Transco

MAM Manual

Queries & Invoicing

Version 14



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1 QUERY MANAGEMENT 4

1.1 Query Submission 4
1.2 Incomplete Queries 6
1.3 Query Rejections 6
1.4 Query Management Process Flow 7
1.5 Query Submission Hierarchy (OSENQ) 8
1.6 Query Submission File Format (OSENQ) 9
1.7 Query Response File (RSENQ) 15
1.8 Query Response Hierarchy (RSENQ) 16
1.9 Query Response File Format (RSENQ) 17
1.10 Query Notification File (ONENQ) 20
1.11 Query Notification Hierarchy (ONENQ) 21
1.12 Query Notification Format – Progress, Resolution & Completion (ONENQ) 25

2 INVOICING 28

2.1 Invoices 28
2.2 Metering Asset Invoice (MAV) 28
2.3 Metering Asset Ad Hoc Adjustment Invoice (MAH) 28
2.4 Metering Asset Standard Adjustment Invoice (MAJ) 29
2.5 Asset Works Invoice (AWI) 29
2.6 Asset Works AdHoc Adjustment Invoice (AWH) 29
2.7 Pre-Appointment Liquidated Damages (PALD) Invoice (MFV) 30
2.8 Supplementary Back-Up Files – Rental Invoices 30
2.9 Supplementary Back-Up Files – PALD Invoice 30
2.10 Invoicing Process Flow Diagram 32
2.11 Metering Asset Rental Invoices (MAV, MAJ, MAH) & Pre-Appointment Liquidated Damages Invoice (MFV) Hierarchy 33
2.12 Metering Asset Invoice & Pre-Appointment Liquidated Damages Invoice File Format 34
2.13 Metering Asset Works Invoice & Asset Works Adjustments Invoice Hierarchy (AWI, AWH) 40
2.14 Metering Asset Works Invoice File Format 41
2.15 Supporting Data File Formats 47

3 APPENDIX 59

3.1 Query Fax Template 59
3.2 Invoice Examples 60
3.3 Transco Metering Data Dictionary 84
3.4 Data Dictionary 84
3.5 PEMS 96
3.6 Transco Metering Services Limited - PEMS Query Summary 102
Remittance Advice Summary 102

1 Query Management

1.1 Query Submission

A metering query can be sent via batch transfer or via the Web. Fax may be supported in some cases but the preferred method is via batch or Web. For a copy of the query fax template see section 3.1.

Batch transfer submissions require the following mandatory information:

Record	Information
Transaction	Record Identifier Transaction Type Code (Query Group e.g. AST - asset queries) Transaction Type Reason Code (Query Type e.g. FEQ = faulty equipment queries)
Meter Point	Record Identifier MPR
Query Details	Record Identifier Explanation Contact First Name Contact Second Name
Contact Mechanism	Record Identifier Contact Mechanism Code Contact Mechanism Value

Certain information becomes mandatory when certain conditions apply, e.g. if an Invoice query is being submitted, then the Invoice Identifier and Charge Details Records must be supplied.

A full list of Query Types (Transaction Type Reason Codes) is below, along with the Query Group (Transaction Type Codes) they belong to. Some queries will require interaction with both Transco Metering and Transco GT and the table also details whether the query type should be directed to Transco Metering for investigation first. For example, Metering would confirm or provide correct asset details, which can then be used by the Supplier to update the GT database. Other query types, such as replicate (REP) meters would need investigation with the GT first, to establish which MPRN was correct. A “REP” query, supported by evidence from the GT, should then be sent to Metering to correct Rainbow records. Similarly, a found asset would need to be sent to the GT first, since a MPRN will need to be assigned before the details can be added to the Metering portfolio, thereby allowing a portfolio appointment request to be sent.

Transaction Type Codes:
All Transaction Type Reason Codes are assigned to one of the following Transaction Type Codes:

- INVAM – Invoice Meter Rental (Including PALD)
- INVAJ – Invoice Meter Works
- AST – Asset Enquiry
- WRK – Work Enquiry

Transaction Type Reason Codes are shown below:

TRANSACTION TYPE CODE	REASON CODES	DESCRIPTION	EXPLANATION	RECIPIENT
INVAJ INVAM	**ADJ**	**Adjustment Query**	A query challenging the accuracy of an adjustment.	Transco Metering
AST	**ADQ**	**Asset Details Query**	A query challenging the attributes of any part of the supply meter installation details held on Rainbow (meter, converter etc)	Transco Metering
AST	**CAA**	**Consumer/Address Amendment**	A query challenging the meter point address or consumer details held against a meter	Transco GT (Holder of Meter Point Address), else Transco Metering
INVAJ INVAM	**CAL**	**Invoice Calculation Query**	A query challenging the way in which an Invoice charge has been calculated	Transco Metering
INVAJ	**COM**	**Compensation Query**	A query relating to a claim for compensation or challenging the value of the compensation payment	Transco Metering
***AST**	**CRO**	**Crossed Meter**	A query identifying a potential crossed meter scenario	Transco Metering
INVAJ	**DBT**	**Duplicated Billing**	A query surrounding charges billed twice for the same meter works request	Transco Metering
AST	**FEQ**	**Faulty Equipment Query**	A query reporting a possible faulty piece of equipment on the supply meter installation (meter/converter/bypass etc)	Transco Metering
***AST**	**FOU**	**Found Meter Query**	A query notifying Transco Metering of the existence of a meter not currently held in the MAM system. Rainbow will not validate MPRN if reason code = FOU as the MPRN would not be held in Rainbow. Once asset details have been obtained, Suppliers can appoint using NEWCN reason code, see **Error! Reference source not found.**Section 2.11 Asset Portfolio Volume 2	Transco GT
WRK	**GSB**	**Guaranteed Standard Broken**	A claim for compensation following a failure to meet a guaranteed standard	Transco Metering
INVAJ	**ISR**	**Supplier Reference Query – Meter Works Invoice**	A query challenging the validity of the Supplier Reference quoted against a job contained within the Meter Works Invoice	Transco Metering
INVAM	**OWN**	**Ownership/Portfolio Dispute**	A query challenging the ownership of the MPRN for a specific period	Transco Metering
***AST**	**REP**	**Replicate MPRN**	A query relating to multiple MPRs set up on Rainbow for one property.	Transco GT

AST	**SMS**	**Supply Meter Installation Status Query**	A query challenging the status of the supply meter installation	Transco Metering
INVAJ	**WNR**	**Meter Work Query**	A query challenging the validity of the charge for a specific work request	Transco Metering

* = Queries for which Supplier needs to contact the GT before Transco Metering.

1.2 Incomplete Queries

Queries are not normally rejected for missing mandatory information. An incomplete query is generated and the Response file (RSENQ) supplies the (Query) Transaction Reference. This file also details the missing attributes. The exceptions to this rule are detailed in the section below.

When re-submitting an incomplete query, all the details must be provided, not just the missing details and the Transaction Reference provided in the Response file (RSENQ) should also be provided. If this reference is not provided, then the query is treated as new and reminders will still be sent for the outstanding incomplete query.

