

IGT UNC Review Group IGTRP009

# Domestic New Connections on Independent Gas Transporter Networks

Business Rules – Version 0.1

IGT UNC Operators  
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# Document Control

Configuration				
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## **1. Introduction**

The purpose of this document is to crystallise procedures and file formats to be used for all IGT domestic new connections.

The parties required to adhere to these procedures and utilise the file formats are:

- Independent Gas Transporters (IGTs)
- Gas Shippers; and
- Gas Suppliers (where appropriate)

Governance of these procedures and file formats has yet to be agreed by affected parties.

## 2. Initial Registration (Domestic Market Sector Code Only)

### 2.1 Bulk Confirmation via Project Summary Report (PSR)

Typically, for all new housing developments, the housing developer will contract with one gas supplier to supply gas to all new houses on a development. This supply will continue until such time as the individual occupier seeks to transfer to another supplier.

Many of the larger house builders have national contracts in place with suppliers for this period of initial supply.

Given that the developer's contracted gas supplier is commonly known at an early stage of development, IGTs seek to confirm this by way of a "bulk registration."

One of the benefits of confirming supply arrangements at an early stage is that any potential "shipperless sites" can be avoided. This also presents a good opportunity for IGTs and Shippers to align the development and property data.

The data file exchanged between IGT and Shipper for this bulk supply point registration is known as a "Project Summary Report" or "PSR."

### 2.2 Bulk Meter Asset Manager (MAM) Appointment via Project Summary Report (PSR)

When contracting with the Housing Developer or the Utility Infrastructure Provider (UIP), the IGT will have differing commercial terms dependent upon whether the customer (Housing Developer) wishes to appoint the IGT as MAM.

It is important for the IGT to confirm whether or not it will be acting as MAM at the earliest possible opportunity to provide sufficient time for contract renegotiation if necessary.

Notwithstanding the customer's ability to appoint their chosen MAM, IGTs are cognisant of the desire of gas shippers/suppliers to be included within the appointment process.

Consequently, IGTs seek to establish the appointment of MAM at the earliest opportunity and in the most expedient way, namely via the PSR, which requires positive confirmation of MAM from the gas shipper/supplier for the development in question.

### 2.3 The Project Summary Report (PSR)

The PSR provides an efficient and expedient way in which to clarify to all parties:

- the plot details of a new housing development
- who will be the initial MAM appointed; and
- who will be the primary shipper and supplier registered.

The PSR is representative of the development plan as provided to the IGT by the Developer/UIP. Best endeavours are used to ensure its accuracy but it can be subject to change if the developer decides to alter the build specifications for the site.

If a material change is made to the make-up of a development such as an increase/decrease in the number of plots, the IGT should arrange to issue a revised PSR. This does not affect initial registration of MAM or Shipper/Supplier but serves to keep all parties aligned with regards to plot details wherever possible.

It is recognised that the IGT will communicate to the Supplier via their Shipper.

All references made to the Supplier constitutes that information has been received by them through the submission of file formats via their Shipper.

### 2.3.1 PSR1 – IGT Initial and Basic Project Summary Report to Shipper

Rules for the completion of PSR1:

- The PSR1 is prepared and sent by the IGT to the Shipper nominated by the Developer/Builder.
- The IGT will send the PSR1 to the Shipper at the earliest opportunity and, generally, on initial project and MPRN set-up.
- All Mandatory fields are required to be populated in line with file submission requirements.
- Where the IGT is aware of the full postal address for individual plots within a development, these must be populated. Where provided, the postal addresses should be submitted in the Standard Address Format.
- Address Line 1 is a free text field and should be used to provide information relating to the developer. As far as possible the development address should be populated within the standard address format. In all occasions Address Line 10 and Outcode as mandatory fields should be populated.
- On initial submission of the PSR1 file, the Shipper Reference/Contract Number (see Paragraph 4 for details) will not be populated. This information will be returned to the IGT within the PSR2 file acknowledgement sent by the Shipper, where the shipper wishes to do so.
- The IGT Reference Number is a reference assigned by the IGT to the development.
- The Sub Project Number will be populated where a development will be built in a number of phases. This field will default to the IGT Reference Number if no phasing is present.

- The PSR Issue Number, PSR Issue Reason Code and PSR Issue Reason/Text should be used by the IGT to track the issue of the PSR and subsequent PSR updates. The PSR Issue Number will advance in accordance with the number of re-issues. Each time a re-issue occurs, a reason code(s) will be supplied. This will allow Shippers to more easily identify and track changes within the PSR. Where a re-issue requires additional or more specific information, the IGT may populate the PSR Issue Reason/Text field.
- Meter Asset Manager field should be populated with a Code as described within the File Format. This will show as the Developer nominated MAM. Blank MAM ID in any of the PSRs will not be acceptable. This is to encourage early notification of appointed MAM if possible, which allows the iGT to quote accordingly.

**Comment [c1]:** If all changes notified via a PSR3, why do you need these data items on PSR1 (issue no would always be '1' and reason 'Initial')?

### 2.3.2 PSR2 - Shipper Acknowledgement to IGT PSR1

Rules for the completion of PSR2:

- The Shipper will respond to the receipt of the PSR1 by sending the PSR2 file acknowledgement within 5 Business Days.
- All Mandatory fields are required to be populated in line with file submission requirements
- The Shipper will populate their Contract Reference Number, if applicable.
- The Outcome Code advises of Acceptance or Rejection.
- The PSR2 may be forwarded as rejected if details on the PSR1 are incorrect, including the MAM ID. The whole file must be rejected, requiring a brand new PSR1 file from the iGT to correct any errors at record level.
- Where the Outcome Code is populated and set to "RJ", the Rejection Reason/Text Field must be populated. This a free text field and will allow the Shipper to provide specific reasons for rejection.
- The IGT/Shipper will be responsible for investigating and resolving the rejected PSR within;

Rejection Code:

PSR01 (No Contract) - Shipper to respond within 5 Business Days.

PSR02 (Missing Data) – IGT to respond within 5 Business Days, unless data to be requested from Developer, when an extension may be required.

PSR03 (Configuration Mismatch) – IGT to respond within (5 Business Days, unless data to be requested from Developer, when an extension may be required.

PSR04 (Duplicate PSR/Contract Reference) – IGT/Shipper to respond within 5 Business Days.

PSR05 (Issue number out of sequence) – IGT to respond within 5 Business Days.

PSR06 – Invalid Issue Reason – IGT to respond within 5 Business Days.

PSR07 – (Incorrect MAM ID) – Shipper to respond within 5 Business Days.

- By forwarding an accepted PSR2 the gas shipper/supplier will be confirming that they have a contract in place with the Developer for the total number of plots and that they agree the MAM ID.
- Where the shipper returns a rejected PSR2 with reason code PSR07 (Incorrect MAM ID) the Shipper should add the actual MAM ID in the “Rejection reason – Text” field. The iGT will query with the Developer the correct identity of the nominated MAM.
- It is not expected that the MAM ID will change from PSR2 acceptance. The procedure for the change of MAM ID subsequent to PSR2 acceptance will be negotiated off-line and with the agreement of both the gas shipper/supplier and the iGT.

#### 2.3.3 PSR3 – IGT to Shipper PSR with Project Variations prior to First Meter Fit

Should the Developer change the site specifications which results in a change to the number of plots or amendments to the house build types, a revised PSR should be prepared and submitted as outlined below:

- The PSR Issue Number, PSR Issue Reason Code and PSR Issue Reason/Text should be used by the IGT to track the issue of the PSR and subsequent PSR updates. Where there is a requirement to submit a revised PSR the IGT will submit a PSR3 as required.
- The purpose of this will be to notify the shipper of variations to the project but the shipper will not be required to acknowledge or accept the variation.

### 3. Meter Fit Notifications

IGT Transportation Charges are triggered upon receipt of accurate meter details.

This section seeks to clarify the processes and file formats that should be used by both the gas shipper/supplier and IGT when communicating meter data.

#### 3.1 Meter Fit Notification Details – ONJOB/RNJOB/ORJOB

Notwithstanding the fact that IGTs are not obligated to use RGMA Baseline data flows, it is acknowledged that, wherever possible, IGTs will try and align with industry procedures where it is right and efficient to do so.

