



IGT-Shipper Operational Metering Communications Document

Tracy Goymer
5/28/2012

Document Control

Configuration				
Version	Date	Author	Reason for Issue/Summary of Change.	Status
0.1	09/11/2011	Tracy Goymer		
0.2	17/11/2011	Tracy Goymer	Further to Meeting held on 16 th Nov, agreed amendments by the group.	
0.3	03/01/2012	Tracy Goymer	File format for K08 moved to correct section. Wording amended on K08.	
0.4	18/01/2012	Tracy Goymer	Amendments made to the order of headers on each flow and comments highlighted where clarification is still required.	
0.5	03/2/2012	Tracy Goymer	Amendments made to schematics, text and formats for each flow as a result of meeting held on 19 th January 2012.	
0.6	15/03/2012	Tracy Goymer	All copyrights removed from Schematics.	
0.7	20/03/2012	Tracy Goymer	Amendments made following 19 th March Meeting	
0.8	16/04/2012	Tracy Goymer	Amendments following comments received.	
09	23/04/2012	Tracy Goymer		
10	03/05/2012	Tracy Goymer	<u>Amendment to 2.3.1 and 2.8.5 and additional code added to S72 rejection codes</u>	
11	28/05/2012	Tracy Goymer	<u>Added PEMs scenario's</u>	

Contents

1.1	Background	5
1.2	Headers & Trailers.....	5
1.2.1	Example Standard Header for MAM and MAS Files	5
1.3	General File Record Validation	7
1.4	File Naming Convention	10
2.1	Introduction	11
2.2	Process Flows	11
2.3	MAM File Specifications.....	12
2.3.1	K08 Record Definition	12
2.3.2	MAM File Format	14
2.3.3	Minimum MAM File Example	14
2.3.4	Complete MAM File Example.....	14
2.3.5	MAM File Validation & Rules	14
2.4	MAS File Specifications	16
2.4.1	K09 Record Definition	16
2.4.2	K09 Record Format	18
2.4.3	K08 Accepted Minimum File Example	18
2.4.6	K09 Validation and Rules	18
2.5	S72 Record Specification.....	18
2.5.1	S72 Definition.....	18
2.5.2	S72 File Format	19
2.5.3	S72 File Validation and Rules	19
2.6	.JOB Specification.....	19
2.6.1	.JOB Definition	20
2.6.2	.JOB File Format	20
2.6.3	.JOB Minimum Example	20
2.6.4	Complete .JOB File Example.....	21
2.6.5	.JOB File Validation & Rules	21
2.7.1	.JRS File Definition.....	22
2.7.2	.JRS File Format	22
2.7.7	.JRS File Validation & Rules	23
2.8	.UPD Specifications	24
3.	Post Emergency Maintenance Procedures.	28

3.1	3rd Party Meter (Known by IGT)	28
3.2	3 rd Party Meter (not known by IGT)	29
	Appendix 1	30
	MAM and MAS S72 Rejection Codes	30
	Appendix 2	32
	.JOB, .JRS, .UPR and .UPD Rejection Codes.....	32

Part One – Introduction

1.1 Background

The increase in supplier third party metering activity on IGT networks necessitates the implementation of agreed data exchange processes and file formats. The processes and file formats will apply to the following:

- Notification to the IGT of the ceased responsibility of the meter.
- MAM id notification to the IGT.
- Updated meter asset notifications from the shipper to the IGT.

The data exchange processes and file formats will be used for relevant domestic and industrial and commercial meters, unless otherwise agreed bilaterally.

For the avoidance of doubt, the communication included within this document is in relation to Shipper third party metering notifications only.

1.2 Headers & Trailers

Each file must contain a single header record at the start of the file and a single Trailer record at the end. A file will typically contain a number of relevant other transactions and records within these but may not contain any other records. The headers are different therefore please see example headers provided for each flow.

1.2.1 Example Standard Header for MAM and MAS Files

"A00",10001399,"MAM",20050222,123518,46

TRANSACTION_TYPE	M	T	3	0	A code identifying the type of request that this record represents. VALUE : A00
ORGANISATION_ID	M	N	10	0	An reference which uniquely identifies a System User / Organisation.
FILE_TYPE	M	T	3	0	An application specific code used to identify the structure and the usage of the file.
CREATION_DATE	M	D	8	0	The date on which the file was generated. FORMAT : YYYYMMDD
CREATION_TIME	M	M	6	0	The time at which the file was generated (within the Creation Date) FORMAT : HHMMSS
GENERATION_NUMBER	M	N	6	0	A sequence number which represents an issue of a file from the System User (indicated by the organisation id), and, of the file type (indicated by file type) e.g. The first Nominations file from an System User will have the number 1, the second, number 2 etc. Each file sent either from a System User to IGT or from IGT to a System User within one file type must have consecutive numbers.

1.2.2 Example Standard Trailer for MAM and MAS Files

"Z99",1

Frequency: 1 per file.					
RECORD/FIELD NAME	OPT	DOM	LNG	DEC	DESCRIPTION
TRANSACTION_TYPE	M	T	3	0	DEF:A code identifying the type of information that this record contains. VALUE:Z99
RECORD_COUNT	M	N	10	0	DEF:The number of detail records contained within the file. This should not include the standard header and the standard trailer but should include any file specific headers if specified for this file ie: only A00 and Z99 records excluded.

1.2.3 Example RGMA Standard Header for .JOB, .UPD, .JRS and .UPR Files

"HEADR","ONJOB","LEP","SHIP","IPL","GT","20110706","181956","PN123456","PRDCT","13","1"

A0177	M	Record Identifier	HEADR	MDD
A0179	M	File Type Code		MDD
A0180	M	Originator Id		MDD
A0181	M	Originator Role		MDD
A0182	M	Recipient Id		MDD
A0183	M	Recipient Role		MDD
A0184	M	Created Date		
A0185	M	Created Time		
A0186	M	File Identifier		
A0187	M	File Usage Code		MDD
A0188	M	Record Count		
A0189	M	Transaction Count		

All A series references relate to the Baseline document.

1.2.4 RGMA Standard Trailer for .JOB, .UPD, .JRS and .UPR Files

A0177	M	Record Identifier	TRAIL	MDD
"TRAIL"				

1.3 General File Record Validation

The information supplied within the Header identifies the originator and the recipient of the file. It also provides information surrounding the file content and the number of records contained within each file.

Only one file type can be submitted within a file, but many transactions can be sent within that file. The makeup of each file is, therefore:

1.3.1 File Specification

1 Header
0 to many Transaction (of the same file type)
1 Trailer

1.3.2 File Padding

The files are not generally required to be padded, with the exception of the following fields:

- Where a meter has 5 dials and the reading is only 4 digits, it must be padded with a leading Zero, e.g. "02234"
- The sequence/generation number length must be 6 characters, therefore 1 would be 000001

1.3.3 Transaction and Record Counts

The transaction and record counts should not include the header and trailer.

1.3.4 ASCII Characters

The following table provides the valid ASCII character set for use in files.

Letters, upper case	A to Z
Letters, lower case	a to z
Numerals	0 to 9
Space character	
Full stop	.
Hyphen / minus sign	-
Opening parenthesis	(
Closing parenthesis)
Oblique stroke / slash	/
Apostrophe	'
Plus sign	+
Colon	:
Equals sign	=
Question mark	?
Exclamation mark	!
Quotation mark	"
Percentage sign	%
Ampersand	&
Asterisk	*
Semi-colon	;
Less-than sign	<
Greater-than sign	>
Underscore	_

With regards to Line Feeds and Carriage Returns each recipient must be able to deal with an incoming file in either UNIX or DOS format.

“Email Validation

Email Naming Convention.