1.3 Query Rejections

Record	Information
Transaction	Record Identifier Transaction Type Code (Query Group e.g. AST - asset queries) Reason Code (Query Type e.g. FEQ = faulty equipment queries)
Query Details	Record Identifier Explanation Contact First Name Contact Second Name
Contact Mechanism	Record Identifier Contact Mechanism Code Contact Mechanism Value

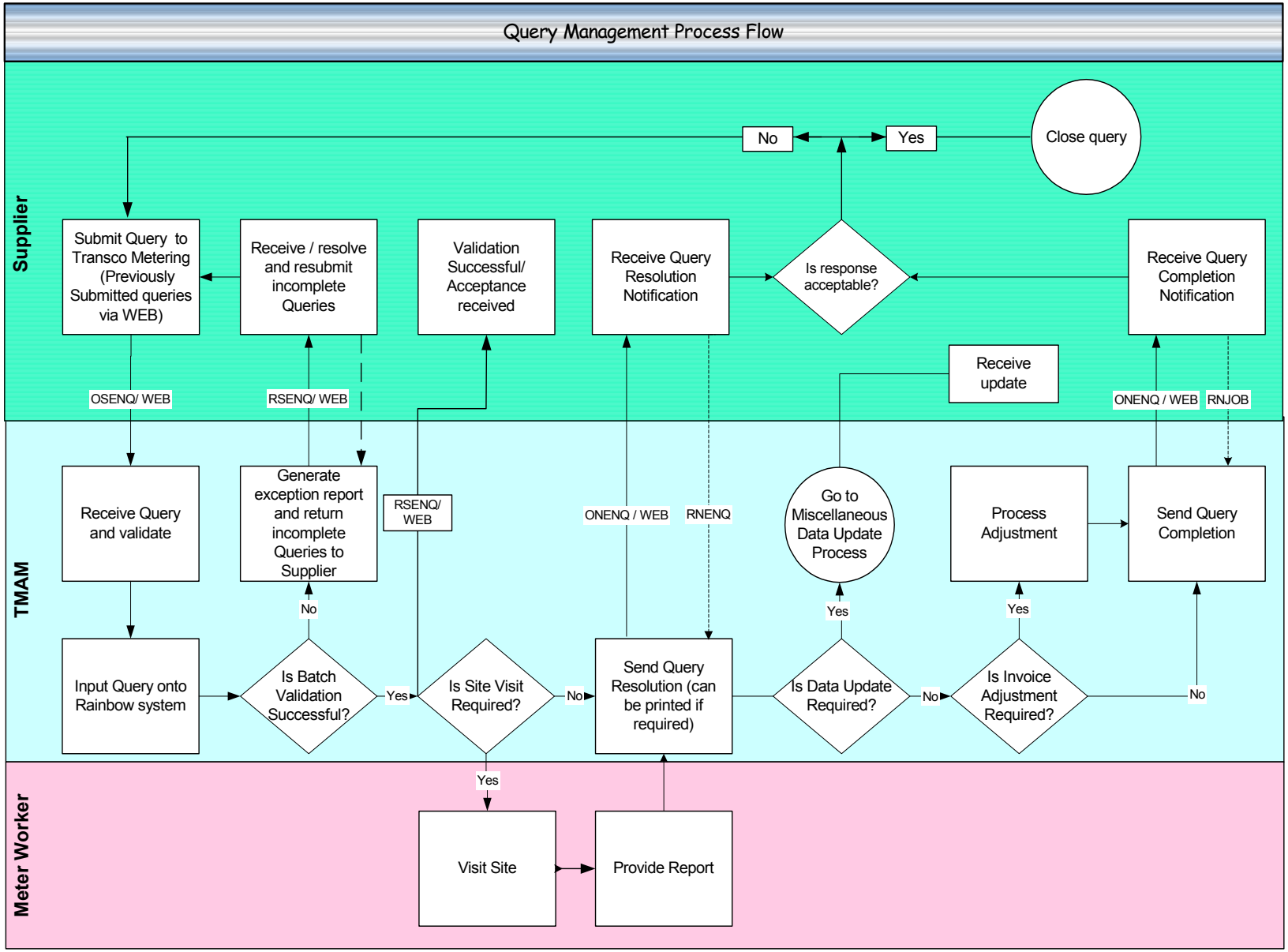
The above items are all Mandatory and will be provided when a record or file is rejected.

Non compliance to file formats at dataset level will result in transaction rejections. If “Explanation”(T0513) under query details is not provided, it will lead to rejections.

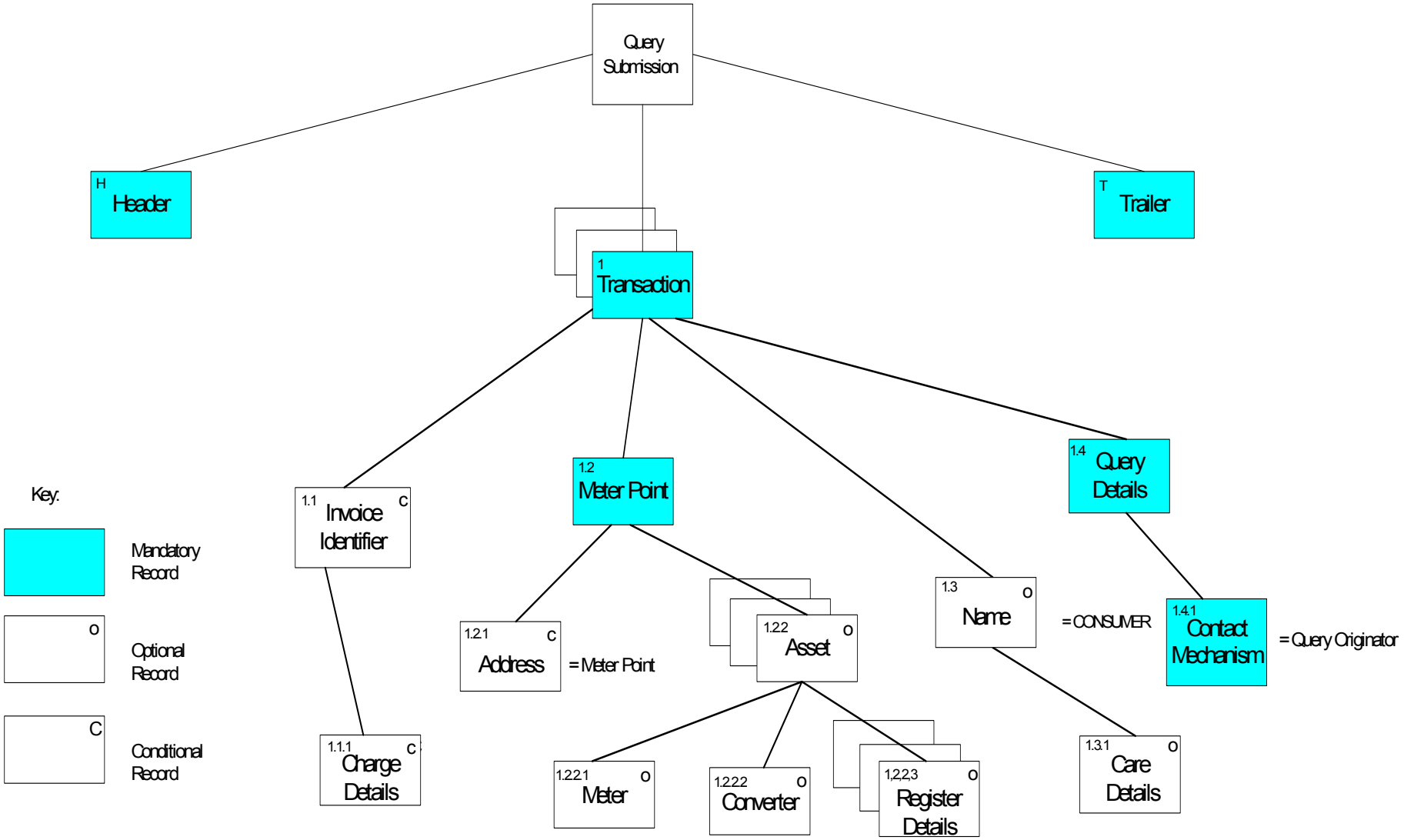
In addition, “double” queries will be rejected. This only applies to Invoice Queries, where a query is raised with the same Invoice Number, Line Item and MPRN as an existing Invoice Query.