For the purposes of meter data exchange between IGT and shipper/supplier, it seems pragmatic to use existing industry flows which will provide consistency and help to ensure timely provision of data between parties.

#### 3.2 Provision of meter by IGT MAM

Where the gas meter has been provided by the IGT acting as MAM, the following process shall be followed:

- Developer requests asset from IGT (or UIP)
- IGT (or UIP) arranges provision and installation of asset
- IGT transmits ONJOB to registered Supplier (timescale to be agreed)
- Supplier acknowledges via RNJOB (timescale to be agreed)

#### 3.3 Provision of meter by non IGT MAM

Where the gas meter has been provided by a MAM other than the IGT, the following process shall be followed:

- Developer requests asset from Supplier
- Supplier passes to MAM
- MAM arranges installation and notifies supplier of details via ONJOB
- Supplier acknowledges via RNJOB
- Supplier advises IGT of meter fit via ONJOB (timescale to be agreed – back-billing timescales to be agreed where acceptable data not provided in a timely manner)
- IGT acknowledges receipt via RNJOB

#### **4. Provision of Contract Reference Number**

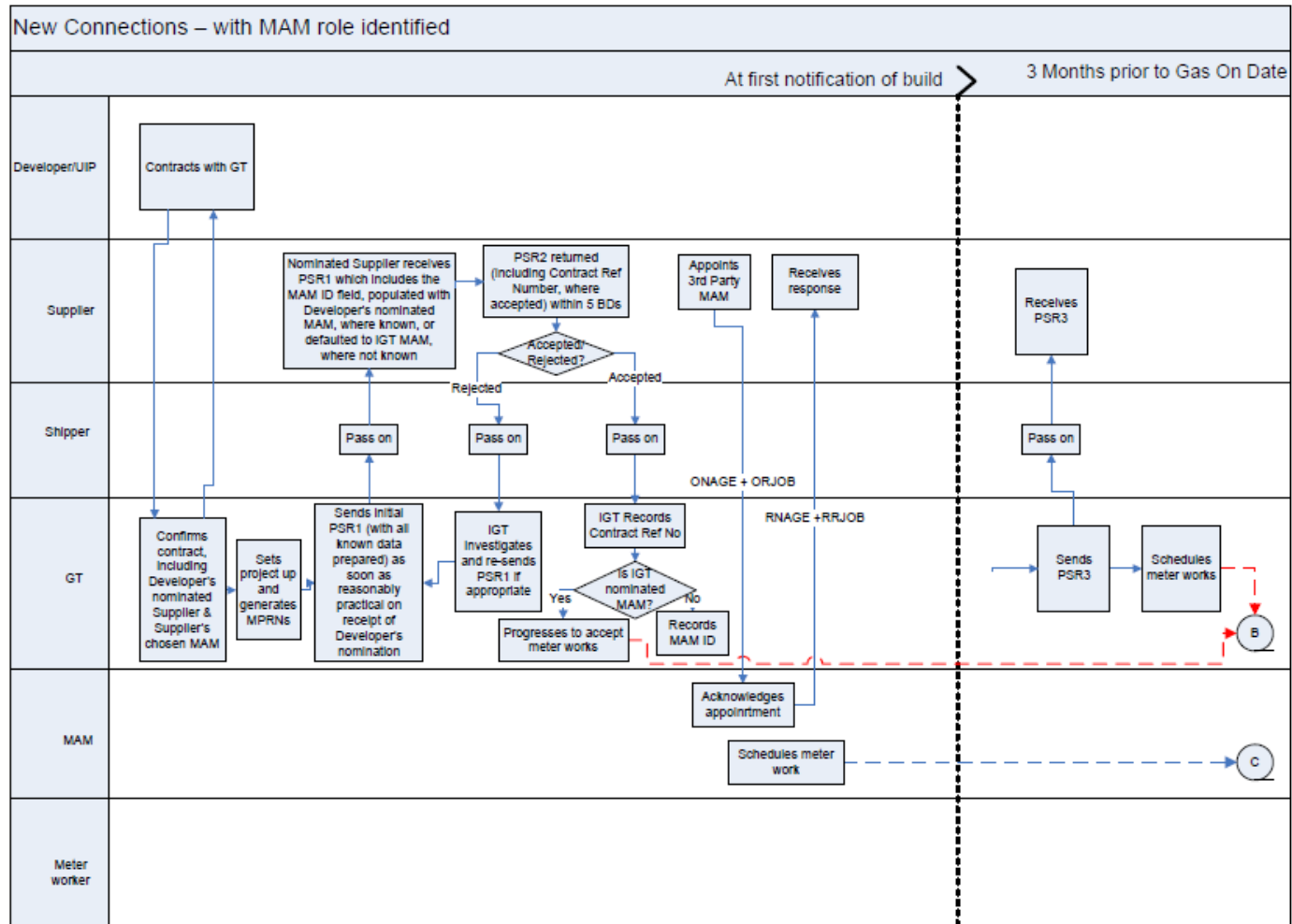
4.1 In order to assist in the verification of basic site information contained within the Project Summary Report with information previously provided by the Developer under nominated Supplier arrangements some Suppliers assign a Contract Reference Number to each new build development. The provision of the Contract Reference Number within the Project Summary Report will enable the Supplier to readily identify and to match specific information already present within their systems with that provided by the IGT. Within a dual fuel new build development further benefits are achieved in that a single identifier is present throughout the registration and initial billing process. Once generated the Contract Reference is provided to the Developer and will accompany all communications including the Change of Responsibility Form which is completed by the Sales Agent when notifying the Supplier of a house purchase completion and hand over to the new owner.

The following process will be followed in order that the IGT has pre-notification of the Contract Reference Number prior to issuing the pre-meter fit Project Summary Report.

- When confirmation is received from the Developer/Builder that the IGT has been contracted to act as Gas Transporter, the IGT will forward all relevant details to the Supplier by way of confirmation (PSR1)
- The Supplier on receipt of this notification will if necessary confirm with the Developer/Builder and thereafter generate Contract Reference Number.
- Contract Reference Number will be sent by the Supplier to both the IGT and the Developer/Builder if not previously advised
- IGT will keep a record of the Contract Reference Number in readiness for the production of any subsequent Project Summary Reports.

Note: Overall responsibility remains with the Supplier to provide the IGT with notification of the required Contract Reference Number.

## 5 Process Flows





## 5.1 Process Flows – narrative

### Where iGT is MAM

1. Developer/UIP contracts with iGT and identifies their nominated Supplier and MAM.
2. IGT confirms Developer's/UIP's contract.
3. IGT sets up project.
4. IGT generates and forwards Initial and Basic PSR1 to Shipper, including Developer's nominated MAM ID
5. Shipper responds with PSR2 within 5 business days either accepting or rejecting the PSR1.
6. Where the file is rejected the IGT/Shipper investigates, as per the business rules and a new PSR1 is sent by the iGT.
7. Where the file is accepted the Shipper will include the Contract Reference, ~~ifs~~ applicable.
8. IGT will record Shipper Contract Reference, where given.
9. Where there have been variations to the project, the iGT forwards PSR3 to the shipper.
10. IGT schedules meter works
11. IGT arranges meter provision and installation.
12. IGT advises Shipper /Supplier of Meter Data. (ONJOB)
13. Shipper/Supplier acknowledges receipt of Meter Data. (RNJOB)

### Where iGT is not MAM

1. Developer/UIP contracts with iGT and identifies their nominated Supplier and MAM.
2. IGT confirms Developer's/UIP's contract.
3. IGT sets up project
4. IGT generates and forwards Initial and Basic PSR1 to Shipper, including Developer's nominated MAM ID
5. Shipper responds with PSR2 within 5 business days either accepting or rejecting the PSR1.
6. Where the file is rejected the IGT/Shipper investigates, as per the business rules and a new PSR1 is sent by the iGT.
7. Where the file is accepted the Shipper will include the Contract Reference, if applicable.
8. IGT will record Shipper Contract Reference, where given.
9. Where there have been variations to the project, the iGT forwards PSR3 to the shipper.
10. Shipper appoints third party MAM.

11. Third party MAM installs asset.
12. Third party MAM notifies Supplier of Meter Data.
13. Supplier acknowledges receipt of Meter Data.
14. Supplier notifies iGT of Meter Data. (ONJOB)
15. IGT acknowledges receipt of Meter Data and records. (RNJOB)
16. IGT initiates transportation revenue and back-bills where necessary.