There is no set email naming convention.

Maximum File Size

There is no maximum file size, this is organisation specific.

Maximum Number of Attachments

There is no maximum number of attachments, but no mixing of file attachments is permitted.

1.3.5 File Numbering

All file numbering will be sequential, but does not need to run consecutively.

1.3.6 MAM and MAS File Structure Validation

If the MAM or MAS file fails validation it will be rejected on an FRJ File.

1.3.7 Sensitive Personal Data

Sensitive personal data should not be included in these files. Other mechanisms are in place.

1.4 File Naming Convention

File naming should be as follows:

Full File Name: CCCNN.CC>NNNNNN.CCC	
Description	Code
The MDD Short Code of the organisation sending the file (Text 3 characters long) The “Environment” should be “02” Full Stop to divide the environment and the file type Text to denote file type – “P” = Production/”T” = Test *Text to denote processing “C” = Critical/”N” = Normal The “Generation Number” Full Stop to divide the file generation number and file type The “File Type”	CCC NN . C C NNNNNN . CCC

*The expectation would be that the files would be sent with “N”

Part Two- Communication

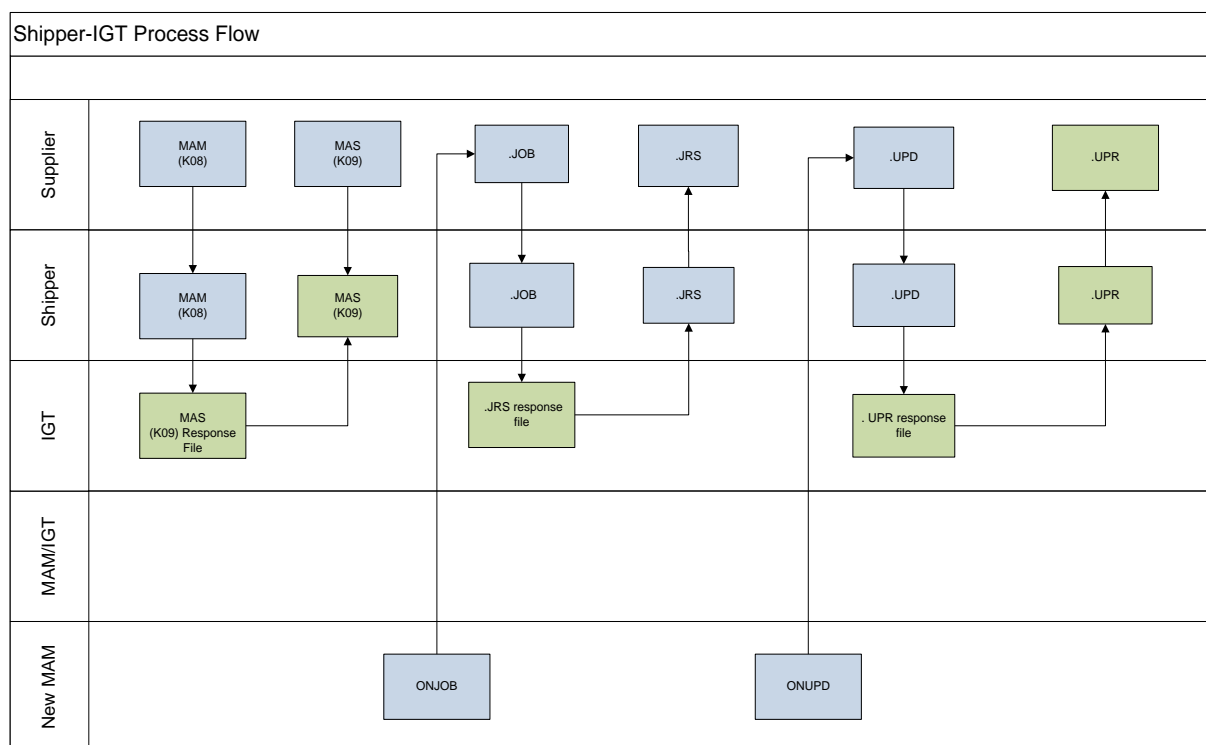
2.1 Introduction

The K08 will be the notification from the Shipper to the IGT of the appointment of the new MAM and, therefore, ceased responsibility of iGT for metering.

The ONAGE flow is not relevant during this process flow as this process outlines the communication between the Shipper and the IGT.

The timescales of all flows will be in line with those dictated in the IGT UNC.

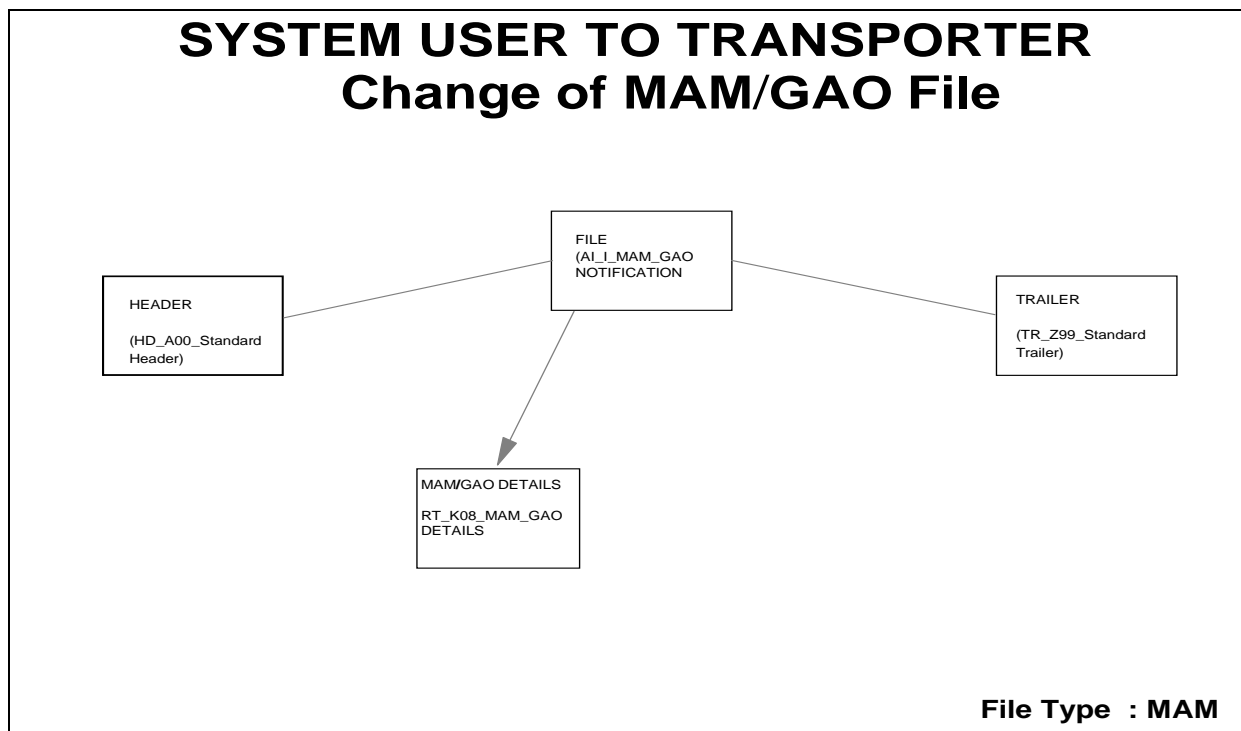
2.2 Process Flows



There is no implied sequence in this diagram.

In order to complete the process a K08 and a .UPD or .JOB will need to be received from the Shipper to the IGT.