Where the number of inaccurate or incomplete queries submitted in a file exceeds 80%, then the whole file will be rejected for resubmission.

1.4 Query Management Process Flow



1.5 Query Submission Hierarchy (OSENQ)



1.6 Query Submission File Format (OSENQ)

1 Transaction		1 to many (per File)		***Mandatory Record***			
Attribute Number	Optional or Mandatory	Field Length	Field Format	Description	Key	Rules	MDD or TDD
A0177	M	5	Char	Record Identifier		TRANS	MDD
A0055	O	15	Char	Transaction Reference	*	Transco Metering generated Reference Number. Can only be supplied when re-submitting an incomplete query.	
A0056	X	210	Char	Transaction Comment			
A0053	X	25	Char	Contract Reference			
A0144	M	5	Char	Transaction Type Code	*	Values: AST (Asset), INVAJ (Works Invoice), INVAM (Rental Invoice), WRK (Work Query)	TDD
A0167	M	5	Char	Transaction Type Reason Code	*	Values: ADJ (Adjustment Query), ADQ (Asset Details Query), CAA (Address Amendment), CAL (Invoice Calculation Query), COM (Compensation Query), CRO (Crossed Meter), DBT (Duplicated Billing), FEQ (Faulty Equipment Query), FOU (Found Meter Query), GSB (Guaranteed Standard Broken), ISR (Supplier Reference Query – Meter Works Invoice), OWN (Portfolio Dispute), REP (Replicate MPRN), SMS (Supply Meter Installation Status Query), WNR (Meter Work Query)	TDD
A0058	X	15	Char	Cross-Ref Other Internal Job Reference			
A0122	X	15	Char	Cross-Ref Other External Job Reference			
A0142	X	5	Char	Transaction Status Code			MDD
A0057	X	5	Char	Transaction Status Change Reason Code			
A0161	C	1	Char	Market Sector Code	*	Mandatory if A0167 = FOU Values: D, I (Domestic, (Industrial & Commercial as defined by the Utility Act).	MDD
A0166	X	8	Date	Date of Notice			
A0068	X	5	Char	Registration Body			
A0069	X	20	Char	Registration Reference			

A0081	X	8	Date	Effective From Date			
A0082	X	8	Date	Effective To Date			

1.1 Invoice Identifier		0 to 1 (per Transaction)		***Mandatory if an Invoice Query or Work***			
Attribute Number	Optional or Mandatory	Field Length	Field Format	Description	Key	Rules	MDD or TDD
A0177	M	5	Char	Record Identifier		INVOI	TDD
T0530	C	10	Char	Original Area invoice number	*	Mandatory if A0144=INVAM or INVAJ	
T0531	C	6	Number	Original Parent generation number	*	Mandatory if A0144=INVAM or INVAJ	
T0532	C	6	Number	Original Line item number	*	Mandatory if A0144=INVAM or INVAJ	
T0533	X	12	Char	MAM job/quote reference	*		
T0534	C	35	Char	Supplier job/quote reference	*	Mandatory if A0144= WRK or A0144=INVAJ	
T0535	X	10	Char	Adjustment Invoice Number			
T0536	X	6	Number	Adjustment Parent Generation Number			
T0537	X	6	Number	Adjustment Line Item Number			
T0538	X	15,2	Number	Adjustment Amount			

1.1.1 Charge Details		1 (per Invoice Identifier)		***Mandatory if an Invoice query***			
Attribute Number	Optional or Mandatory	Field Length	Field Format	Description	Key	Rules	MDD or TDD
A0177	M	5	Char	Record Identifier		CHRGE	TDD
T0540	C	15,2	Number	Original Charge item amount in dispute	*	Mandatory if A0144 = INVAM or INVAJ.	
T0541	C	15,2	Number	Original Charge item withheld amount	*	Mandatory if A0144 = INVAM or INVAJ Field must be completed – 0.00 can be used if necessary.	
T0542	X	15,2	Number	Current Charge item withheld amount	*	Derived by Transco Metering.	

1.2 Meter Point		1 (per Transaction)		***Mandatory Record***			
Attribute Number	Optional or Mandatory	Field Length	Field Format	Description	Key	Rules	MDD or TDD
A0177	M	5	Char	Record Identifier		MTPNT	MDD
A0178	X	5	Char	Data Update Code			MDD
A0072	M	10	Integer	Meter Point Reference Number			
A0076	O	1	Char	Meter Link Code	*	Values: **F (Freestanding)**	MDD
A0077	X	2	Char	Meter Point Status			MDD
A0059	O	2	Char	Location Code			MDD
A0157	C	100	Char	Meter Point Location Notes		Mandated If A0059 = Other	
A0075	O	210	Char	Access Instructions			
A0074	O	9,6	Number	Conversion Factor		Values: 0.000001 to 999.999999	
A0073	X	8	Date	Last Inspection Date			
A0164	X	9,3	Number	Metering Pressure			

1.2.1 Address		0 to 1 (per Meter Point)		***Conditional Record, mandated where A0144=AST & A0167=CAA, FOU or CRO***			
Attribute Number	Optional or Mandatory	Field Length	Field Format	Description	Key	Rules	MDD or TDD
A0177	M	5	Char	Record Identifier		ADDRS	MDD
A0102	X	5	Char	Address Type Code			MDD
A0003	X	210	Char	Address Text			
A0004	C	40	Char	Sub Building Name_Number	*	This or the next field should be provided if A0144=AST & A0167=CAA, FOU or CRO	
A0006	C	40	Char	Building Name_Number	*	This or the previous field should be provided if A0144=AST & A0167=CAA, FOU or CRO	
A0007	C	40	Char	Dependent Thoroughfare	*	This or the next field should be provided if A0144=AST & A0167=CAA, FOU or CRO	
A0008	C	40	Char	Thoroughfare	*	This or the previous field should be provided if A0144=AST & A0167=CAA, FOU or CRO	
A0009	O	40	Char	Double Dependent Locality			
A0010	O	40	Char	Dependent Locality			
A0011	C	40	Char	Post Town	*	Should be provided if A0144=AST & A0167=CAA, FOU or CRO	
A0012	X	40	Char	County			
A0013	C	10	Char	Post Code	*	Mandatory if A0144=AST & A0167=CAA, FOU or CRO	
A0015	X	7	Integer	Grid Co-ord X			
A0016	X	7	Integer	Grid Co-ord Y			
A0017	X	7	Integer	Grid Co-ord Z			
A0018	X	12	Char	Unique Property – Reference Number			