## 6. File Formats

### 6.1 PSR1

File type: PSR1 – IGT Initial and Basic Project Summary Report to Shipper

Record code: PSR1

Version: 1 09.09.09

Field Name	Mandatory/Optional	Domain T=Text, N=Numeric, D=Date	Field Length	Decimal	Field Consumption	Value/Format
Transaction Type	M	T	4	0	Transaction type within the file	PSR1
Shipper Reference/Contract Number	C	T	10	0	Unique identifier for Network assigned by Supplier	
IGT Reference Number	M	T	10	0	Project Summary Reference Number	
Sub Project Number	M	T	10	0	Used to determine phase of development	
Developer Name	M	T	30	0	Builder Name	
Network Development Name	M	T	30	0	Site Name	
Address Line 1: Free_Text_Line_1	M	T	256	0	Text to include plot address / developer details. IGT will populate plot address within the field where a full postal address is available and provided. If full postal not available, plot details will be populated within Standard Address Format	

**Comment [c2]:** is this developers contact address or the development address?

Address Line 2: Free_Text_Line_2	O	T	256	0	Text to include plot address/developer details	
Address Line 3: Sub_Building	O	T	30	0	Sub Building reference number or letter	
Address Line 4: Building_Number	O	N	6	0	Number	
Address Line 5: Building_Name	O	T	50	0	Name of Building	
Address Line 6: Dependent_Thoroughfare	O	T	35	0		
Address Line 7: Thoroughfare	O	T	35	0	Main street associated with an address	
Address line 8: Double_Dependent_Locality	O	T	35	0	A geographic area within a dependent locality	
Address Line 9: Dependent_Locality	O	T	35	0	A geographic area with a post town	
Address Line 10: Post_Town	M	T	35	0	The name of the town in which the address lies	
Address Line 11: County	O	T	35	0	The county name for postal purposes	
Outcode	M	T	4	0	Post Code - Outcode	
Incode	O	T	4	0	Post Code – Incode	
Number of Plots	M	N	10	0	Number of plots in PSR	
LDZ	O	T	3	0	Local Distribution Zone	
Exit Zone	M	T	3	0	Exit Zone	

PSR Issue Number	M	N	2	0	Number will advance in accordance with number of required re-submissions	
PSR Issue Reason/Code	M	T	8	0	Reason(s) for issue of PSR i.e. Initial Issue	
PSR Issue Reason/Text	C	T	256	0	This field will be used by the IGT to provide specific details regarding the reasons for change in the PSR and will point directly to the changes made	
Meter owner	M	T	1	0	Meter Owner provided as "Gas Act Owner". T=Transporter, S=Supplier, C=Customer, U=Unknown. If third party, should be defaulted to Supplier. This is consistent with RGMA Baseline requirements	"T"/"S"/"C"/"U"
MAM ID	M/C?	T	3	0	Three character code for identifying MAM	
Transaction Type	M	T	4	0	Transaction type within the file	PSR1
MPRN	M/O	N	10	0	Meter point reference number	
Plot Number	C	T	6	0	Unique plot identifier within site	
Property Type	C	T	3	0	Type of property being built e.g. 3BD	
Plot AQ	C	N	12	0	AQ for plot	
EUC	C	T	8	0	EUC code	

Address Line 1: Free_Text_Line_1	C	T	256	0	Text to include plot address /developer details	If IGT is aware of Postal Address there is a requirement for all necessary fields to be completed
Address Line 2: Free_Text_Line_2	C	T	256	0	Text to include address/developer details	
Address Line 3: Sub_Building	C	T	30	0	Sub Building reference number or letter	
Address Line 4: Building_Number	C	N	6	0	Number	
Address Line 5: Building_Name	C	T	50	0	Name of Building	
Address Line 6: Dependent_Thoroughfare	C	T	35	0		
Address Line 7: Thoroughfare	C	T	35	0	Main street associated with an address	
Address Line 8: Double_Dependent_Locality	C	T	35	0	A geographic area within a dependent locality	
Address Line 9: Dependent_Locality	C	T	35	0	A geographic area within a post town	
Address Line 10: Post_Town	C	T	35	0	The name of the town in which the address lies	
Address Line 11: County	C	T	35	0	The county name for postal purposes	
Outcode	C	T	4	0	Post Code – Outcode	
Incode	C	T	4	0	Post Code - Incode	

## 6.2 PSR2

File type: PSR2 – Shipper Acknowledgment to IGT PSR1

Record code: PSR2

Version: 1 09.09.09

Field Name	Mandatory/Optional	Domain T=Text, N=Numeric, D=Date	Field Length	Decimal	Field Consumption	Value/Format
Transaction Type	M	T	4	0	Transaction type within the file	PSR2
Shipper Reference/Contract Number	C	T	10	0	Unique identifier for Network assigned by Supplier	
IGT Reference Number	M	T	10	0	Project Summary Reference Number	
Sub Project Number	M	T	10	0	Used to determine phase of development	
Developer Name	M	T	30	0	Builder Name	
Network Development Name	M	T	30	0	Site Name	
Address Line 1: Free_Text_Line_1	M	T	256	0	Text to include plot address/developer details. IGT will populate plot address within the field where a full postal address is available and provided. If full postal not available, plot details will be populated within Standard Address Format	

Address Line 2: Free_Text_Line_2	O	T	256	0	Text to include plot address/developer details	
Address Line 3: Sub_Building	O	T	30	0	Sub Building reference number or letter	
Address Line 4: Building_Number	O	N	6	0	Number	
Address Line 5: Building_Name	O	T	50	0	Name of Building	
Address Line 6: Dependent_Thoroughfare	O	T	35	0		
Address Line 7: Thoroughfare	O	T	35	0	Main street associated with an address	
Address line 8: Double_Dependent_Locality	O	T	35	0	A geographic area within a dependent locality	
Address Line 9: Dependent_Locality	O	T	35	0	A geographic area with a post town	
Address Line 10: Post_Town	M	T	35	0	The name of the town in which the address lies	
Address Line 11: County	O	T	35	0	The county name for postal purposes	
Outcode	M	T	4	0	Post Code - Outcode	
Incode	O	T	4	0	Post Code – Incode	
Number of Plots	M	N	10	0	Number of plots in PSR	
LDZ	O	T	3	0	Local Distribution Zone	
Exit Zone	M	T	3	0	Exit Zone	

PSR Issue Number	M	N	2	0	Number will advance in accordance with number of required re-submissions	
PSR Issue Reason/Code	M	T	8	0	Reference to the PSR1 which this PSR2 refers to i.e. Initial Issue	
PSR Issue Reason/Text	C	T	256	0	This field will be used by the IGT to provide specific details regarding the reasons for change in the PSR1	
Meter owner	M	T	1	0	Meter Owner provided as "Gas Act Owner". T=Transporter, S=Supplier, C=Customer, U=Unknown. If third party, should be defaulted to Supplier. This is consistent with RGMA Baseline requirements	"T"/"S"/"C"/"U"
MAM ID	M/C	T	3	0	Three character code for identifying MAM	
Transaction Type	M	T	4	0	Transaction type within the file	PSR2
MPRN	M/O	N	10	0	Meter point reference number	
Plot Number	C	T	6	0	Unique plot identifier within site	
Property Type	C	T	3	0	Type of property being built e.g. 3BD	
Plot AQ	C	N	12	0	AQ for plot	
EUC	C	T	8	0	EUC code	

Address Line 1: Free_Text_Line_1	C	T	256	0	Text to include plot address/developer details	If IGT is aware of Postal Address there is a requirement for all necessary fields to be completed
Address Line 2: Free_Text_Line_2	C	T	256	0	Text to include address/developer details	
Address Line 3: Sub_Building	C	T	30	0	Sub Building reference number or letter	
Address Line 4: Building_Number	C	N	6	0	Number	
Address Line 5: Building_Name	C	T	50	0	Name of Building	
Address Line 6: Dependent_Thoroughfare	C	T	35	0		
Address Line 7: Thoroughfare	C	T	35	0	Main street associated with an address	
Address Line 8: Double_Dependent_Locality	C	T	35	0	A geographic area within a dependent locality	
Address Line 9: Dependent_Locality	C	T	35	0	A geographic area within a post town	
Address Line 10: Post_Town	C	T	35	0	The name of the town in which the address lies	
Address Line 11: County	C	T	35	0	The county name for postal purposes	
Outcode	C	T	4	0	Post Code – Outcode	