2.3 MAM File Specifications



2.3.1 K08 Record Definition

The K08 record will be sent from the Shipper to the IGT and will be accepted as the notification of the IGT's ceased responsibility of the metering, identification of the new MAM, Gas Act Owner and MAM ID and will be used by the IGT to update systems.

It is recognised within this document that, in order to complete the process, a shipper organisation should send to the iGT a K08 plus a .JOB or a .UPD file. The exceptions to this would be where the shipper is informing of a change of third party MAM or on change of supply where the new shipper is advising of the MAM ID which identifies the third party MAM which they have appointed to provide metering services at the meter point.

RT_K08_ MAM_GAO_DETAILS

<u>RECORD/FIELD NAME</u>	<u>OPT</u>	<u>DOM</u>	<u>LNG</u>	<u>DEC</u>	<u>DESCRIPTION</u>
TRANSACTION_TYPE	M	T	3	0	DEFINITION: A code identifying the type of request that this record represents. VALUE: K08
METER_POINT_REFERENCE	M	N	10	0	DEFINITION: A unique identifier for the point at which a meter is, has been or will be connected to the gas network. These references are less volatile than meter or service identifiers and do not change if the meter is replaced or the service is relayed to the same position. New Meter Point References will only be created for new services or when a service is relayed to a different position. CONTEXT: A Meter Point (Daily or Non-Daily Metered) which is part of the Supply Point covered by the Confirmation reference provided.
MAM_ABBREVIATED_NAME	M	T	12	0	DEFINITION: A unique identifier to describe the meter asset manager. When there is a MAM but it is unknown then the value that should be forwarded for recording should be UNKNOWN.
MAM_EFFECTIVE_DATE	M	D	8	0	DEFINITION: The date on which Meter Asset Manager is effectively responsible for the meter assets at the meter point. FORMAT : YYYYMMDD
GAS_ACT_METER_OWNERSHIP_TYPE	O	T	1	0	DEFINITION: Indicating Gas Act Owner of the Asset Allowable values :- T - Transporter S - Supplier C - Consumer

2.3.2 MAM File Format

2.3.3 Minimum MAM File Example

"A00",10001399,"MAM",20110713,135959, 000001

"K08",1234567890,"MFE",20110713,""

"Z99""1"

2.3.4 Complete MAM File Example

"A00",10001399,"MAM",20110713,135959, 000001

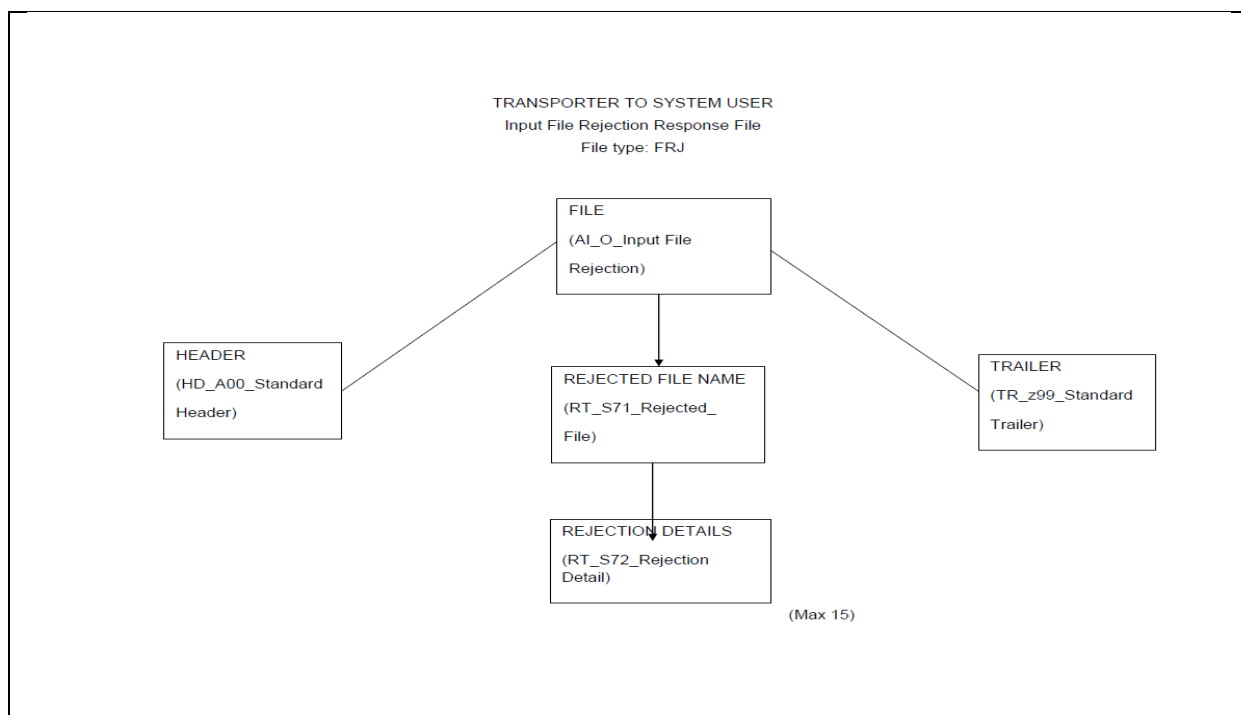
"K08",1234567890,"MFE",20110713,"S"

"Z99""1"

2.3.5 MAM File Validation & Rules

MAM effective date can be retrospective or in the future subject to the Shipper remaining the registered system user on the effective date. The IGT ceased responsibility will be assumed as being the date of the accepted K08 or future date, whichever is the latter.

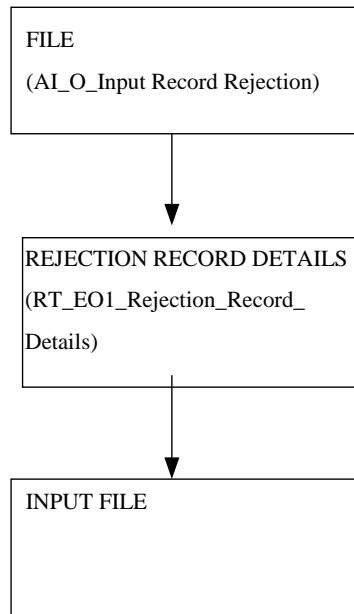
.FRJ_ File level rejection if the MAM File fails validation-This will be accompanied by a S72