1.2.2 Asset		0 to many (per Meter Point)		***Optional Record***			
Attribute Number	Optional or Mandatory	Field Length	Field Format	Description	Key	Rules	MDD or TDD
A0177	M	5	Char	Record Identifier		ASSET	MDD
A0178	X	5	Char	Data Update Code			MDD
A0144	X	5	Char	Transaction Type Code			MDD
A0024	O	5	Char	Asset Class Code	*	Values: BYPAS (Bypass), CONVE (Converter), DTLGR (Datalogger), METER (Meter),	MDD
A0109	X	10	Char	Product Id			MDD
A0163	O	5	Char	Payment Method code	*	Values: CR (Credit), PP (Prepayment).	MDD
A0083	O	10	Char	Model Code			MDD
A0060	O	3	Char	Manufacturer Code			MDD
A0021	O	4	Integer	Year of Manufacture			
A0022	O	14	Char	Serial Number			
A0059	O	2	Char	Location Code			MDD
A0158	O	100	Char	Asset Location Notes			
A0037	O	2	Char	Asset Status Code			MDD

1.2.2.1 Meter		0 to 1 (per Asset)		***Optional Record***			
Attribute Number	Optional or Mandatory	Field Length	Field Format	Description	Key	Rules	MDD or TDD
A0177	M	5	Char	Record Identifier		METER	MDD
A0178	X	5	Char	Data Update Code			
A0025	O	5	Char	Meter Type Code			MDD
A0085	O	5	Char	Meter Mechanism code	*	Values: CM – Coin Meter, CR – Credit, ET – Electronic Token Meter, MT – Mechanical Token Meter, PP – PrePayment, TH – Thrift, U – Unknown	MDD
A0112	X	10,4	Number	Measuring Capacity			
A0079	X	1	Char	Meter Usage Code			MDD
A0044	X	5	Char	Collar Status Code			MDD
A0149	X	8	Date	OAMI Inspection Date			
A0126	X	5	Char	Role Code			MDD
A0160	X	8	Date	Last Refurbished Date			
A0194	X	7,2	Number	Pulse Value			

1.2.2.2 Converter		0 to 1 (per Asset)		***Optional Record***			
Attribute Number	Optional or Mandatory	Field Length	Field Format	Description	Key	Rules	MDD or TDD
A0177	M	5	Char	Record Identifier		CONVR	MDD
A0178	X	5	Char	Data Update Code			
A0036	O	5	Char	Conversion basis Code	*	Values:– T - Temperature PT – Pressure & Temperature CPT – Compressibility, Pressure & Temperature	MDD
A0027	O	9,6	Number	Converter Conversion factor			

1.2.2.3 Register Details		0 to 2 (per Registering Asset)		***Optional Record***			
Attribute Number	Optional or Mandatory	Field Length	Field Format	Description	Key	Rules	MDD or TDD
A0177	M	5	Char	Record Identifier		REGST	MDD
A0178	X	5	Char	Data Update Code			
A0124	X	5	Char	Register Type Code			MDD
A0121	O	2	Integer	Number of Dials or Digits		Allowable values 4-10	
A0123	O	5	Char	Units of Measure	*	Values: SCFH (Standard Cubic Feet per hour), SCMH (Standard Cubic Meters per hour).	MDD
A0120	O	6,3	Number	Multiplication factor		The multiplication factor to apply to the resultant index advance indicated by the current reading. Examples 0.1, 1, 10,100,1000	

1.3 Name		0 to 1 (per Transaction)		***Optional, To be provided if Transco Metering is to contact the customer***			
Attribute Number	Optional or Mandatory	Field Length	Field Format	Description	Key	Rules	MDD or TDD
A0177	M	5	Char	Record Identifier		NAME	MDD
A0107	X	5	Char	Person Type Code			MDD
A0088	O	6	Char	Title			
A0089	O	4	Char	Initials			
A0090	O	30	Char	Surname			
A0100	O	100	Char	Person Notes	*	Value: Telephone Number of the Consumer	
A0101	O	30	Char	Access Password			

1.3.1 Care Details		0 to 1 (per Name per Transaction)		***Optional, To be provided if Transco Metering is to contact the customer***			
Attribute Number	Optional or Mandatory	Field Length	Field Format	Description	Key	Rules	MDD or TDD
A0177	M	5	Char	Record Identifier		CARE	MDD
A0039	M	2	Char	Care Category Code	*	Values: 03 SEUC Unclassified 04 Aged 60+ 05 Blind 06 Braille User 07 Poor Sight 08 Deaf	MDD

						09 Poor Hearing 10 Poor Speech 11 Poor Sense of Smell 12 Arthritic Hands 13 Arthritic All 14 Poor Walking 15 Wheelchair 16 Bedridden 17 Mental Handicap 18 Confused 19 Serious Illness 20 Other 21 Heart Condition 22 Breathing Difficulty	

1.4 Query Details		1 (per Transaction)		***Mandatory Record***			
Attribute Number	Optional or Mandatory	Field Length	Field Format	Description	Key	Rules	MDD or TDD
A0177	M	5	Char	Record Identifier		QUERY	TDD
T0510	O	1	Char	Top Priority		Top priority flag	
T0511	O	35	Char	Reference Number	*	Supplier Reference Number	
T0512	O	14	Char	Existing serial number			
T0513	M	1000	Char	Explanation	*	Reason for raising query	
T0514	O	1	Char	Additional information supplied			
T0515	X	3	Char	Justified			
T0516	X	8	Date	Date Logged			
T0517	X	8	Date	Date Resolved			
T0502	M	35	Char	Contact First Name	*	Mandatory for all queries	
T0503	M	35	Char	Contact Second Name	*	Mandatory for all queries	

1.4.1 Contact Mechanism		1 (per Query Details)		***Mandatory Record***			
Attribute Number	Optional or Mandatory	Field Length	Field Format	Description	Key	Rules	MDD or TDD
A0177	M	5	Char	Record Identifier	*	CONTM= Requestors Details	MDD
A0049	M	5	Char	Contact Mechanism Code	*	Values: EMAIL (E-Mail), FAX (Facsimile), MOBIL (Mobile Phone), PAG (Pager), TEL (Telephone), TEX (Telex). POST – Letter sent land/sea/airmail, VISIT – Visit.	MDD
A0106	M	100	Char	Contact Mechanism Value			

1.7 Query Response File (RSENQ)

When the batch file is received, file level validation is undertaken and a response file is sent. This file is very similar to the standard response file, however, it is necessary to also return the Invoice Identifier Record where an invoice query has been submitted. Without this extra information, it may not be possible for the originator to identify the specific query.

Providing the file is acceptable, transaction level validation is undertaken, however, the query will not be rejected for incompleteness, instead the response will detail the field(s) required.