Incode	C	T	4	0	Post Code - Incode	
Outcome Code	M	T	2	0	AC-Acceptance, RJ-Rejection	"AC"/"RJ"

Rejection Reason – Code 1	M	T	8	0	Rejection reason provided as a code number	See List
Rejection Reason – Code 2	M	T	8	0	Rejection reason provided as a code number	See List
Rejection Reason – Code 3	M	T	8	0	Rejection reason provided as a code number	See List
Rejection Reason - Text	O	T	256	0	Free text field for Shipper to advise iGT of reason(s) for rejection	At least 1 code or rejection reason text must be present

### 6.3 PSR3

File type: PSR3 – IGT to Shipper PSR with Project Variations prior to First Meter Fit

Record code: PSR3

Version: 1 09.09.09

Field Name	Mandatory/Optional	Domain T=Text, N=Numeric, D=Date	Field Length	Decimal	Field Consumption	Value/Format
Transaction Type	M	T	4	0	Transaction type within the file	PSR3
Shipper Reference/Contract Number	C	T	10	0	Unique identifier for Network assigned by Supplier	
IGT Reference Number	M	T	10	0	Project Summary Reference Number	
Sub Project Number	M	T	10	0	Used to determine phase of development	
Developer Name	M	T	30	0	Builder Name	
Network Development Name	M	T	30	0	Site Name	
Address Line 1: Free_Text_Line_1	M	T	256	0	Text to include plot address/ developer details. IGT will populate plot address within the field where a full postal address is available and provided. If full postal not available, plot details will be populated within Standard Address Format	

Address Line 2: Free_Text_Line_2	0	T	256	0	Text to include plot address/developer details	
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Address Line 3: Sub_Building	O	T	30	0	Sub Building reference number or letter	
Address Line 4: Building_Number	O	N	6	0	Number	
Address Line 5: Building_Name	O	T	50	0	Name of Building	
Address Line 6: Dependent_Thoroughfare	O	T	35	0		
Address Line 7: Thoroughfare	O	T	35	0	Main street associated with an address	
Address line 8: Double_Dependent_Locality	O	T	35	0	A geographic area within a dependent locality	
Address Line 9: Dependent_Locality	O	T	35	0	A geographic area with a post town	
Address Line 10: Post_Town	M	T	35	0	The name of the town in which the address lies	
Address Line 11: County	O	T	35	0	The county name for postal purposes	
Outcode	M	T	4	0	Post Code - Outcode	
Incode	O	T	4	0	Post Code – Incode	
Number of Plots	M	N	10	0	Number of plots in PSR	
LDZ	O	T	3	0	Local Distribution Zone	
Exit Zone	M	T	3	0	Exit Zone	
PSR Issue Number	M	N	2	0	Number will advance in accordance with number of required re-submissions	

PSR Issue Reason/Code	M	T	8	0	PSR3 issue Reason	See List
PSR Issue Reason/Text	C	T	256	0	This field will be used by the IGT to provide specific details regarding the reasons for change in the PSR3	See List
Meter owner	M	T	1	0	Meter Owner provided as "Gas Act Owner". T=Transporter, S=Supplier, C=Customer, U=Unknown. If third party, should be defaulted to Supplier. This is consistent with RGMA Baseline requirements	"T"/"S"/"C"/"U"
MAM ID	M	T	3	0	Three character code for identifying MAM	
Transaction Type	M	T	4	0	Transaction type within the file	PSR1
MPRN	M	N	10	0	Meter point reference number	
Plot Number	C	T	6	0	Unique plot identifier within site	
Property Type	C	T	3	0	Type of property being built e.g. 3BD	
Plot AQ	C	N	12	0	AQ for plot	
EUC	C	T	8	0	EUC code	
Address Line 1: Free_Text_Line_1	C	T	256	0	Text to include plot address/developer details	If IGT is aware of Postal Address there is a requirement for all necessary fields to be completed

Address Line 2: Free_Text_Line_2	C	T	256	0	Text to include address/developer details	
Address Line 3: Sub_Building	C	T	30	0	Sub Building reference number or letter	
Address Line 4: Building_Number	C	N	6	0	Number	
Address Line 5: Building_Name	C	T	50	0	Name of Building	
Address Line 6: Dependent_Thoroughfare	C	T	35	0		
Address Line 7: Thoroughfare	C	T	35	0	Main street associated with an address	
Address Line 8: Double_Dependent_Locality	C	T	35	0	A geographic area within a dependent locality	
Address Line 9: Dependent_Locality	C	T	35	0	A geographic area within a post town	
Address Line 10: Post_Town	M	T	35	0	The name of the town in which the address lies	
Address Line 11: County	C	T	35	0	The county name for postal purposes	
Outcode	M	T	4	0	Post Code – Outcode	
Incode	C	T	4	0	Post Code - Incode	


## Transaction Format

Data Set:	Occurs	Option	Rules	Rules	MDD
Attribute	Number		Description		
1	1 to many (per File)				
<b>Transaction</b>					
	A0177	M	<b>Record Identifier</b>	TRANS	MDD
	A0055	M	Transaction Reference		
	A0056	O	Transaction Comment	∅ This could include details of: Where to leave the asset for collection	
				∅⊕ If a bypass is to be removed/installed	
				* What type of job the Cross reference field below relates to, and what the dependency is e.g. site works must be complete.	
	A0053	O	Contract Reference		
	A0144	M	Transaction Type Code	* Identifies if the job is a: <ul style="list-style-type: none"> <li>• Removal</li> <li>• Installation</li> <li>• Exchange</li> <li>• Reposition</li> <li>• Other Visit</li> </ul>	MDD
	A0167	O	Transaction Type Reason Code	CP04/003 added RCNDT (Reconnection After Debt) as a valid Transaction Type Reason Code	MDD
	A0058	O	Cross-Ref Other Internal Job Ref		
	A0122	O	Cross-Ref Other External Job Ref		
	A0142	M	Transaction Status Code	* e.g. Identifies it as a Request, Re-Request, Cancellation or Hold.	MDD
	A0057	O	Transaction Status Change Reason Code		MDD
	A0161	O	Market Sector Code		MDD
	A0166	X	Date of Notice		
	A0068	X	Registration Body		MDD
	A0069	X	Registration Reference		(MDD) <sup>1</sup>
	A0081	X	Effective From Date		
	A0082	X	Effective To Date		
1.1	1 (per transaction)				
<b>Meter Point</b>					
	A0177	M	Record Identifier	MTPNT	MDD
	A0178	X	Data Update Code		MDD
	A0072	M	Meter Point Reference Number		
	A0076	M	Meter Link Code	Must be provided as per a) Gas Safety (Installation and use) Regulations 1996, b) commercial requirements to decide who provides metering services c) knowledge to manage consumer owned meters.	MDD
	A0077	C	Meter Point Status	⊕ Data Required by the MAM, may not be sent if they maintain it. ∅ Must be sent for Measuring Assets where the Meter	MDD