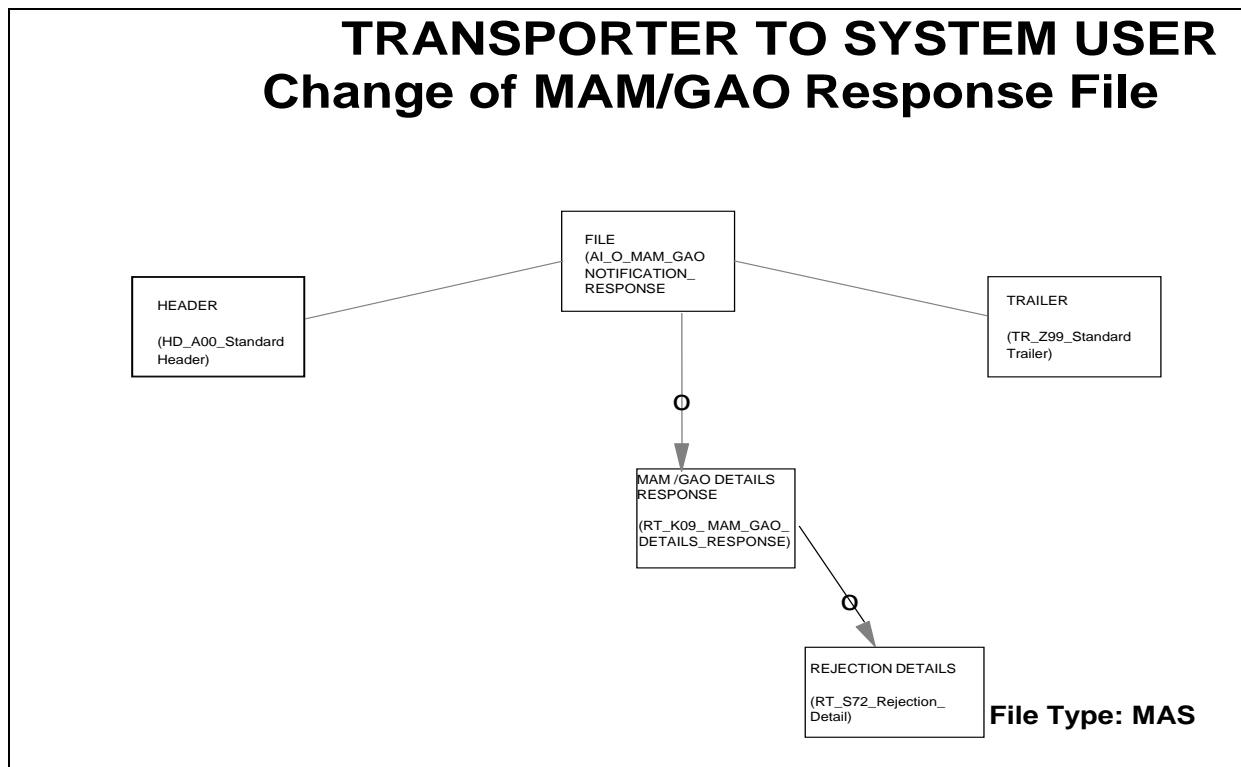
The MAM ID should be as appears in MDD.

.ERR_Record level rejection if Record fails validation

TRANSPORTER TO SYSTEM USER Input Record Rejection Response File



2.4 MAS File Specifications



2.4.1K09 Record Definition

The K09 will be sent from the IGT to the Shipper. It is the response file to the K08 and will either be an acceptance of the K08 or a rejection. If this is a rejection response, the K09 will be supported by either a .FRJ if file level rejection, an .ERR if there is a record level rejection or an S72 record, where a single row is rejected at record level, the S72 will contain a rejection code.

See 2.5.1 for S72 definition.

RT_K09_ MAM_GAO_DETAILS_RESPONSE

<u>RECORD/FIELD NAME</u>	<u>OPT</u>	<u>DOM</u>	<u>LNG</u>	<u>DEC</u>	<u>DESCRIPTION</u>
TRANSACTION_TYPE	M	T	3	0	DEFINITION: A code identifying the type of request that this record represents. VALUE: K09
OUTCOME_CODE	M	T	2	0	Details whether the request has been accepted or rejected by Transco. ALLOWABLE VALUES: AC – Accepted RJ – Rejected
METER_POINT_REFERENCE	M	N	10	0	DEFINITION: An unique identifier for the point at which a meter is, has been or will be connected to the gas network. These references are less volatile than meter or service identifiers and do not change if the meter is replaced or the service is relayed to the same position. New Meter Point References will only be created for new services or when a service is relayed to a different position. CONTEXT: A Meter Point (Daily or Non-Daily Metered) which is part of the Supply Point covered by the Confirmation reference provided.
MAM_ NAME	M	T	12	0	DEFINITION: An unique identifier to describe the meter asset manager.
MAM_EFFECTIVE_DATE	M	D	8	0	DEFINITION: The date on which Meter Asset Manager is effectively responsible for the meter assets at the meter point. FORMAT : YYYYMMDD
GAS_ACT_METER_OWNERSHIP_ _TYPE	O	T	1	0	DEFINITION: Indicating Gas Act Owner of the Asset Allowable values :- T - Transporter S - Supplier C - Consumer

2.4.2K09 Record Format

2.4.3K08 Accepted Minimum File Example

"A00",10001399,"MAS",20110713,135959, 000001

"K09","AC",1234567890,"MFE",20110713,""

"S72","MET00564"

"Z99",1

2.4.4K08 Rejected Minimum File Example

"A00",10001399,"MAS",20110713,135959, 000001

"K09","RJ",1234567890,"MFE",20110713,""

"S72","MET00564"

"Z99",2"

2.4.5K08 Rejected Maximum file Example

"A00",10001399,"MAS",20110713,135959, 000001

"K09","RJ",1234567890,"MFE",20110713,"S"

"S72","MET00564"

"Z99",2

2.4.6K09 Validation and Rules

Where the K09 signifies a rejection, it will be supported by a S72.

2.5 S72 Record Specification

See 2.4 as the S72 file forms part of the K09 Schematic.

2.5.1 S72 Definition

The S72 will be sent to the Shipper from IGT and is the rejection record that accompanies the K09.

2.5.2 S72 File Format

RT_S72_REJECTION_DETAIL

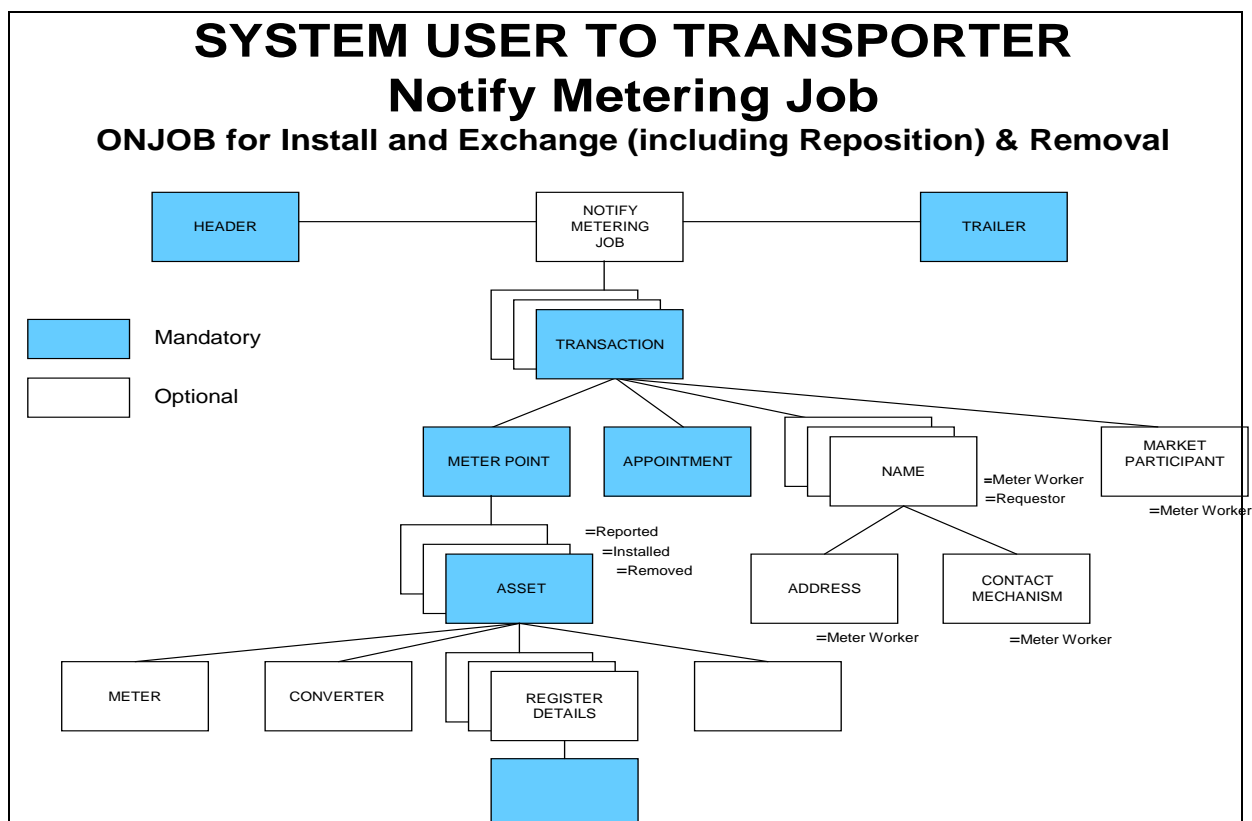
(Reasons for the rejection of the Request)

RECORD/FIELD NAME	OPT	DOM	LNG	DEC	DESCRIPTION
TRANSACTION_TYPE	M	T	3	0	A code identifying the type of request that this record represents. VALUE : S72
REJECTION_REASON	M	T	8	0	A reason for the rejection of the original input request.