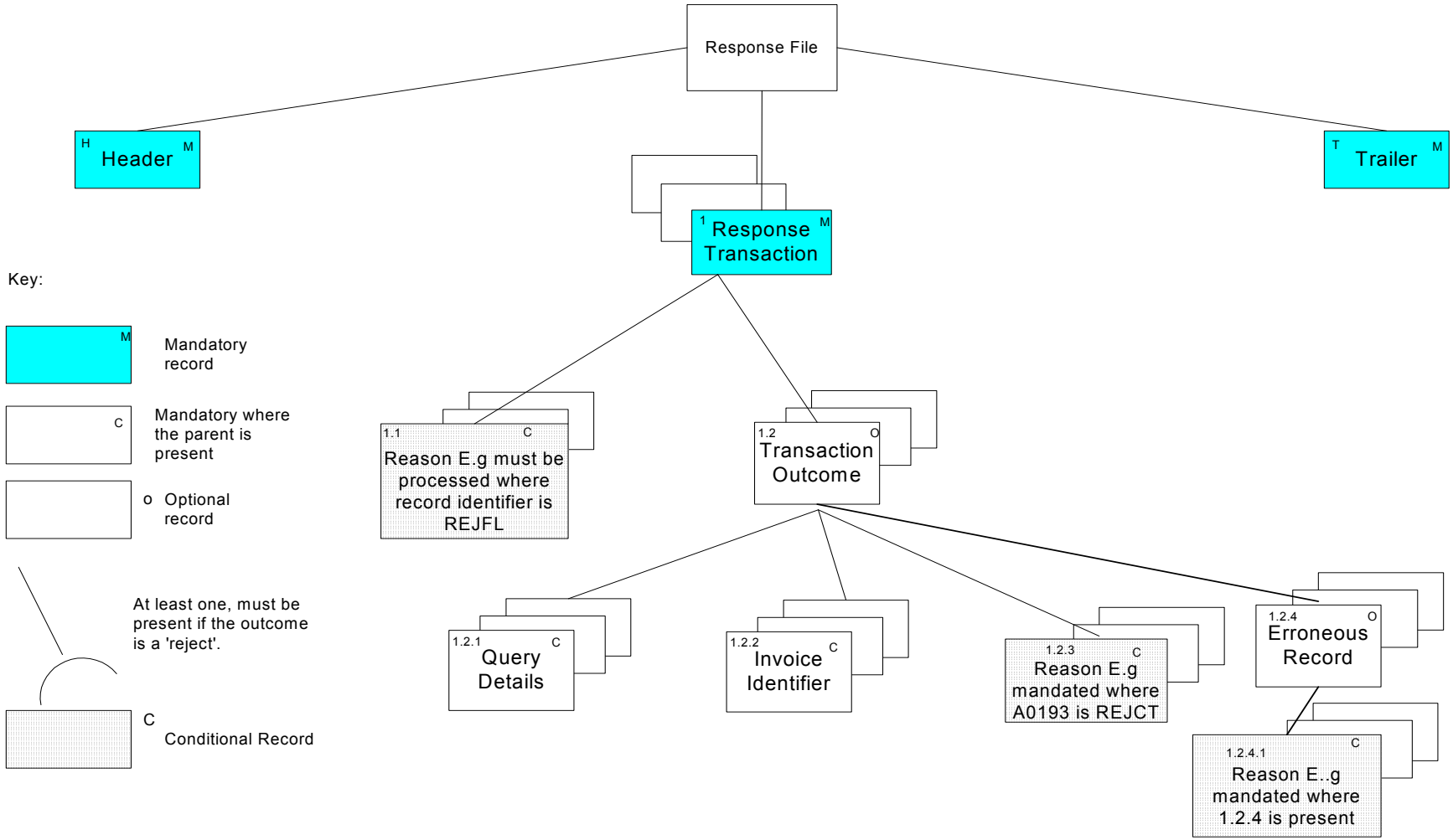
The optionality of the fields within the Response assumes that all data is provided, however, when complete data has not been provided the response will contain blank fields even though the format states “M”. For example, if an invoice query is raised, then the Invoice Record within the Query Submission File becomes mandatory. If the originator fails to provide the Area Invoice Number, the Query Response File would itemise this as a missing field and T0530 would not be populated.

The requester must resubmit **the entire query** (not just the missing fields), using the transaction reference already assigned by Transco Metering. If this information is not supplied within 5 working days, then a reminder is sent and after 10 working days, the incomplete query is automatically closed, with a further notification being sent to the originator (see Section 1.10- Query Notification for details).

Erroneous record will be provided only for enquires that are received via OSENQ and when the enquiry is either incomplete or rejected.

Acknowledgement will be sent using RSENQ for enquires that are submitted using all forms of submission.

1.8 Query Response Hierarchy (RSENQ)



1.9 Query Response File Format (RSENQ)

1 Response Transaction		1 to many (per file)		***Mandatory Record***			
Attribute Number	Optional or Mandatory	Field Length	Field Format	Description	Key	Rules	MDD or TDD
A0177	M	5	Char	Record Identifier	*	REJFL if the file has been rejected, otherwise RESPN.	MDD
A0186	C	8	Char	File Identifier	*	This must be present where the file is being rejected.	
A0184	C	8	Char	Created Date	*	This must be present where the file is being rejected.	
A0185	C	6	Char	Created Time	*	This must be present where the file is being rejected.	

1.1 Reason		0 to many (per Response Transaction)		***This must be provided where the Response Transaction Record Identifier is REJFL.***			
Attribute Number	Optional or Mandatory	Field Length	Field Format	Description	Key	Rules	MDD or TDD
A0177	M	5	Char	Record Identifier		REJRS	MDD
A0173	O	5	Char	Attribute Number			
A0190	M	5	Char	Response Code			MDD
A0192	O	210	Char	Response Notes			

1.2 Transaction Outcome		0 to many (per Response Transaction)		***This is provided where there is a response at the record and/or data item level.***			
Attribute Number	Optional or Mandatory	Field Length	Field Format	Description	Key	Rules	MDD or TDD
A0177	M	5	Char	Record Identifier	*	TROUT	MDD
A0193	M	5	Char	Outcome Code	*	Values: ACCPT – Accept, REJCT - Reject	MDD
A0072	O	10	Integer	Meter Point Reference Number			
A0055	C	15	Char	Transaction Reference	*	Mandatory where A0193 = ACCPT	
A0144	C	5	Char	Transaction Type Code	*	Mandatory where A0193 = ACCPT	
A0142	X	5	Char	Transaction Status Code			

1.2.1 Query Details		1 to many (per Transaction Outcome)		***Mandatory Record***			
Attribute Number	Optional or Mandatory	Field Length	Field Format	Description	Key	Rules	MDD or TDD
A0177	M	5	Char	Record Identifier		QUERY	TDD
T0510	O	1	Char	Top Priority			
T0511	O	35	Char	Reference Number	*	Supplier Reference Number	
T0512	O	14	Char	Existing serial number			
T0513	X	1000	Char	Explanation			
T0514	X	1	Char	Additional information supplied			
T0515	X	3	Char	Justified		Values: Y = Yes N = No	
T0516	X	8	Date	Date Logged			
T0517	X	8	Date	Date Resolved			
T0502	M	35	Char	Contact First Name	*	Mandatory for all queries	
T0503	M	35	Char	Contact Second Name	*	Mandatory for all queries	

1.2.2 Invoice Identifier		0 to many (per Transaction Outcome)		***Conditional Record, Mandatory if invoice query or work***			
Attribute Number	Optional or Mandatory	Field Length	Field Format	Description	Key	Rules	MDD or TDD
A0177	M	5	Char	Record Identifier		INVOI	TDD
T0530	C	10	Char	Original Area invoice number	*	Mandated if INV and supplied in OSENQ	
T0531	C	6	Number	Original Parent generation number	*	Mandated if INV and supplied in OSENQ	
T0532	C	6	Number	Original Line item number	*	Mandated if INV and supplied in OSENQ	
T0533	X	12	Char	MAM job/quote reference	*	Mandated if INVAJ and supplied in OSENQ	
T0534	C	35	Char	Shipper job/quote reference	*	Mandated if INVAJ and supplied in OSENQ	
T0535	X	10	Char	Adjustment Invoice Number			
T0536	X	6	Number	Adjustment Parent Generation Number			
T0537	X	6	Number	Adjustment Line Item Number			
T0538	X	15,2	Number	Adjustment Amount			