<sup>1</sup> Where the Registration Body is OAMI

Status is not 'live'.					
Data Set:	Occurs	Rules			
Attribute	Number	Option	Description	Rules	MDD
Status is not 'live'.					
	A0059	O	Location Code		MDD
	A0157	O	Meter Point Location Notes	★ Should be entered if the Location Code is 'Other'.	
	A0075	O	Access Instructions	★ It is recommended this value is sent, but it is optional as commercially this may not be maintained by the Supplier.	
	A0074	O	Conversion Factor	⊕ This may be sent if it is known, so any changes can be notified.	
	A0073	X	Last Inspection Date		
	A0164	X	Metering Pressure		
1.1.1 Address	0 to 1 (per Meter point)		★	This address should contain a Building reference, street name, Post Town and Post Code wherever possible.	
	A0177	M	Record Identifier	ADDRS	MDD
	A0102	M	Address Type Code	★ Identifies this as a Meter Point address.	MDD
	A0003	O	Address Text		
	A0004	O	Sub Building Name_Number	★ At least one of this or the next two fields should be provided.	
	A0006	O	Building Name_Number		
	A0007	O	Dependent Thoroughfare		
	A0008	O	Thoroughfare	★ At least this or the field above should be provided.	
	A0009	O	Double Dependent Locality		
	A0010	O	Dependent Locality		
	A0011	O	Post Town	★ This should be provided.	
	A0012	O	County		
	A0013	M	Post Code	★ Where there is no Post Code allocated then the relevant GT default value is to be used.	
	A0015	O	Grid Co-ord X		
	A0016	O	Grid Co-ord Y		
	A0017	O	Grid Co-ord Z		
	A0018	X	Unique Property – Reference Number		
1.1.2 Asset	1 to many (per Meter Point)		★	This group will be repeated for each asset to be removed or installed. It can also provide information on other assets at the Meter Point that may be related to the work (e.g. where a converter is being removed but not the meter, the meter information may also be required to provide a related reading), or are to be reported on (e.g. commercial agreements to check asset data is correct). It is also used to identify the presence of assets at the Meter Point e.g. Bypass, and in some cases it is used to identify roles related to the asset e.g. a Transportation Data logger. If there is a Bypass at the site the MAM must be aware of it and its status.	
	A0177	M	Record Identifier	ASSET	MDD
	A0178	X	Data Update Code		MDD
	A0144	M	Transaction Type Code	For assets it can identify is the asset is being: Is to be removed Is to be installed	MDD

Data Set:	Occurs	Rules			MDD
Attribute	Number	Option	Description	Rules	MDD
				↔ To be Exchanged or Repositioned	
				Ⓜ Its data is to be, or being Update/Reported on	
A0024	M		Asset Class Code		MDD
A0109	O		Product Id		MDD
A0163	O		Payment Method code		MDD
A0083	O		Model Code		MDD
A0060	O		Manufacturer Code		MDD
A0021	O		Year of Manufacture		MDD
A0022	O		Serial Number	* Only populated for Measuring Assets.	
				⊕ There is a legal requirement for this to be provided for Measuring Assets being connected or disconnected, where known.	
A0059	O		Location Code	* Information for the meter Location code should be entered unless the Meter Point Location code has been entered and is the same.  The other location codes should be entered if they are different to that of the Meter.	MDD
A0158	O		Asset Location Notes	* This should be entered if the location code is 'Other'.	
A0037	O		Asset Status Code	* Where the asset is a bypass, this must be sent and is the current status of the bypass to ensure that any differences to what is actually in place, can be recorded. If there is a difference then there is potential theft.	MDD
1.1.2.1 Meter	0 to 1 (per Asset)			* This group will be present where the asset is a meter and the meter specific information is being passed.	
A0177	M		Record Identifier	METER	MDD
A0178	X		Data Update Code		MDD
A0025	O		Meter Type Code		MDD
A0085	C		Meter Mechanism code	⊕ This must be sent for a connection.	MDD
A0112	O		Measuring Capacity		
A0079	O		Meter Usage Code		MDD
A0044	O		Collar Status Code	* This must be provided if there is a collar	MDD
A0149	X		OAMI Inspection Date	⊕ Should be entered for the MAM to know who's meter they are installing or who they need to notify to pick up a removed meter.	
A0126	O		Role Code		MDD
A0160	X		Last Refurbished Date		
A0194	X		Pulse Value		

Data Set:	Occurs	Option	Rules	Rules	MDD
Attribute	Number		Description		
1.1.2.2 <b>Register Details</b>	0 to 2 (per measuring asset being removed or reported on)			Provided to assist with reading Measuring Assets	
	A0177	M	Record Identifier	REGST	MDD
	A0126	M	Role Code	* This indicates it is for the Asset Provider	MDD
	A0064	M	Market Participant Abbreviated Name		MDD
	A0121	O	Number of Dials or Digits		
	A0123	O	Units of Measure		MDD
	A0120	O	Multiplication factor		
1.1.2.3 <b>Market Participant</b>	0 to 1 (per Asset)				
	A0177	M	Record Identifier	MKPRT	MDD
	A0126	M	Role Code	* This indicates it is for the Asset Provider	MDD
	A0064	M	Market Participant Abbreviated Name		MDD
1.1.2.4 <b>Name</b>	0 to many (for each Asset)			* This is only present if the identification of the Asset Provider is not in the Market Participant data set, or if unconnected asset collection/disposal addresses need to be passed.  Asset (Meter) to be left for owner to collect. Collection address of asset to be installed.	
	A0177	M	Record Identifier	NAME	MDD
	A0107	M	Person Type Code	* Identifies this is for an Asset Provider or for an unconnected asset (whether it is the collection or address where the asset is to be left will be determined by whether the asset it is associated to is an install or remove).	MDD
	A0088	O	Title		
	A0089	O	Initials		
	A0090	O	Surname		
	A0100	X	Person Notes		
	A0101	X	Access Password		
1.1.2.4.1 <b>Address</b>	0 to 1 (for each Name related to the Asset)			* This identifies the address of the body identified in the Name data set above, where it may be useful for the Meter Worker. This will not often be used, but provides future proofing.	
	A0177	M	Record Identifier	ADDRS	MDD
				* Identifies this is for an Asset Provider or for an unconnected asset (whether it is the collection or address where the asset is to be left will be determined by whether the asset it is associated to is an install or remove).	
	A0102	M	Address Type Code		MDD
	A0003	O	Address Text		

	A0004	O	Sub Building Name_Number		
<b>Data Set:</b>	<b>Occurs</b>	<b>Option</b>	<b>Rules</b>		
<b>Attribute</b>	<b>Number</b>	<b>Option</b>	<b>Description</b>	<b>Rules</b>	<b>MDD</b>
	A0006	O	Building Name_Number		
	A0007	O	Dependent Thoroughfare		
	A0008	O	Thoroughfare		
	A0009	O	Double Dependent Locality		
	A0010	O	Dependent Locality		
	A0011	O	Post Town		
	A0012	O	County		
	A0013	O	Post Code		
	A0015	O	Grid Co-ord X		
	A0016	O	Grid Co-ord Y		
	A0017	O	Grid Co-ord Z		
	A0018	X	Unique Property – Reference Number		
1.1.2.4.2 <b>Contact Mechanism</b>	0 to many (per Name per Transaction)				
	A0177	M	Record Identifier	CONTM	MDD
	A0049	M	Contact Mechanism Code		MDD
	A0106	M	Contact Mechanism Value		
1.2 <b>Appointment</b>	0 to many (for each Transaction)			*	This provides date/times to assist the scheduling of the work with the consumer/contacts, there may be more than one set of available dates/times. However it could be up to the MAM to decide when to book it, in which case this data set would not be present. It is likely to contain the earliest and latest appointment date/time.
	A0177	M	Record Identifier	APPNT	MDD
	A0019	O	Appointment Qualifier Code		MDD
	A0138	M	Appointment Date From		
	A0139	O	Appointment Date To		
	A0019	O	Appointment Qualifier Code		MDD
	A0140	O	Appointment Time From		
	A0141	O	Appointment Time To		
1.3 <b>Address</b>	0 to 1 (per Transaction)			*	This is the site address. It must be provided if the address to report to is different to the on the Meter Point is at.
	A0177	M	Record Identifier	ADDRS	MDD
	A0102	M	Address Type Code	*	Indicate that it is a site address.
	A0003	O	Address Text		
	A0004	O	Sub Building Name_Number		
	A0006	O	Building Name_Number		
	A0007	O	Dependent Thoroughfare		