2.5.3 S72 File Validation and Rules

Where the K08 record is rejected, the K09 record will be supported by an S72.

2.6 .JOB Specification



2.6.1 .JOB Definition

The .JOB file will be sent from the Shipper to the IGT to update them of installs, exchanges and removals.

The .JOB will only be used for third party metering notifications.

2.6.2 .JOB File Format

For the .JOB file format, please refer to the RGMA Baseline.

2.6.3 .JOB Minimum Example

```
"HEADR","ONJOB","LEP","SHIP","IPL","GT",20041208,"220819","PN00019","PRDCT",recs,flows
"TRANS","POLIC1234567890","","","EXCHG","","","","","","","20110531","OAMI","196000",,
"MTPNT","",1234567890,"F","","","","",",,
"ASSET","UPDTE","REMVE","METER","","","U6 R5","GW",1998,"E1234567890S","","","RE"
"METER","UPDTE","S","","","","T",,
"REGST","UPDTE","METER",4,"SCFH",1.000
"READG",20110706,,9836"
"ASSET","","INSTL","METER","","","G4","ITR",2011,"G4A1234567890","32","","LI"
"METER","","S","",6.0000,"","",20110706,"S",,
"REGST","","METER",5,"SCMH",1.000
"READG",20110706,,00000"
"APPNT","",20110706,,,"121801",""
"TRAIL"
```

2.6.4 Complete .JOB File Example

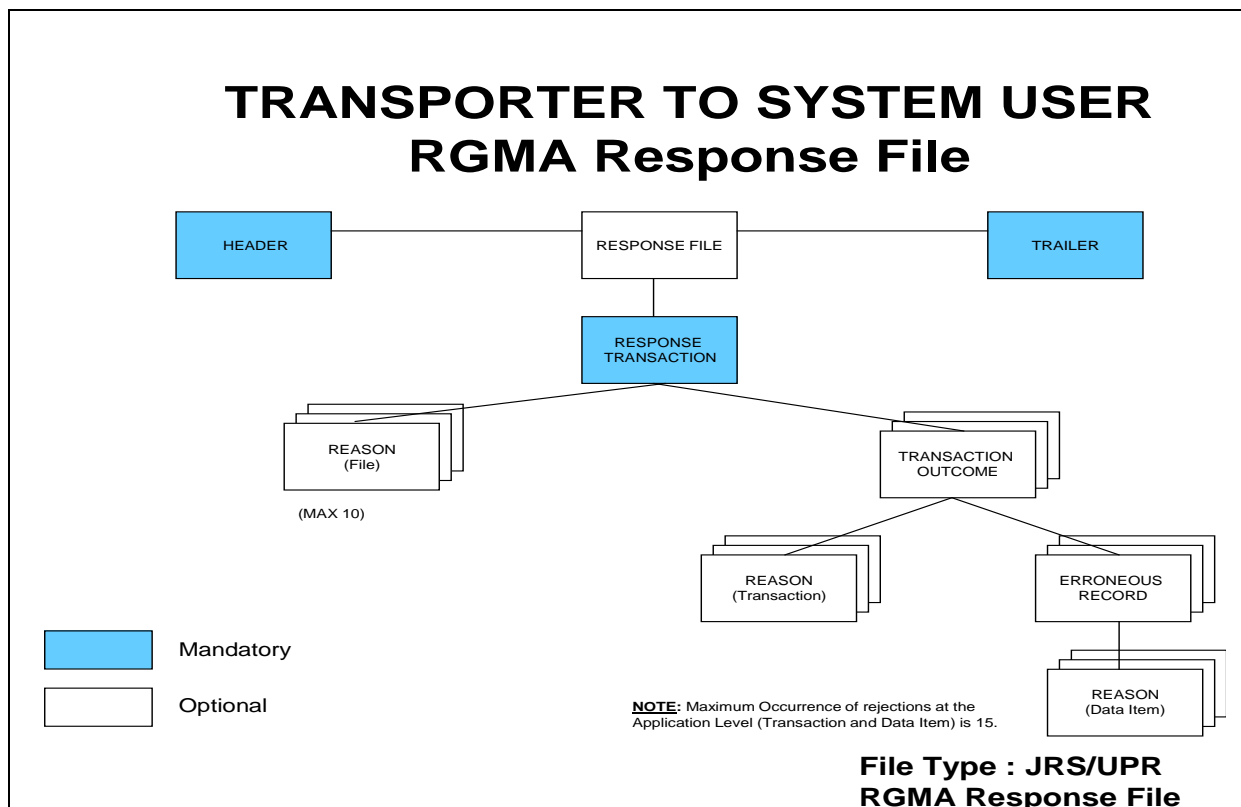
```
"HEADR","ONJOB","LEP","SHIP","IPL","GT",20040805,"221935","PN000014","PRDCT",recs,flows
"TRANS","POLIC1234567890","Additional Info:Policy meter exchanged - C R to
CR.,"EDF01","EXCHG","POLIC","JOB123456","JOB123456","COMLT","20110706","D",,"OAMI","A196066",,
"MTPNT","UPDTE",4199201903,"F",,"","00","IN SUB BUILDING","FRONT GATE ACCESS CODE
13456",1.022640,20110706,
"ASSET","UPDTE","REMVE","METER","C425","CR","U6","ACT",1998,"6519608S","00","IN SUB BUILDING","RE"
"METER","UPDTE","S","CR",,"","I",20110706,"T",,
"CONVE","UPDTE","TPD",1.000
"REGST","UPDTE","METER",4,"SCFH",1.000
"READG",20110706,1,"9836"
"ASSET",,"","INSTL","METER",,"","CR","G4","ITR",2011,"G4A00564961101","00","IN SUB BUILDING","LI"
"METER","UPDTE","S","CR",6.0000,"","",20110706,"T",,
"CONVE","UPDTE","TPD",1.000
"REGST",,"","METER",5,"SCMH",1.000
"READG",20110706,,"00000"
"APPNT",,"",20110706,20110706,"","121801","122300"
"TRAIL"
```

2.6.5 .JOB File Validation & Rules

The IGT may receive a .JOB before the K08 or vice versa. If the K08 is received first, the iGT may continue to charge metering until the .JOB is received.

The .JOB will only be used where the work has been carried out by a third party MAM.

2.7 .JRS File Specifications



2.7.1 .JRS File Definition

The .JRS file will be sent to the Shipper from the IGT and is the response file to the .JOB.

2.7.2 .JRS File Format

Please refer to the RGMA Baseline for response file datasets, specifically the RNJOB. The RNJOB file within the RGMA Baseline shares the same format as the .JRS UK Link file. However the file extension should remain as .JRS.