1.2.3 Reason		0 to many (per Response Transaction)		***Conditional Record, Mandated where A0193 = REJCT***			
Attribute Number	Optional or Mandatory	Field Length	Field Format	Description	Key	Rules	MDD or TDD
A0177	M	5	Char	Record Identifier		REJRS	MDD
A0173	O	5	Char	Attribute Number	*	This may be included where a data item can be identified as part of the source of the exception.	
A0190	M	5	Char	Response Code	*	Values: in Appendix	MDD
A0192	O	210	Char	Response Notes			

1.2.4 Erroneous Record	0 to many (per Transaction	

		Response)					
Attribute Number	Optional or Mandatory	Field Length	Field Format	Description	Key	Rules	MDD or TDD
This will contain the record in Error							

1.2.4.1 Reason		0 to many (per Erroneous Record)		***Conditional Record, Mandated where 1.2.4 is present***			
Attribute Number	Optional or Mandatory	Field Length	Field Format	Description	Key	Rules	MDD or TDD
A0177	M	5	Char	Record Identifier	*	REJRS	MDD
A0173	M	5	Char	Attribute Number		If the attribute cannot be identified, the rejection will be reported at the record level (1.2.3).	
A0190	M	5	Char	Response Code			MDD
A0192	O	210	Char	Response Notes			

1.10 Query Notification File (ONENQ)

There are four different Query Notification Files:

- 5 day reminder
- 10 day closure
- Resolution
- Completion

The optionality of the fields within the Response assumes that all data is provided, however, when complete data has not been provided the response will contain blank fields even though the format states “M”. For example, if an invoice query is raised, then the Invoice Record within the Query Submission File becomes mandatory. If the originator fails to provide the Area Invoice Number, the Query Response File would itemise this as a missing field and T0530 would not be populated. Data not recognised will be reported as missing for reminder and closure notice.

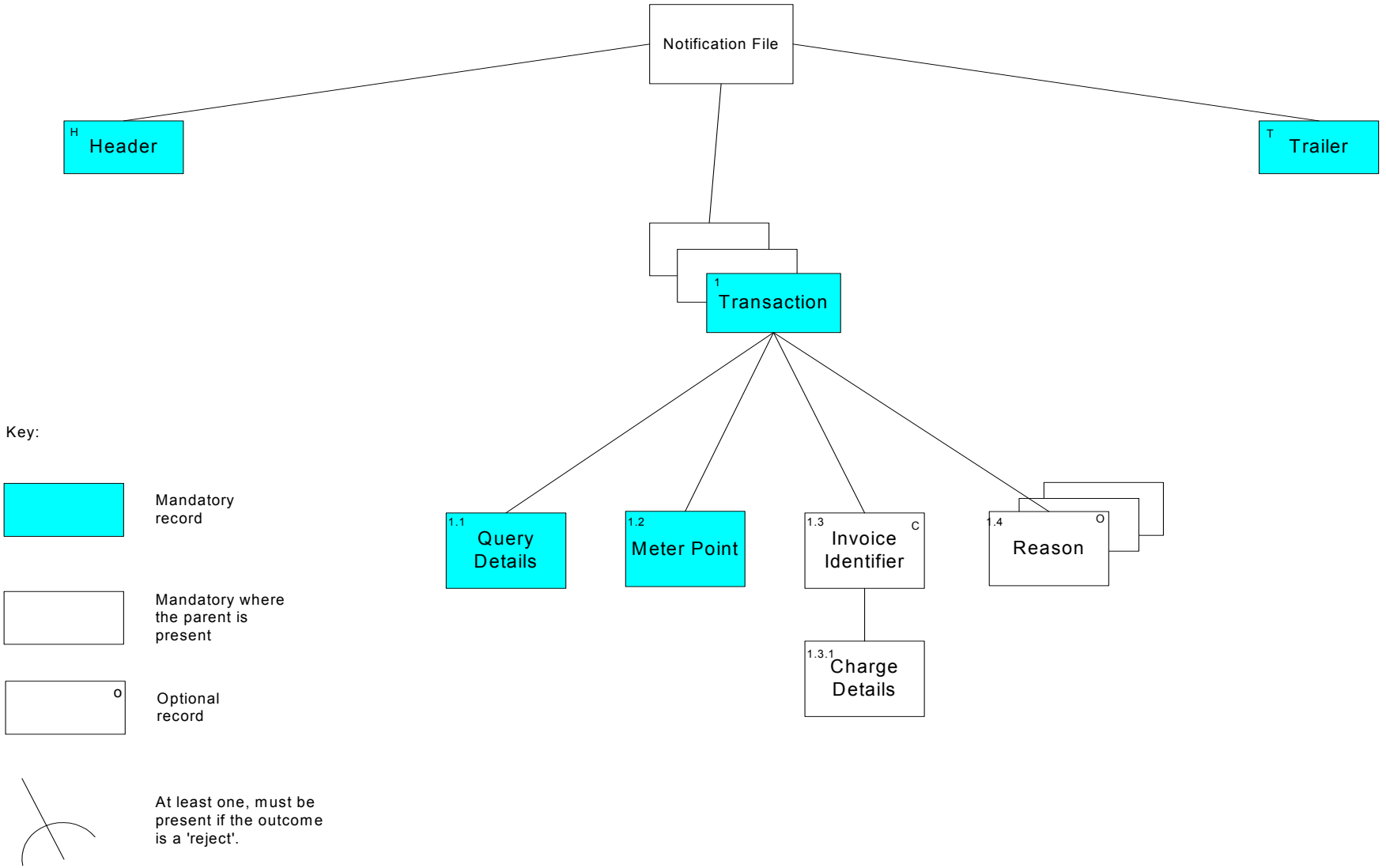
5 Day Reminder
This file is sent where an incomplete query has been submitted. After 5 working days, a reminder is sent via batch file if the originator has failed to resubmit the query. This notification once again details the missing fields

10 Day Closure
If the originator has not resubmitted the missing information to complete the query within 10 working days, then the query is automatically closed and this notification is sent. The originator would then need to resubmit the query from scratch if an answer is still required.

Resolution
This notification includes a text field with the answer to the enquiry logged. This is to facilitate the monitoring of performance. Where an incomplete query was initially received, the date logged is the date the complete query was resubmitted. An ONENQ file will be sent regardless of the means of submission.

Completion
This notification incorporates details of any adjustment. Adjustments may be in response to an invoice query, or any other query where it is established that an incorrect charge has been invoiced. Completion notifications are sent, regardless of whether there is any financial adjustment, or any withheld amount and in these cases, the associated fields will incorporate a value of £00.00.