	A0008	O	Thoroughfare		
<b>Data Set:</b>	<b>Occurs</b>		<b>Rules</b>		
<b>Attribute</b>	<b>Number</b>	<b>Option</b>	<b>Description</b>	<b>Rules</b>	<b>MDD</b>
	A0009	O	Double Dependent Locality		
	A0010	O	Dependent Locality		
	A0011	O	Post Town		
	A0012	O	County		
	A0013	O	Post Code		
	A0015	O	Grid Co-ord X		
	A0016	O	Grid Co-ord Y		
	A0017	O	Grid Co-ord Z		
	A0018	X	Unique Property – Reference Number		
<b>1.4 Name</b>	0 to many (per Transaction)			* These are the contacts for the Job which could include the Consumer and other Contacts. Contact could include: <ul style="list-style-type: none"> <li>• Collect the Keys</li> <li>• Report To.</li> </ul>	
	A0177	M	Record Identifier	NAME	MDD
	A0107	M	Person Type Code	* Identifies the type of contact e.g. consumer, contact to collect keys.	MDD
	A0088	O	Title		
	A0089	O	Initials		
	A0090	O	Surname		
	A0100	O	Person Notes		
	A0101	O	Access Password		
<b>1.4.1 Address</b>	0 to 1 (for each Name for a Transaction)			* There may be an address for the various contacts or consumers, there will not be more than one sent for any associated name (although the systems may hold more than one).	
	A0177	M	Record Identifier	ADDRS	MDD
	A0102	M	Address Type Code	* Identifies this is a Consumer or type of contact	MDD
	A0003	O	Address Text		
	A0004	O	Sub Building Name_Number		
	A0006	O	Building Name_Number		
	A0007	O	Dependent Thoroughfare		
	A0008	O	Thoroughfare		
	A0009	O	Double Dependent Locality		
	A0010	O	Dependent Locality		
	A0011	O	Post Town		
	A0012	O	County		
	A0013	O	Post Code		
	A0015	O	Grid Co-ord X		
	A0016	O	Grid Co-ord Y		
	A0017	O	Grid Co-ord Z		
	A0018	X	Unique Property – Reference Number		
<b>1.4.2 Contact Mechanism</b>	0 to many (for each Name associated to a Transaction)			* This must be associated to the relevant Name, even if the name only Has the 'Person Type Code' in it.	
	A0177	M	Record Identifier	CONTM	MDD
	A0049	M	Contact Mechanism Code		MDD
	A0106	M	Contact Mechanism Value		

Data Set:		Occurs		Rules	
Attribute	Number	Option	Description	Rules	MDD
1.4.3 <b>Care Details</b>	0 to many (for each Name associated to a Transaction)			* These are the care details for the consumer, or contact if relevant.	
	A0177	M	Record Identifier	CARE	MDD
	A0039	M	Care Category Code		MDD

### Example Minimal Data

As a guideline, the following information is required as a minimum for this Transaction:

1	Transaction	A0177 – Record Identifier A0055 Transaction Reference A0144 – Transaction Type Code eg. Instl A0142 – Transaction Status Code eg. Reqst
1.1	Meter Point	A0177 – Record Identifier A0072 – Meter Point Reference
1.1.2	Asset	A0177 – Record Identifier A0144 – Transaction type Code eg. Instl (to be installed) A0024 – Asset Class Code eg. Meter

## 6.5 ONJOB

**Comment [c4]:** Some data items reference xoserve records that we may not use, so may require a RGMA Baseline change. Also 'GTX' items will all need reviewing as we may want some of them.

Data Set:	Occurs	Rules			
Attribute	Number	Option	Description	Rules	MDD
<b>1 Transaction</b>	1 to many (per File)				
	A0177	M	Record Identifier	TRANS	MDD
	A0055	M	Transaction Reference		
	A0056	O <sup>GTX</sup>	Transaction Comment		
	A0053	O <sup>GTX</sup>	Contract Reference		
	A0144	M	Transaction Type Code	* This is Market Domain Data (MDD) and identifies if the job was a: <ul style="list-style-type: none"> <li>• Removal</li> <li>• Installation</li> <li>• Exchange</li> <li>• Reposition</li> <li>• Other Visit</li> </ul>	MDD
	A0167	O <sup>GTX</sup>	Transaction Type Reason Code		MDD
	A0058	O <sup>GTX</sup>	Cross-Ref Other Internal Job Reference		
	A0122	O <sup>GTX</sup>	Cross-Ref Other External Job Reference		
	A0142	C <sup>GTX</sup>	Transaction Status Code	* Must be provided to the Supplier e.g. complete, partially completed. Must be provided where the flow is a pre-notification.	MDD
	A0057	C <sup>GTX</sup>	Transaction Status Change Reason Code		MDD
	A0161	O	Market Sector Code	>GT Can be provided on the T73 'Request for amending the Market Sector Code'. Additionally, the GT can accept this data via this RGMA transaction (demonstrating compliance to RGMA baseline).	MDD
	A0166	C	Date of Notice	⊕ Mandatory for flows direct from MAM to GT where a meter has been connected or disconnected. It is not required for any pre-notification or where only a converter is being worked on..	
	A0068	C	Registration Body	⊕ Must be present for Job notifications where a meter has been connected or disconnected and if the Meter Worker is not provided in the Market Participant or as Name and Address records.	MDD
	A0069	C	Registration Reference	⊕ Must be provided for Job notifications where a meter has been connected or disconnected and if the Meter Worker is not provided in the Market Participant or as Name and Address records.	
	A0081	X	Effective From Date		
	A0082	X	Effective To Date		
	A0177	M	Record Identifier	TRANS	MDD

Data Set:	Occurs	Option	Rules	Rules
Attribute	Number		Description	
1.1 <b>Meter Point</b>	1 (per Transaction)			* Any information populated over and above the Transaction information and the Meter Point Reference should be treated as an update to the Meter Point information.
	A0177	M	Record Identifier	MTPNT MDD
	A0178	O	Data Update Code	* Must be populated if any of the data is updated MDD
	A0072	M	Meter Point Reference Number	
	A0076	X	Meter Link Code	* Updates are exceptional and to be discussed with GT. MDD
	A0077	X	Meter Point Status	MDD
	A0059	O <sup>GTX</sup>	Location Code	MDD
	A0157	C <sup>GTX</sup>	Meter Point Location Notes	* Must be entered if the Location Code is 'Other'. MDD
	A0075	O	Access Instructions	
	A0074	O	Conversion Factor	
	A0073	O	Last Inspection Date	GT> Can be provided on the N44 Meter Inspection Flow. Additionally, the GT can accept this data via this RGMA transaction (demonstrating compliance to RGMA baseline).
	A0164	X	Metering Pressure	
1.1.1 <b>Asset</b>	0 to many (per Meter Point)			* The data set must be present where assets are being installed, removed or exchanged. For a Job Notification, if a Transporter datalogger or a bypass is present at the site but there is no record of it, this will be 'reported' as an update data set in this transaction. This data set will always be present for a GT flow as they will only be notified of completed jobs.
	A0177	M	Record Identifier	ASSET MDD
	A0178	O	Data Update Code	⊗ Must be provided if any of the data is being updated MDD
	A0144	M	Transaction Type Code	MDD
	A0024	M	Asset Class Code	MDD
	A0109	O <sup>GTX</sup>	Product Id	GT> Refer to GT documentation for treatment of this (see 8. 'Error! Reference source not found.' MDD
	A0163	O <sup>GTX</sup>	Payment Method code	MDD
	A0083	C	Model Code	⊕ For Job Notifications this must be provided if it cannot be deduced for meters and converters. MDD
	A0060	C	Manufacturer Code	⊕ For Job Notifications this must be provided if it cannot be deduced for meters and converters. MDD
	A0021	C	Year of Manufacture	⊕ For Job Notifications this must be provided if it cannot be deduced for meters and converters.
	A0022	C	Serial Number	* For Job Notifications this must be populated for all Measuring Assets, where known.
	A0059	C	Location Code	⊕ For Job Notifications this is mandatory for a new and repositioned meter MDD
				⊗ This is not provided for one being removed.
				Ⓜ It can optionally be reported on for an existing asset.
				* The other location codes should be entered if they are different to that of the Meter.