2.7.3 .JOB File is Accepted Minimum .JRS File Example

```
"HEADR","RESPN","LEP","SHIP","IPL","GT",20040805,"221922","PN000014","PRDCT",recs,flows
"RESPN","",""
"TROUT","RNJOB","ACCP",1234567890,"ACPT12345678901","",""
"TRAIL"
```

2.7.4 .JOB file Accepted Complete .JRS File Example

```
"HEADR","RESPN","IPL","GT","LEP","SHIP",20040805,"231856","PN000012","PRDCT",2,1  
"RESPN","PN000031",20040714,"140141"  
"TROUT","RNJOB","ACCP",1234567890,"ACPT12345678901","EXCHG",""  
"TRAIL"
```

2.7.5 .JOB file is Rejected Minimum .JRS File Example

```
"HEADR","RESPN","IPL","GT","LEP","SHIP",20040805,"231856","PN000012","PRDCT",2,1  
"RESPN","PN123456",20110713,"170629"  
"TROUT","RNJOB","REJCT",1234567890,"REJECT123456789","",""  
"ASSET","","INSTL","METER","","PP","METUG","GW",1998,"L123456789M","32","","LI"  
"REJRS","","05100",""  
"TRAIL"
```

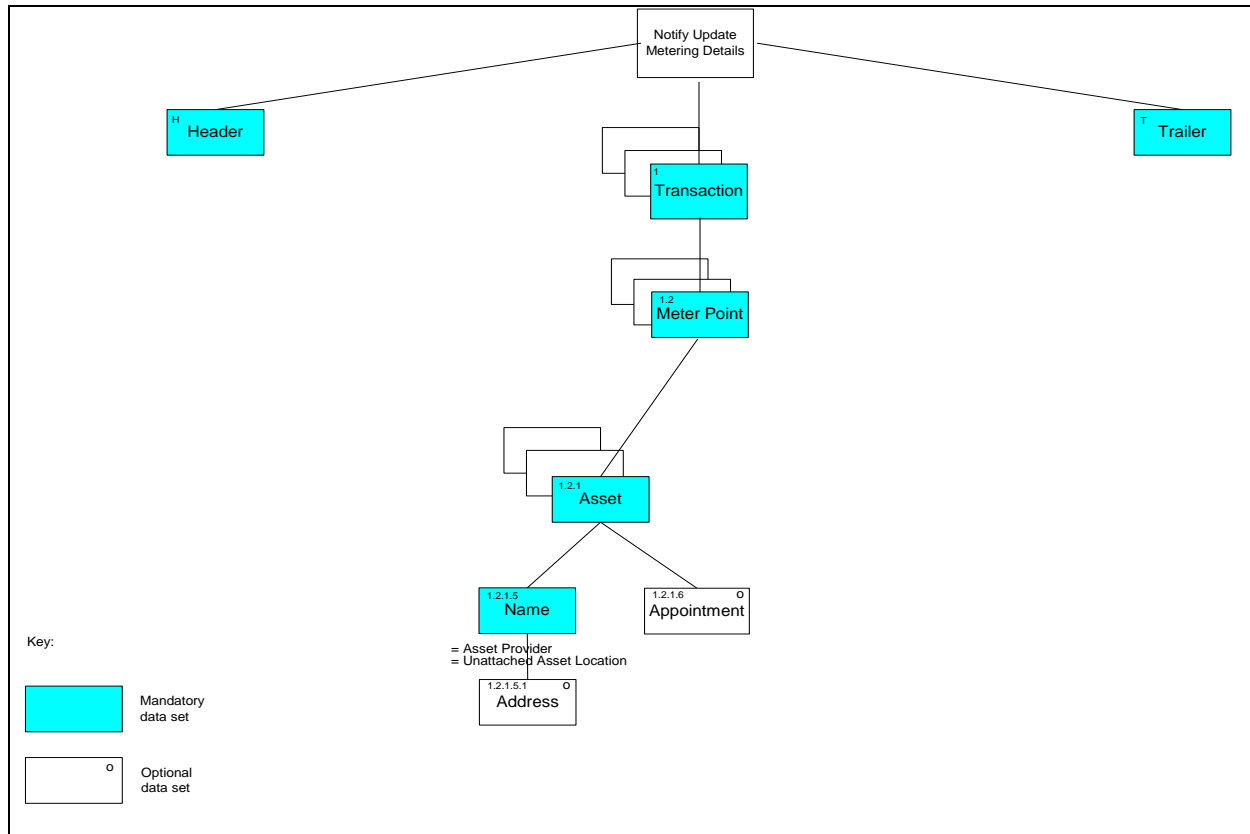
2.7.6 .JOB File is Rejected Complete .JRS File Example

```
"HEADR","RESPN","IPL","GT","LEP","SHIP",20040805,"231856","PN000012","PRDCT",2,1  
"RESPN","PN123456",20110713,"170629"  
"TROUT","RNJOB","REJCT",1234567890,"REJECT123456789","INSTL",""  
"ASSET","","INSTL","METER","","PP","METUG","GW",1998,"L123456789M","32","","LI"  
"REJRS","A0024","05100","Meter already fitted to the Meter Point"  
"TRAIL"
```

2.7.7 .JRS File Validation & Rules

.JRS Response Format must be used for all responses i.e file rejection, record rejection, record acceptance.

2.8 .UPD Specifications



2.8.1 .UPD Definition

The .UPD will be sent from the Shipper to the IGT. The .UPD flow notifies the IGT of an Update of the metering asset data at the supply point. Please refer to RGMA Baseline for Dataset RNUPD

2.8.2 .UPD File Format

2.8.3 .UPD Minimum Example

```
"HEADR","ONUPD","LEP","SUP","GPL","MAM",20110706,"180804","PN123456","PRDCT",5,1
"TRANS","5584843","","","UPDTE","","","","","","","",""
"MTPNT","","1234567890","","","","",""
"ASSET","","UPDTE","METER","","","","","L1059937975M","",""
"METER","","","","",""
"REGST","UPDTE","","5,"
"TRAIL"
```