1.11 Query Notification Hierarchy (ONENQ)



1.12 Query Notification Format – Progress, Resolution & Completion (ONENQ)

1 Transaction		1 to many (per File)		***Mandatory Record***			
Attribute Number	Optional or Mandatory	Field Length	Field Format	Description	Key	Rules	MDD or TDD
A0177	M	5	Char	Record Identifier		TRANS	MDD
A0055	M	15	Char	Transaction Reference	*	Reference from the original query.	
A0056	X	210	Char	Transaction Comment			
A0053	X	25	Char	Contract Reference			
A0144	M	5	Char	Transaction Type Code	*	Values: AST (Asset), INVAJ (Works Invoice), INVAM (Rental Invoice), WRK (Work Query)	TDD
A0167	M	5	Char	Transaction Type Reason Code	*	Values: ADJ (Adjustment Query), ADQ (Asset Details Query), CAA (Consumer/ Address Amendment), CAL (Invoice Calculation Query), COM (Compensation Query), CRO (Crossed Meter), DBT (Duplicated Billing), FEQ (Faulty Equipment Query), FOU (Found Meter Query), GSB (Guaranteed Standard Broken), ISR (Supplier Reference Query - Meter Works Invoice), OWN (Ownership/Portfolio Dispute), REP (Replicate MPRN), SMS (Supply Meter Installation Query), WNR (Meter Work Query).	TDD
A0058	X	15	Char	Cross-Ref Other Internal Job Reference			
A0122	X	15	Char	Cross-Ref Other External Job Reference			
A0142	M	5	Char	Transaction Status Code	*	Values: REMND -5 Day Reminder, CLOSE - 10 Day Auto Closure, RESLV - Resolution, COMPL- Completion	TDD
A0057	X	5	Char	Transaction Status Change Reason Code			
A0161	X	1	Char	Market Sector Code			MDD
A0166	X	8	Date	Date of Notice			
A0068	X	5	Char	Registration Body			
A0069	X	20	Char	Registration			

				Reference			
A0081	X	8	Date	Effective From Date			
A0082	X	8	Date	Effective To Date			

1.1 Query Details		1 (per Transaction)		***Mandatory Record***			
Attribute Number	Optional or Mandatory	Field Length	Field Format	Description	Key	Rules	MDD or TDD
A0177	M	5	Char	Record Identifier		QUERY	TDD
T0510	O	1	Char	Top Priority			
T0511	O	35	Char	Reference Number	*	Supplier Reference Number	
T0512	X	14	Char	Existing serial number			
T0513	C	1000	Char	Explanation	*	Resolution text (not original Explanation). Mandatory for Resolutions. Will be used to capture any possible meter read.	
T0514	X	1	Char	Additional information supplied			
T0515	C	3	Char	Justified	*	Identifies whether the query is valid. Values: Y = Yes N = No Mandatory for Response Record Type: RESLV only	
T0516	M	8	Date	Date Logged	*	For REMND and CLOSE = Date Received For RESLV and COMPL = Date Logged	
T0517	C	8	Date	Date Resolved	*	Mandatory for Response Record Type: RESLV	
T0502	M	35	Char	Contact First Name	*	Mandatory for all queries	
T0503	M	35	Char	Contact Second Name	*	Mandatory for all queries	

1.2 Meter Point		1 (per Transaction)		***Mandatory Record***			
Attribute Number	Optional or Mandatory	Field Length	Field Format	Description	Key	Rules	MDD or TDD
A0177	M	5	Char	Record Identifier		MTPNT	MDD
A0178	X	5	Char	Data Update Code			MDD
A0072	C	10	Integer	Meter Point Reference Number	*	Provided where supplied in OSENQ	
A0076	X	1	Char	Meter Link Code			MDD
A0077	X	2	Char	Meter Point Status			MDD
A0059	X	2	Char	Location Code			MDD
A0157	X	100	Char	Meter Point Location Notes			
A0075	X	210	Char	Access Instructions			
A0074	X	9,6	Number	Conversion Factor			
A0073	X	8	Date	Last Inspection Date			
A0164	X	9,3	Number	Metering Pressure			

1.3 Invoice Identifier		0 to 1 (per Transaction)		***Mandatory if Invoice Enquiry or work***			
Attribute Number	Optional or Mandatory	Field Length	Field Format	Description	Key	Rules	MDD or TDD
A0177	M	5	Char	Record Identifier		INVOI	TDD
T0530	C	10	Char	Original Area invoice number		Mandated where A0167 = INVAJ or INVAM	
T0531	C	6	Number	Original Parent generation number		Mandated where A0167 = INVAJ or INVAM	
T0532	C	6	Number	Original Line item number		Mandated where A0167 = INVAJ or INVAM	
T0533	X	12	Char	MAM job/quote reference			
T0534	C	35	Char	Supplier job/quote reference	*	Mandated where A0167=INVAJ and Work	
T0535	O	10	Char	Adjustment Invoice Number			
T0536	O	6	Number	Adjustment Parent Generation Number			
T0537	O	6	Number	Adjustment Line Item Number			
T0538	O	15,2	Number	Adjustment Amount			

1.3.1 Charge Details		0 to 1 (per Invoice Identifier)		***Mandatory if 1.3 exists***			
Attribute Number	Optional or Mandatory	Field Length	Field Format	Description	Key	Rules	MDD or TDD
A0177	M	5	Char	Record Identifier	*	CHRGE	TDD
T0540	C	15,2	Number	Charge item amount in dispute	*	Mandatory if INV	
T0541	C	15,2	Number	Original Charge item withheld amount	*	Mandatory if INV	
T0542	C	15,2	Number	Current Charge item withheld amount	*	Mandatory if INV Derived by Transco Metering.	

1.4 Reason		0 to many (per Transaction)		***Conditional Record, Mandated where A0142=REMND***			
Attribute Number	Optional or Mandatory	Field Length	Field Format	Description	Key	Rules	MDD or TDD
A0177	M	5	Char	Record Identifier		REJRS	MDD
A0173	O	5	Char	Attribute Number			
A0190	M	5	Char	Response Code			
A0192	O	210	Char	Response Notes			

2 Invoicing

2.1 Invoices

There are two different main Invoice categories, which are submitted on a monthly basis:

- Metering Asset Invoices
- Asset Works Invoices

Metering Invoices are split into geographic zones (by postcode out code). The default position is for the Invoices to be divided into out code based zones closely matching the LDZ boundaries used for Transportation Invoices

This section also includes invoicing for Pre-Appointment Liquidated Damages (PALD), where a meter is installed following a request from a supplier and then no appointment file is received for that asset. The agreed format and supporting information for these charges are identical to the Metering Asset Invoices, however, the payment terms match those of the Metering Asset Works Invoice.

