50177	J0385	Communications Address
DI50178	J0386	Communications Method
DI50189	J0408	Main/Check Indicator
DI50191	J0410	Manufacturers Make & Type
DI50193	J0418	Meter COP
DI50194	J0419	Meter Location

DI50200	J0432	Pulse Multiplier
DI50209	J0454	CT Ratio
DI50210	J0455	VT Ratio
DI50213	J0461	Meter COP Dispensation
DI50214	J0462	Certification Date
DI50215	J0463	Certification Expiry Date
DI50216	J0464	Outstation PIN
DI50217	J0465	Outstation COP
DI50218	J0467	Outstation COP Dispensation
DI50219	J0468	Outstation Encryption Key
DI50220	J0469	Outstation Number of Channels
DI50221	J0470	Outstation Password Level 1
DI50222	J0471	Outstation Type
DI50224	J0474	Meter Register Type
DI50225	J0475	Meter Register Multiplier
DI50226	J0476	Associated Meter Id
DI50227	J0477	Associated Meter Register Id
DI50228	J0478	Number of Register Digits
DI50229	J0480	Maintenance Date
DI50230	J0483	Meter Type
DI50240	J0501	Meter Current Rating
DI50330	J0716	Timing Device Id (Serial Number)
DI50333	J0722	Retrieval Method Effective Date
DI50406	J0848	Date of Meter Installation
DI50624	J1254	Effective from Settlement Date {MSMTD}
DI50633	J1267	Metering System Non Settlement Functionality Code

DI50634	J1268	Effective From Settlement Date {MSNSFC}
DI50635	J1269	Date of Meter Removal
DI51003	J1677	Meter Asset Provider Id

Flow Structure

SV00051 - Non Half-hourly Meter Technical Details - Message Structure

Group ID	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Data Item Name	Data Item Rule
288	MPAN Cores	1-*		G									
					1							MPAN Core	
					1							Effective from Settlement Date {MSMTD}	The Effective from Settlement Date {MSMTD}value must equal the date on which the most recent change to any data item within the Non Half-hourly Meter Technical Details message became effective.
					O							Measurement Class Id	~~Where the MPAN is MHHS Migrated~~For MHHS Metering Points, ~~this field~~the value should be null.
					1							Energisation Status	

Commented [SJ2]: Mop Up Update - to reflect agreed definitions within Schedule 1.

289	SSCs	1-1			G							
						1					Standard Settlement Configuration Id	If Non Half-hourly Meter Technical Details message generated following the ~~reciept~~receipt of Smart Meter Configuration Details message, Standard Settlement Configuration Id value must equal the Standard Settlement Configuration Id value within the Smart Meter Configuration Details message.
						1					Effective from Settlement Date {SCON}	If Non Half-hourly Meter Technical Details message generated following the ~~reciept~~receipt of Smart Meter Configuration Details message, Effective from Settlement Date {SCON} value must equal the Effective from Settlement Date {SCON} value within the Smart Meter

												Configuration Details message.
						O					Metering System Non Settlement Functionality Code	If Non Half-hourly Meter Technical Details message generated following the ~~reciept~~receipt of Smart Meter Configuration Details message, Metering System Non Settlement Functionality Code value must equal the Metering System Non Settlement Functionality Code value within the Smart Meter Configuration Details message.
						O					Effective From Settlement Date {MSNSFC}	If Non Half-hourly Meter Technical Details message generated following the ~~reciept~~receipt of Smart Meter Configuration Details message, Effective From Settlement Date {MSNSFC} value must equal the

													Effective From Settlement Date {MSNSFC} value within the Smart Meter Configuration Details message.
762	Metering Point Maintenance History	0-1			G								
						1						Maintenance Date	
						1						Nature of Maintenance	
290	Meter/Retrieval Method Details	0-*	Meter/Retrieval Method Details message collection is Mandatory if a meter is installed at the Metering Point; or, Meter/Retrieval Method Details message collection is Not Present if a meter is not installed at the Metering Point.		G								
						1						Meter Id (Serial Number)	If Non Half-hourly Meter Technical Details message generated following the ~~reciept~~receipt of Smart Meter Configuration Details message, Meter Id

