Message Flow Details

MM00047 - Notification of Mapping Details

Market Message Reference	MM00047
MM Description	This flow notifies mapping of physical registers to time pattern regimes.
Local Catalogue Reference	D0149
Version	001
Notes	The Register Mapping Coefficient is required for mapping the difference between 2 or more physical registers' readings to a Settlement Register. See Annex C for Flow Notes

Market Message Information

Scenario Variants

Scenario Variant	Name	Source	Target	Owner	Api Route	Api Method
SV00047	Notification of Mapping Details	Fauinment	Distribution Network Operator	Retail Energy Code Company		
SV00048	Notification of Mapping Details	Electricity Meter	,	Retail Energy		

		Equipment Manager Electricity	Equipment Manager Non Half	Code Company Retail	
SV00049	Notification of Mapping Details	Meter Equipment Manager	Hourly	Energy Code Company	
SV00050	Notification of Mapping Details	Electricity Meter Equipment Manager	Electricity Supplier	Retail Energy Code Company	
<u>SVxxxxx</u>	<u>Notification</u> of Mapping Details	<u>Electricity</u> <u>Meter</u> Equipment Manager	<u>Electricity</u> <u>Smart</u> <u>Meter</u> <u>Equipment</u> <u>Manager</u>	<u>Retail</u> Energy Code Company	
<u>SVxxxxx</u>	<u>Notification</u> of Mapping Details	<u>Electricity</u> <u>Smart</u> <u>Meter</u> Equipment <u>Manager</u>	<u>Electricity</u> <u>Smart</u> <u>Meter</u> <u>Equipment</u> <u>Manager</u>	<u>Retail</u> Energy Code Company	
<u>SVxxxxx</u>	<u>Notification</u> of Mapping Details	<u>Electricity</u> <u>Smart</u> <u>Meter</u> Equipment <u>Manager</u>	<u>Electricity</u> <u>Meter</u> Equipment Manager	<u>Retail</u> Energy Code Company	
<u>SVxxxxx</u>	<u>Notification</u> of Mapping Details	<u>Electricity</u> <u>Smart</u> <u>Meter</u>	<u>Smart Data</u> <u>Service</u>	<u>Retail</u> Energy Code Company	

		<u>Equipment</u> <u>Manager</u>			
<u>SVxxxxx</u>	<u>Notification</u> of Mapping Details	<u>Electricity</u> <u>Smart</u> <u>Meter</u> Equipment <u>Manager</u>	<u>Distribution</u> <u>Network</u> Operator	<u>Retail</u> <u>Energy</u> <u>Code</u> Company	
<u>SVxxxxx</u>	<u>Notification</u> of Mapping Details	<u>Electricity</u> <u>Smart</u> <u>Meter</u> <u>Equipment</u> <u>Manager</u>	<u>Electricity</u> Supplier	<u>Retail</u> <u>Energy</u> <u>Code</u> Company	

Data Items

Data Item Number	Local Catalogue Reference	Name
<u>DI50003</u>	J0003	MPAN Core
DI50004	30004	Meter Id (Serial Number)
DI50007	J0010	Meter Register Id
DI50037	10076	Standard Settlement Configuration Id
DI50039	J0078	Time Pattern Regime
<u>DI50160</u>		Effective from Settlement Date {SCON}
DI50315	J0679	Register Mapping Coefficient
<u>DI50624</u>	111754	Effective from Settlement Date {MSMTD}

DI50633		Metering System Non Settlement Functionality Code
DI50634	111768	Effective From Settlement Date {MSNSFC}

Flow Structure

SV00047 - Notification of Mapping Details - Message Structure

Group ID	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Data Item Name	Data Item Rule
280	MPAN Cores	1-*		G									
					1							<u>MPAN Core</u>	The MPAN Core value must equal the corresponding MPAN Core value within the Non Half- hourlyTraditional Meter Technical Details Message.
					1							<u>Effective from</u> <u>Settlement Date</u> <u>{MSMTD}</u>	The Effective from Settlement Date value must equal the corresponding Effective from Settlement Date

281	NHH Mapping	1-1		G					value within the Non Half-hourly Traditional Meter Technical Details Message.
	Details				1			<u>Standard</u> <u>Settlement</u> <u>Configuration Id</u>	The Standard Settlement Configuration Id value must equal the corresponding Standard Settlement Configuration Id value within the Non Half-hourly Traditional Meter Technical Details Message.
					1			Effective from Settlement Date {SCON}	The Effective from Settlement Date {SCON} value must equal the corresponding Effective from Settlement Date

778	Time Pattern Regimes	1-*		G					{SCON} value within the Non Half-hourly Traditional Meter Technical Details Message.
					1			<u>Time Pattern</u> <u>Regime</u>	If Notification of Mapping Details message generated following the recieptreceipt of Smart Meter Configuration Details message, Time Pattern Regime value must equal the Time Pattern Regime value within the Smart Meter Configuration Details message.
283	Meter Details	1-*			G				

					1			<u>Meter Id (Serial</u> Number)	The Meter Id (Serial Number) value must equal the corresponding Meter Id (Serial Number) value within the Non Half-hourly <u>Traditional</u> Meter Technical Details Message.
284	Meter Register	1-*			G				
						1	1	<u>Meter Register Id</u>	The Meter Register Id value must equal the corresponding Meter Register Id value within the Non Half- hourly Traditional Meter Technical Details Message.
						1		Register Mapping Coefficient	If Notification of Mapping Details message generated

23A	Non	0-1		G					following the recieptreceipt of Smart Meter Configuration Details message, Register Mapping Coefficient value must equal the Register Mapping Coefficient value within the Smart Meter Configuration Details mess
	Registers			1	1			<u>Metering System</u> <u>Non Settlement</u> Functionality Code	If Notification of Mapping Details message generated following the recieptreceipt Smart Meter Configuration Details message,

					Metering System Non Settlement Functionality Code value must equal the Metering System Non Settlement Functionality Code value within
		ο		Effective From Settlement Date {MSNSFC}	If Notification of Mapping Details message generated following the recieptreceipt of Smart Meter Configuration Details message, Effective From Settlement Date {MSNSFC} value must equal the Effective From Settlement Date {MSNSFC}

	Time									value within the Smart Meter Conf
24A	Pattern Regimes	1-*		(G					
						1			<u>Time Pattern</u> <u>Regime</u>	If Notification of Mapping Details message generated following the <u>recieptreceipt</u> of Smart Meter Configuration Details message, Time Pattern Regime value must equal the Time Pattern Regime value within the Smart Meter Configuration Details message.
25A	Meter Details	1-*				G				
							1		<u>Meter Id (Serial</u> <u>Number)</u>	The Meter Id (Serial Number) value must

									equal the corresponding Meter Id (Serial Number) value within the Non Half hourly <u>Traditional</u> Meter Technical Details Message.
26A	Meter Register	1-*			G				
						1		<u>Meter Register Id</u>	The Meter Register Id value must equal the corresponding Meter Register Id value within the Non Half- hourly Traditional Meter Technical Details Message.
						1		<u>Register Mapping</u> Coefficient	If Notification of Mapping Details message generated following the recieptreceipt Smart Meter

			F F C F C C V V V	Configuration Details message, Register Mapping Coefficient value must equal the Register Mapping Coefficient value within the Smart Meter
			1	
				Details mess