Data Set:	Occurs	Rules	Data Set:
Attribute	Number	Option Description	Attribute
			<b>GT&gt;</b> The GT is only interested in the location of the Meter.
A0158	O	Asset Location Notes	* This must be entered if the location code is 'Other'.
A0037	C	Asset Status Code	⊕ For Job Notifications this must be provided for meters and converters.
			⊕ For Job Notifications this must be provided where known it must be entered for a: Meter e.g. capped, live Converter – if it is faulty Bypass – if it is open or closed <sup>2</sup> Other modules – to indicate if they are active or not.
1.1.1.1 Meter	0 to 1 (per Asset)		<b>GT&gt;</b> Not required for meters being removed
A0177	M	Record Identifier	METER MDD
A0178	O	Data Update Code	⊕ Must be provided if any of the data is being updated
A0025	C	Meter Type Code	⊕ It must be sent the Supplier and recommended that is sent to the GT if it cannot be deduced. MDD
			<b>GT&gt;</b> Not sent if the meter is being removed
A0085	C	Meter Mechanism code	⊕ For Job Notifications from the MAM this must be provided if it is a prepayment meter MDD
A0112	C	Measuring Capacity	⊕ Must be provided to the Supplier if it cannot be deduced.
			<b>GT&gt;</b> Not sent if the meter is being removed
A0079	O <sup>GTx</sup>	Meter Usage Code	MDD
A0044	O	Collar Status Code	* Where a Collar status was 'Intact and the MAM: - Finds it is Broken they are responsible for any relevant 'Potential Tampering' process. - Notifies the Supplier that it has changed status, the Supplier is responsible for any relevant investigation (the Supplier could have requested the Collar was removed). ⊕ For Job Notifications this must be provided if there is a collar.
			<b>GT&gt;</b> Where there was a previously 'Intact collar and it is no longer intact (e.g. broken or removed) the GT will be notified it is 'Broken'.
A0149	O <sup>GTx</sup>	OAMI Inspection Date	⊕ For Job Notifications this must be provided for an installed meter <sup>3</sup> where it has been OAMI Inspected, it may be present for a meter where the meter was removed and re-connected as part of removing another asset.
A0126	C	Role Code	<b>GT&gt;</b> This may alternatively be sent via the GT's change of MAM/GAO flow if it is changed. This is not required for pre-notification. MDD

<sup>2</sup> The Bypass must be reported on even for a removal if its status is different to that notified/held

<sup>3</sup> Whether it is part of an installation, exchange or reposition

Data Set:	Occurs	Option	Rules	Rules	MDD
Attribute	Number	Option	Description	Rules	MDD
	A0160	X	Last Refurbished Date		
	A0194	X	Pulse Value		
1.1.1.2 <b>Converter</b>	0 to 1 (per Asset)		Ⓡ⊕	This group will be present where the asset is a converter and converter specific information is being passed.	
	A0177	M	Record Identifier	CONVE	MDD
	A0178	O	Data Update Code	Ⓡ⊘	Must be provided if any of the data is being updated
	A0036	M	Conversion basis Code		MDD
	A0027	M	Converter Conversion factor		
1.1.1.3 <b>Register Details</b>	0 to 2 (per Asset)		★	This may be present for Measuring Assets being installed, removed or reported on, it will not be present for non Measuring Assets. Where there is a data logger being connected or disconnected, the meter register and reading are sent <sup>4</sup> .	
			Ⓡ	For Job Notifications when a data logger is removed, it is the meter reading that is returned, therefore a data logger does not have Register Details or Readings, but is always accompanied by Meter Asset details sufficient to pass the Meter Reading.	
			⊕	For Job Notifications there will always be two of these data sets for a converter, one for the converter and another for the unconverted index's.	
	A0177	M	Record Identifier	REGST	MDD
	A0178	O	Data Update Code	Ⓡ⊘	Must be provided if any of the data is being updated
	A0124	M	Register Type Code	★	There will never be more than one set of details for the same type e.g. there would never be two sets of converted registers for a particular converter.
	A0121	C	Number of Dials or Digits	⊕	For Job Notifications this must be provided if it cannot be deduced <sup>5</sup> .
	A0123	C	Units of Measure	⊕	For Job Notifications this must be provided if it cannot be deduced.
	A0120	C	Multiplication factor	⊕	For Job Notifications this must be provided if it cannot be deduced.
1.1.1.3.1 <b>Reading</b>	0 to 1 (per Register Details)		★	This identifies an assets opening or closing read, and may include related assets readings at the time of an associated installation / removal.	
	A0177	M	Record Identifier	READG	MDD
	A0031	C <sup>GTx</sup>	Reading Date	★	This must be present, unless it is the transaction being sent to the GT (Refer to GT documentation for treatment of this (see 8. 'Error! Reference source not found.').
	A0034	O	Round the Clock	GT>	Refer to GT documentation for treatment of this (see 8. 'Error! Reference source not found.').
	A0033	M	Reading Index	GT>	Refer to GT documentation for treatment of this (see 8. 'Error! Reference source not found.').

<sup>4</sup> There are no register details for a data logger, the data logger readings and pulses are communicated by phone to the data logger service organisation.

<sup>5</sup> This provides future proofing if an industry product table is defined.

Data Set:	Occurs	Option	Rules	Rules
Attribute	Number		Description	
1.1.1.4 Market Participant	0 to 1 (per Asset)		<p>∅</p> <p>Ⓜ ⊕</p> <p>GT&gt;</p>	<p>This is not sent on a pre-notification.</p> <p>This is not provided.</p> <p>It is the Asset Provider of the Asset, where the commercial agreement requires the MAM to return this information to the Supplier<sup>6</sup>.</p> <p>Only interested to identify if the data logger is one of theirs</p>
A0177	M		Record Identifier	MKPRT MDD
A0126	M		Role Code	* Identifies this is for an Asset Provider. MDD
A0064	M		Market Participant Abbreviated Name	MDD
1.1.1.5 Name	0 to many (per Asset)		<p>Ⓜ ⊕</p> <p>∅</p> <p>GT&gt;</p>	<p>This is not sent for a pre-notification.</p> <p>This may be used to identify the Asset Provider where they are not identified in the Market Participant.</p> <p>Asset Collection Address related to a removed meter, or other asset as appropriate.</p> <p>This is not required</p>
A0177	M		Record Identifier	NAME MDD
A0107	M		Person Type Code	* Identifies this is for an Asset Provider. MDD
A0088	O		Title	
A0089	O		Initials	
A0090	O		Surname	
A0100	X		Person Notes	
A0101	X		Access Password	
1.1.1.5.1 Address	0 to 1 (per Name)			<p>This identifies the address of the body identified in the Name data set above, where the Supplier requires the Asset Provider details, or the Meter Worker is returning pick up information for a removed asset e.g. if the Supplier or Transporter are the Gas Act Owners of a removed meter.</p>
A0177	M		Record Identifier	ADDRS MDD
A0102	M		Address Type Code	* Identifies this as for an Asset Provider. MDD
A0003	O		Address Text	
A0004	O		Sub Building Name_Number	
A0006	O		Building Name_Number	
A0007	O		Dependent Thoroughfare	
A0008	O		Thoroughfare	
A0009	O		Double Dependent Locality	
A0010	O		Dependent Locality	
A0011	O		Post Town	
A0012	O		County	
A0013	O		Post Code	
A0015	O		Grid Co-ord X	
A0016	O		Grid Co-ord Y	
A0017	O		Grid Co-ord Z	
A0018	X		Unique Property – Reference Number	

<sup>6</sup> The MAM deals with the Asset Provider so it is considered this will not generally be provided, but may be populated by commercial agreement or used to identify special cases e.g. data loggers which belong to the Transporter (where the Transporter requires the data logger and deals with its maintenance).

Data Set:	Occurs		Rules		
Attribute	Number	Option	Description	Rules	MDD
1.1.1.5.2 <b>Contact Mechanism</b>	0 to many (per Name per Transaction)				
	A0177	M	Record Identifier	CONTM	MDD
	A0049	M	Contact Mechanism Code		MDD
	A0106	M	Contact Mechanism Value		
1.2 <b>Appointment</b>	0 to 1 (for each Transaction)				
					★
					This is the Job completion date (satisfying Connection and Disconnection regulations). It is optional as it may not be required for all job types.
					Some Organisations may use both the from and to date where they require the length of the job. Where only one date/time is required (Job completion) this will be in the 'Date From', 'Time From' data items (as the From Date is the key in the data model).
					Where there is an exchange the date the exchange is completed will be entered. The date of the removal and install, if different and need to be recorded as such, can be deduced from the associated readings. If the removal and installation are more than a certain period apart then they will be notified as separate 'partial job' and then 'job complete' (see <b>Error! Reference source not found.</b> Non Standard Transaction) <sup>7</sup> – each of these transactions will have their own Job completion date.
					Mandatory (required for connections and disconnections).
					GT>
	A0177	M	Record Identifier	APPNT	MDD
	A0019	X	Appointment Qualifier Code		MDD
	A0138	M	Appointment Date From		
	A0139	O	Appointment Date To		
	A0019	X	Appointment Qualifier Code		MDD
	A040	M	Appointment Time From		
	A0141	O	Appointment Time To		
1.3 <b>Name</b>	0 to 2 (per Transaction)				
					★
					This is not required for a Job Pre-notification. For a Job notification, if the registering body and reference, or the Market Participant identifying the Meter Worker is not entered, then this must be present for the Meter Worker or Organisation.
					The Requestor must be provided where it is not the Supplier. Where the MAM is undertaking work related to the contract with the Supplier rather than a direct request e.g. Policy Work, this is considered to be a request by the Supplier.
					The Requestor is mandatory for the GT for a connection and/or disconnection of a meter and/or converter.
					GT>
	A0177	M	Record Identifier	NAME	MDD
	A0107	M	Person Type Code	Indicates whether the Name is for the Requestor, Meter Worker or their Organisation	MDD
	A0088	O	Title		
	A0089	O	Initials		
	A0090	O	Surname		
	A0100	X	Person Notes		

<sup>7</sup> Separate transactions would be required where the exchange, for operational reasons, runs over a certain period and the C&D requirement for notification of connection and disconnection within 48 hours cannot be satisfied by waiting until the job has been completed (e.g. I&C the removal may need to be notified separately to the installation – where this is predicted, the removal and installation should be separate jobs).