												(Serial Number) value must equal the Meter Id (Serial Number) value within the Smart Meter Configuration Details message; or, If Notification of Mapping Details message generated following the reciept of Smart Meter Configuration Details message from an Electricity Supplier in ~~conjuction~~conjunction with a Switch event, Meter Id (Serial Number) value must equal the Meter Id (Serial Number) value within the Smart Meter Configuration Details message, unless the value is equal to NK, then, Meter Id (Serial Number) value must equal the Meter Id (Serial Number) value within the Non Half-hourly Meter

													Technical Details message received from the source ~~Electrciity~~Electricity MEM.
						O						Meter COP	
						O						Meter COP Dispensation	
						1						Meter Current Rating	
						1						Meter Location	
						1						Manufacturers Make & Type	
						1						Meter Asset Provider Id	
						O						Communications Address	
						O						Communications Method	
						O						Outstation PIN	
						O						Outstation COP	
						O						Outstation COP Dispensation	
						O						Outstation Encryption Key	
						O						Outstation Number of Channels	
						O						Outstation Password Level 1	
						O						Outstation Type	
						O						VT Ratio	The VT Ratio value must be equal to all instances of VT Ratio within the Non Half-hourly Meter

													Technical Details message.
						1						Meter Type	
						O						Date of Meter Installation	
						O						Certification Date	
						O						Certification Expiry Date	
						O						Timing Device Id (Serial Number)	
						O						Tele-Switch/Clock Indicator	
						1						Retrieval Method	
						1						Retrieval Method Effective Date	
291	CT Ratio	0-1	CT Ratio message collection is Mandatory if a Current Transformer exists at the Metering Point; or,CT Ratio message collection is Not Present if a Current Transformer does not exist at the Metering Point.			G							
							1					CT Ratio	The CT Ratio value must be equal to all instances of CT Ratio within the Non Half-hourly Meter

													Technical Details message.
293	Meter Register Details	1-*				G							
							1					Meter Register Id	If Non Half-hourly Meter Technical Details message generated following the ~~reciept~~receipt of Smart Meter Configuration Details message, Meter Register Id value must equal the Meter Register Id value within the Smart Meter Configuration Details message.
							1					Meter Register Type	If Non Half-hourly Meter Technical Details message generated following the ~~reciept~~receipt of Smart Meter Configuration Details message, Meter Register Type value must equal the Meter Register Type value within the Smart

												Meter Configuration Details message.
							1				Measurement Quantity Id	If Non Half-hourly Meter Technical Details message generated following the ~~reciept~~receipt of Smart Meter Configuration Details message, Meter Register Id value must equal the Meter Register Id value within the Smart Meter Configuration Details message.
							1				Meter Register Multiplier	If Non Half-hourly Meter Technical Details message generated following the ~~reciept~~receipt of Smart Meter Configuration Details message, Meter Register Id value must equal the Meter Register Id value within the Smart Meter Configuration Details message.
							O				Main/Check Indicator	

							1					Number of Register Digits	If Non Half-hourly Meter Technical Details message generated following the ~~reciept~~receipt of Smart Meter Configuration Details message, Meter Register Id value must equal the Meter Register Id value within the Smart Meter Configuration Details message.
							O					Associated Meter Id	
							O					Associated Meter Register Id	
295	Meter Channels	0-*	Meter Channels message collection is Mandatory if a Half Hourly meter is installed at the Metering Point.			G							
							O					Channel Number	
							O					Measurement Quantity Id	
							O					Pulse Multiplier	
296	Metering System Maintenance History	0-*				G							
							1					Maintenance Date	

							1					Nature of Maintenance	
08A	Meters Removed	0-*	Meters Removed Message Collection cardinality >0 only permissible following a Meter removal event.		G								
						1						Meter Id (Serial Number)	
						1						Date of Meter Removal	
						1						Meter Asset Provider Id	