2.8.4 Complete .UPD File Example

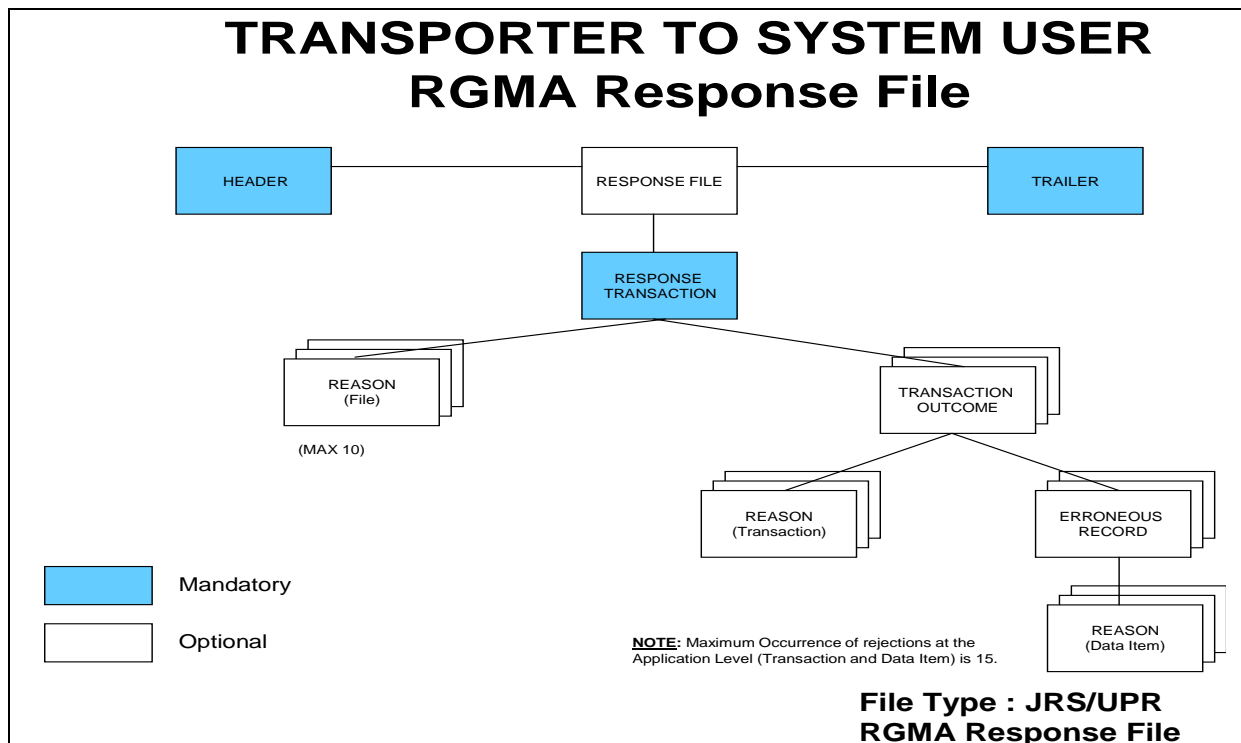
"HEADR","ONUPD","LEP","SHIP","IPL","GT",20110706,"180804","PN123456","PRDCT",15,1
"TRANS","5585795","COLLECT METER AT 11 EUSTON ROAD SE15
7JT","","UPDTE","APPNT","JOB123456789012","JOB123456789012","","","D","","",,
"ADDRS","MTRPT","BUILDING CONCEALED BEHIND OFFICE","FLAT 1","123","BACK MILTON ROAD","MILTON
ROAD","MILBANK","WESTMINSTER","HOVE","EAST SUSSEX","BN14 8NL",515422,104541,000000,
"NAME","KEYH","MR","J","BLOGGS","DOG AT PREMISIS","PASSWORD1"
"CONTM","TEL","0200 100 999"
"MTPNT","UPDTE",1234567890,"F","LI","00","ONE OF THE WALLS OUTSIDE IN WHITE BOX","FRONT BARRIER
CODE 1223",1.022640,20110531,
"ADDRS","MTRPT","BUILDING CONCEALED BEHIND OFFICE","FLAT 1","123","BACK MILTON ROAD","MILTON
ROAD","MILBANK","WESTMINSTER","HOVE","EAST SUSSEX","BN14 8NL",515422,104541,000000,
"ASSET","UPDTE","UPDTE","METER","2700","CR","200/100","PCC",1998,"G4AK1234567890","00","ONE OF
THE WALLS OUTSIDE IN WHITE BOX","LI"
"METER","UPDTE","S","CR",6.000,"","I","S",20110531,0.1
"CONVE","UPDTE","PT",0.000000
"REGST","UPDTE","METER",5,"SCFH",0.01
"READG",20110531,00,"12345"
"MKPRT","MAP","GTM"
"NAME","KEYH","MR","J","BLOGGS",
"ADDRS","MTRPT","BUILDING CONCEALED BEHIND OFFICE","FLAT 16A","1","TOP NORTHBROOK
ROAD","NORTHBROOK ROAD","MILBANK","WESTMINSTER","HOVE","EAST SUSSEX","BN14
8NL",515422,104541,000000,
"CONTM","TEL","0200200100"
"TRAIL"

2.8.5 .UPD Validation & Rules

The .UPD flow can be sent as an Update of Meter Details or as a Report. Where a .UPD Report is sent the IGT will not update the details.

.UPD is only valid for IGT sites where a meter not owned or provided by the IGT is present.

2.9 .UPR Specification



2.9.1 .UPR Definition

The .UPR will be sent from the IGT to the Shipper and is the response file to the .UPD.

2.9.2 .UPR File Format

2.9.3. UPD File is Accepted Minimum .UPR File Example

```
"HEADR","RESPN","IPL","GT","LEP","SHIP",20110713,"165959","PN123456","PRDCT",2,1
"RESPN","",""
"TROUT","RNUPD","ACCP",1234567890,"3375","",""
"TRAIL"
```

2.9.4 .UPDAccepted Complete .UPR File Example

```
"HEADR","RESPN","IPL","GT","LEP","SHIP",20110713,"165959","PN123456","PRDCT",2,1
"RESPN","PN000018",20040806,"080617"
"TROUT","RNUPD","ACCPT",48824000,"3375","APPNT",""
"TRAIL"
```

2.9.5 .UPD File is Rejected Minimum .UPR File Example

```
"HEADR","RESPN","IPL","GT","LEP","SHIP",20110713,"165959","PN123456","PRDCT",4,1
"RESPN","PN000018",20040806,"080617"
"TROUT","RNUPD","REJCT",1234567890," REJECT123456789","",""
"ASSET","UPDTE","UPDTE","METER","","","U6","OOP",1900,"L123456789M","32","UNKNOWN","LI"
"REJRS","","","02108",""
"TRAIL"
```

2.9.6 .UPD File is Rejected Complete .UPR File Example

```
"HEADR","RESPN","IPL","GT","LEP","SHIP",20110713,"165959","PN123456","PRDCT",4,1
"RESPN","PN000018",20040806,"080617"
"TROUT","RNUPD","REJCT",1234567890," REJECT1234567890","UPDTE",""
"ASSET","UPDTE","UPDTE","METER","","","U6","OOP",1900,"L123456789M","32","UNKNOWN","LI"
"REJRS","A0060","02108"," Value not Recognised"
"TRAIL"
```