	A0101	X	Access Password		
<b>Data Set:</b>	<b>Occurs</b>	<b>Rules</b>			
<b>Attribute</b>	<b>Number</b>	<b>Option</b>	<b>Description</b>	<b>Rules</b>	
1.3.1 <b>Address</b>	0 to 1 (per Name per Transaction)		*	This must be present if there is no other mechanism for identifying the Meter Worker e.g. the Registration Reference and Market Participant data set describing the Meter Worker are not present.	
	A0177	M	Record Identifier	ADDRS	MDD
	A0102	M	Address Type Code	* Identifies that the address is for the Meter Worker or their Organisation.	MDD
	A0003	O	Address Text		
	A0004	O	Sub Building Name_Number		
	A0006	O	Building Name_Number		
	A0007	O	Dependent Thoroughfare		
	A0008	O	Thoroughfare		
	A0009	O	Double Dependent Locality		
	A0010	O	Dependent Locality		
	A0011	O	Post Town		
	A0012	O	County		
	A0013	O	Post Code		
	A0015	O	Grid Co-ord X		
	A0016	O	Grid Co-ord Y		
	A0017	O	Grid Co-ord Z		
	A0018	X	Unique Property – Reference Number		
1.3.2 <b>Contact Mechanism</b>	0 to many (per Name per Transaction)		*	This is the contact number of the Meter Worker or Organisation. It must be present if it cannot be deduced from the registration body/reference or Market Participant.	
	A0177	M	Record Identifier	CONTM	MDD
	A0049	M	Contact Mechanism Code		MDD
	A0106	M	Contact Mechanism Value		
1.4 <b>Market Participant</b>	0 to 1 (per Transaction)		*	For a Job Notification this is required if the Meter Worker can not be deduced from other information e.g. Name and Address data sets of the registration reference.	
	A0177	M	Record Identifier	MKPRT	MDD
	A0126	M	Role Code	* This indicates the code is for the Meter Worker or their Organisation.	MDD
	A0064	M	Market Participant Abbreviated Name	* Where the work done was done by Transco's Emergency service MAM they will be shown.	MDD

## 6.6 Response Files (for development – some may not be required for iGTs)

### Cross Reference to Physical Data Flows

Type	Physical Data Flows	Old MAM	New MAM	Supplier	Shipper	GT	GAO
RRJOB	• Response Request for Job		From	To			
RNJOB	• Response Notify Metering Job Details		To	From/To	To/From	From	
RRQUO	• Response Request for a Metering Quote		From	To			
RNQUO	• Response Notify Metering Quote		To	From			
RNAGE	• Response Notify Agent Change	6S	From		To		
		6Q	To	From From	To		
RRDET	• Response Request Metering Detail		From	To			
RNDET	• Response Transfer of Metering Detail		To	From			
RNUPD	• Response Update (depending on who the original updates flow were between)	To	To From From	From To To	From To From To	From To	
			To				From
		To	From				

It is not anticipated that MDD notifications or refreshes will require a response.

## Transaction Format

Data Set:	Occurs		Rules		
Attribute	Number	Option	Description	Rules	MDD
1 <b>Response Transaction</b>	1 (per File)		*	This is provided in response to all transactions where the file level checks were successful. The exception is MDD records which do not require a response.	
	A0177	M	Record Identifier	* REJFL if the file has been rejected, otherwise RESPN.	MDD
	A0186	C	File Identifier	* This must be present where the file is being rejected.	
	A0184	C	Created Date	* This must be present where the file is being rejected.	
	A0185	C	Created Time	* This must be present where the file is being rejected.	
1.1 <b>Reason</b>	0 to many (per Response Transaction)		*	This must be provided where the Response Transaction Record Identifier is REJFL.	
	A0177	M	Record Identifier	* REJRS	MDD
	A0173	O	Attribute Number		
	A0190	M	Response Code		MDD
	A0192	O	Response Notes		
1.2 <b>Transaction Outcome</b>	0 to many (per Response Transaction)		*	This is provided where there is a response at the record and/or data item level.	
	A0177	M	Record Identifier	* TROUT	MDD
	A0197	M	Response Type Code		MDD
	A0193	M	Outcome Code		MDD
	A0072	M	Meter Point Reference Number		
	A0055	M	Transaction Reference		
	A0144	O	Transaction Type Code		
	A0142	O	Transaction Status Code		
1.2.1 <b>Reason</b>	0 to many (per Transaction Response)		*		
	A0177	M	Record Identifier	* REJRS	MDD
	A0173	O	Attribute Number	This may be included where a data item can be identified as part of the source of the exception.	
	A0190	M	Response Code		MDD
	A0192	O	Response Notes		
1.2.2 <b>Erroneous Record</b>	0 to many (per Transaction Response)		*	This is provided where there is a rejection at the data item level. It would not be provided for a transaction which errored at the transaction level. This data set or the 1.2.1 must be present if the outcome code indicated there was a rejection in the transaction.	
This contains the record in error					

1.2.2.1 Reason	1 to many (per Erroneous Record)					
	A0177	M	Record Identifier	*	REJRS	MDD
	A0173	M	Attribute Number		If the attribute cannot be identified, the rejection will be reported at the record level (1.2.1).	
	A0190	M	Response Code			MDD
	A0192	O	Response Notes			

## Minimal Examples

e.g. A request for a job has been rejected as it does not come under the contract terms:

1	Response	A0177 – Record Identifier
1.2	Transaction Outcome	A0177 – Record Identifier A0197 – Response Type code (RRJOB) A0193 – Outcome Code e.g. REJCT A0072 – Meter Point Reference A0055 – Transaction Reference
1.2.1	Reason	A0177 – Record Identifier A0190 – Response Code

e.g. A file is corrupt:

1	Response	A0177 – Record Identifier A0186 – File Id A0184 – Created Date A0185 – Created Time
1.1	Reason	A0177 – Record Identifier A0190 – Response Code

e.g. a response to a request for an appointment (6Q):

1	Response	A0177 – Record Identifier
1.2	Transaction Outcome	A0177 – Record Identifier A0197 – Response Type code (RRAGE) A0193 – Outcome Code e.g. ACCPT A0072 – Meter Point Reference A0055 – Transaction Reference

e.g. a response to a request for a de-appointment (6S):

1	Response	A0177 – Record Identifier
1.2	Transaction Outcome	A0177 – Record Identifier A0197 – Response Type code (RRAGE) A0193 – Outcome Code e.g. ACCPT A0072 – Meter Point Reference A0055 – Transaction Reference

## 6.7 File Format Values and Rejection Codes

### PSR1 Issue Codes

<u>Value</u>	<u>Description</u>
PSR101	Initial Issue

### PSR2 Rejection Codes

<u>Value</u>	<u>Description</u>
PSR201	No Contract
PSR202	Missing Data
PSR203	Configuration Mismatch
PSR204	Duplicate PSR/Contract Reference
PSR205	Issue number out of sequence
PSR206	Invalid Issue Reason
PSR207	Incorrect MAM ID

### PSR3 Issue Codes

<u>Value</u>	<u>Description</u>
PSR301	Plot Addition
PSR302	Plot Deletion
PSR303	MPRN & Plot Details