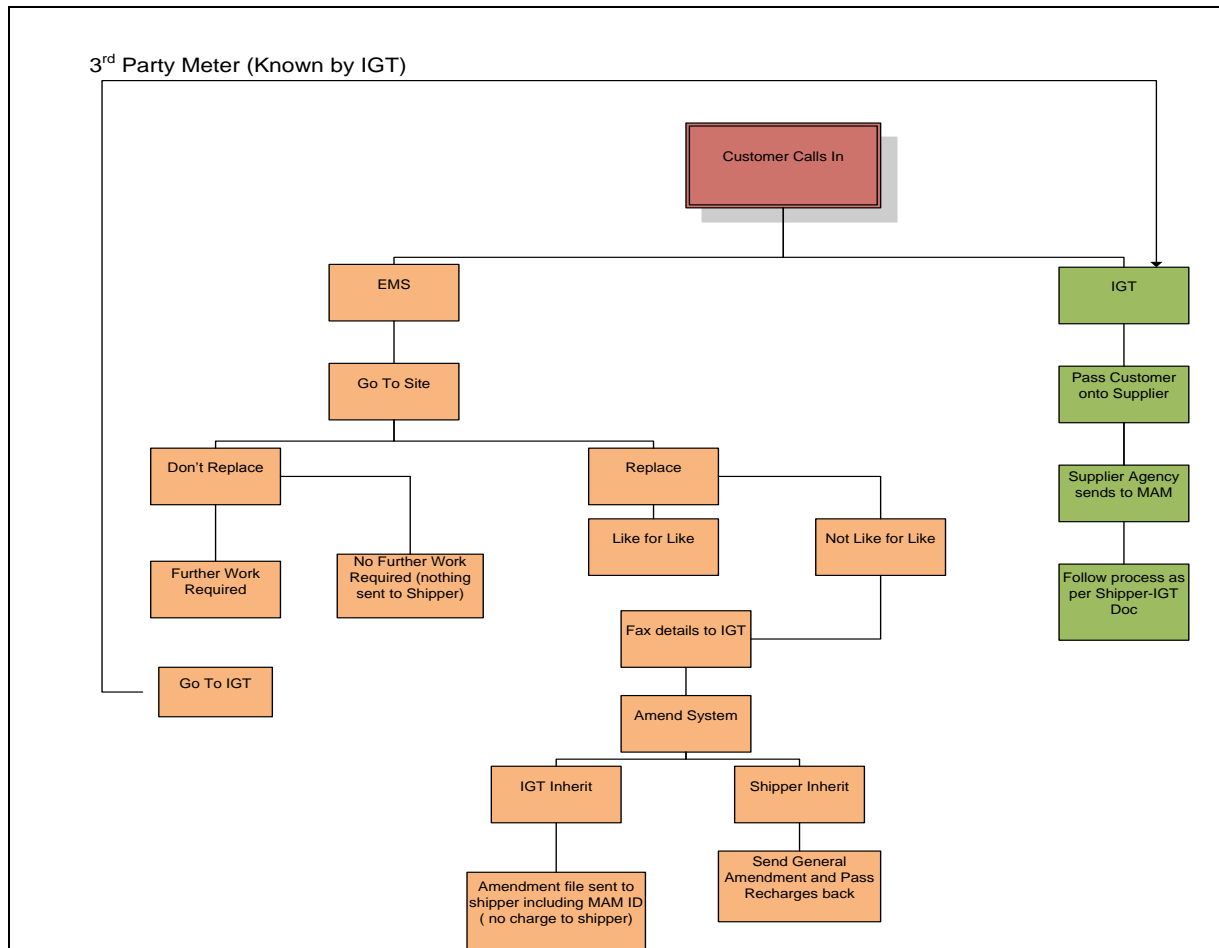
2.9.7 .UPR File Validation & Rules

See 2.7.3

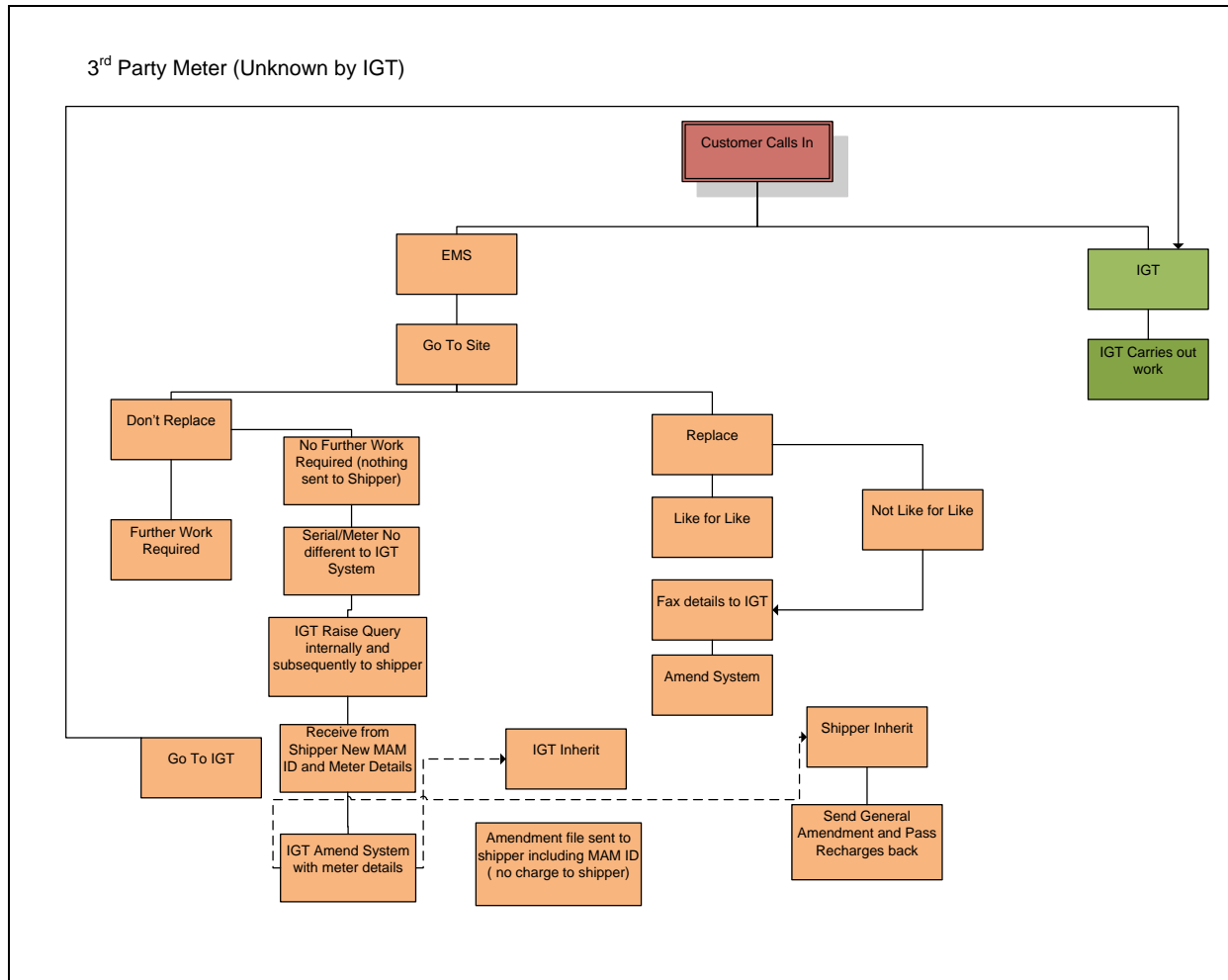
3. Post Emergency Maintenance Procedures.

The following two diagrams detail the process for Post Emergency Maintenance procedures for third party meters known to the iGT and unknown to the iGT, respectively.

3.1 3rd Party Meter (Known by IGT)



3.2 3rd Party Meter (not known by IGT)



Appendix 1

MAM and MAS S72 Rejection Codes

CDN00011	Minimum data has not been provided	
FIL00010	File contains no records	Information record does not exist
FIL00011	Record contains incorrectly formatted data	Information not supplied in correct format
FIL00012	Records are not in the expected order	Records do not follow correct sequence
FIL00013	Organisation Id on the Header cannot be found	Invalid or missing System User ID
FIL00014	Organisation Id on the Header does not match the Sender's Id in the File Name	The ID on the header is incompatible with the senders ID in the file name
FIL00015	File Type on the header is not the same as that in the File Name	The ID on the header is incompatible with the senders ID in the File name
FIL00016	Generation Number on the Header is not the same as that in File Name	Generation number is incompatible with the file name
MPO0001	Meter Point Reference Number Not Found	
MPO00018	Meter Point reference not provided	The Meter Point reference is mandatory but has not been supplied
MPO00019	Meter Point is not part of a live supply point	Supply Point to which this Meter Point belongs does not have a gas supply
MPO00037	Meter Point is extinct	
MPO00589	Meter Point Status is dead, updates are not allowed	
MRP00010	Invalid Market Participant Name	
SHI00001	System User not found	System User ID provided does not exist
SHI00010	System User is not responsible for the Meter Point reference provided	The system user making the request does not currently have any responsibility for the Meter Point identified by the reference they have provided.

SHI00011	System User ID nor provided	System User ID, which is mandatory, has not been supplied
SPA00023	No registered user for the meter point	
SPO00016	Request denied as supply point ownership is subject to transfer	Transfer of Ownership has been guaranteed to another System User, therefore request cannot be accepted.

Appendix 2

.JOB, .JRS, .UPR and .UPD Rejection Codes

For .JOB, .JRS, .UPR and .UPD rejection codes see RGMA Baseline.