2.2 Metering Asset Invoice (MAV)

Invoice for the provision, maintenance and installation of metering equipment for a given billing period. This file provides overall total charges and also total charges for:

- Each geographic area, split by postcode out code
- Each charge item within a geographic area
- Number of assets and chargeable days for those assets for each charge band

2.3 Metering Asset Ad Hoc Adjustment Invoice (MAH)

Ad-hoc, or manual adjustments invoice for the provision, maintenance and installation of metering equipment for a given billing period. The file consists of adjustments from:

- One off retrospective charge band changes
- Charges for items from previous billing periods that were not billed for
- Credit charges for items from previous billing periods that were incorrectly billed for
- Debit charges for items from previous billing periods that were incorrectly billed for

This file provides overall total charges and also total charges for:

- Each geographic area, split by postcode out code
- Each charge item within a geographic area
- The original and revised amounts for the affected assets for each charge band

2.4 Metering Asset Standard Adjustment Invoice (MAJ)

Standard, or automated, adjustments invoice for the provision, maintenance and installation of metering equipment for a given billing period. The file consists of adjustments for:

- Retrospective charge band changes
- Charges for items from previous periods that were not billed for
- Credit charges for items from previous billing periods that were incorrectly billed for
- Debit charges for items from previous billing periods that were incorrectly billed for

As well as overall totals, this file provides total charges for:

- Each geographic area, split by postcode out code
- Each charge item within a geographic area
- The original and revised amounts for the affected assets for each charge band

2.5 Asset Works Invoice (AWI)

Invoice for one off work performed on metering equipment for a given billing period. This file supplies details of the total charges for:

- Each geographic area, split by postcode out code
- Each job type within a geographic area
- Each individual job

2.6 Asset Works AdHoc Adjustment Invoice (AWH)

Adjustments for one off work performed on metering equipment. The file consists of adjustments for:

- Jobs not billed in previous billing periods (credit or debit)
- Charges to jobs in previous billing periods
- Interest charges
- Liquidated damages charges
- Liability charges

As well as overall totals, this file provides total charges for:

- Each geographic area, split by postcode out code
- Each job type within a geographic area
- Credit charges for items from previous billing periods that were incorrectly billed for
- Debit charges for items from previous billing periods that were incorrectly billed for.

2.7 Pre-Appointment Liquidated Damages (PALD) Invoice (MFV)

(Faux Rental) Invoice for the provision, maintenance and installation of metering equipment for a given billing period, where a meter is installed by request of the supplier and then no appointment file is received for that asset. This file provides overall total charges and also total charges for:

- Each geographic area, split by postcode out code
- Each charge item within a geographic area
- Number of assets and chargeable days for those assets for each charge band

2.8 Supplementary Back-Up Files – Rental Invoices

In addition to the Invoice files specified, the following supplementary files will be issued in conjunction with the Asset Invoices (MAV & MAJ). The purpose of these back-up files is to provide the Supplier with sufficient information, at MPRN level, to enable Invoice validation and Query submission. The Supplementary Backup files are not RGMA files and therefore are not bound by the same specifications as RGMA files e.g. Supplementary Back-Up Files do not follow the same convention as described in section 1.8 Asset Portfolio Volume 1.

The following table illustrates the mapping between which back up files support which invoice:

Invoice	Supplementary Back up
MAV	MDN, MDC
MAJ	MDA

Asset Daily Count File (MDC)

This file provides a break down by charge band of the number of assets that incurred charges within a geographic area (by postcode out code) on a specific day within a billing period.

Invoice Asset Detail File (MDN)

This file provides meter point level detail of standard charges for the provision, maintenance and installation of metering equipment over a given billing period in a geographic area (by postcode out code).

Invoice Asset Detail File – Adjustments (MDA)

This file provides meter level details of adjustments to charges for provision, maintenance and installation of metering equipment over a given billing period in a geographic area (by postcode out code).

2.9 Supplementary Back-Up Files – PALD Invoice

In addition to the Invoice files specified, the following supplementary files will be issued in conjunction with the Pre-Appointment Liquidated Damages (PALD) Invoice (MFV). The purpose of these back-up files is to provide the Supplier with sufficient information, at MPRN level, to enable Invoice validation and Query submission.

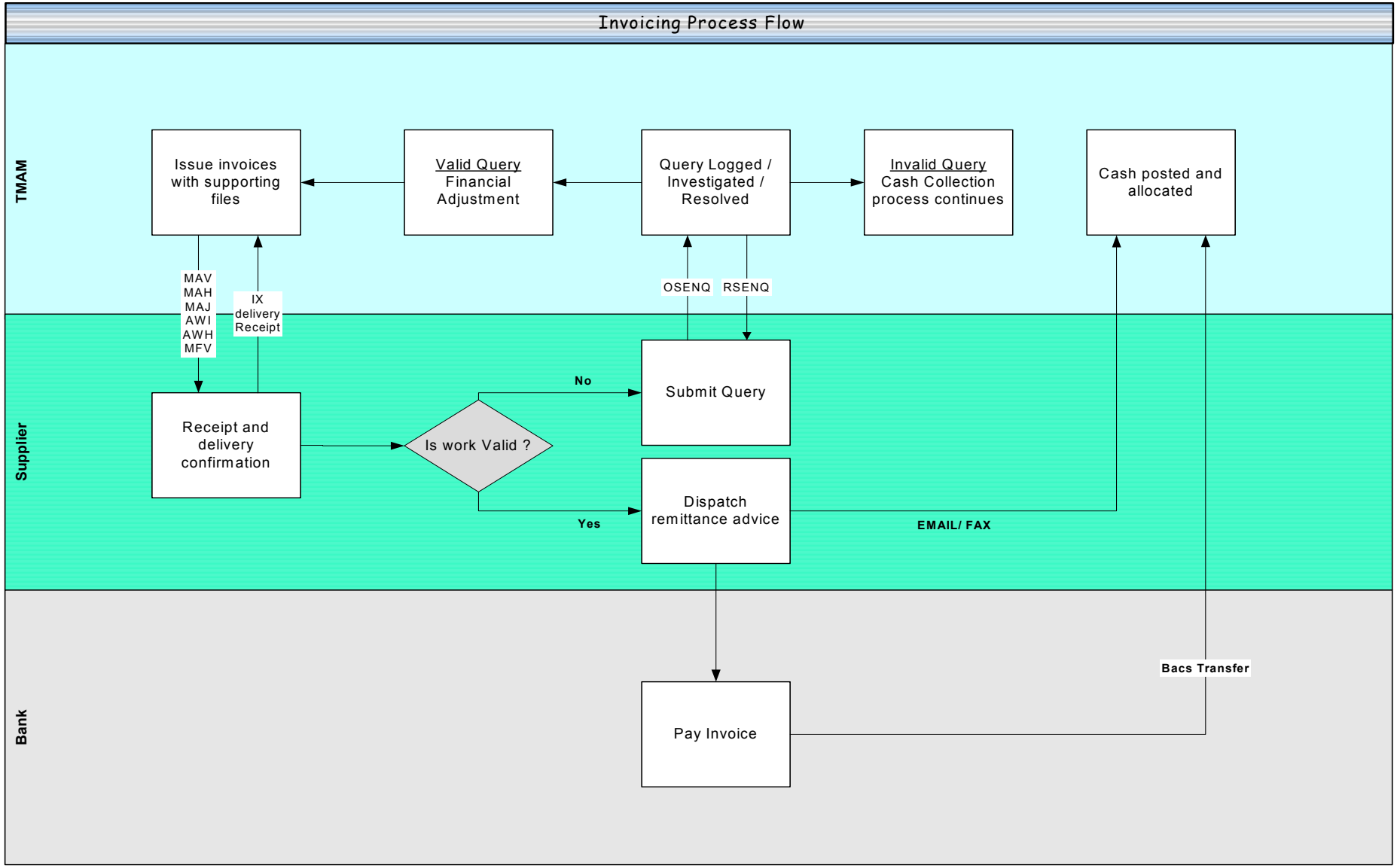
PALD Asset Daily Count File (MFC)

This file provides a break down by charge band of the number of assets that incurred charges within a geographic area (by postcode out code) on a specific day within a billing period.

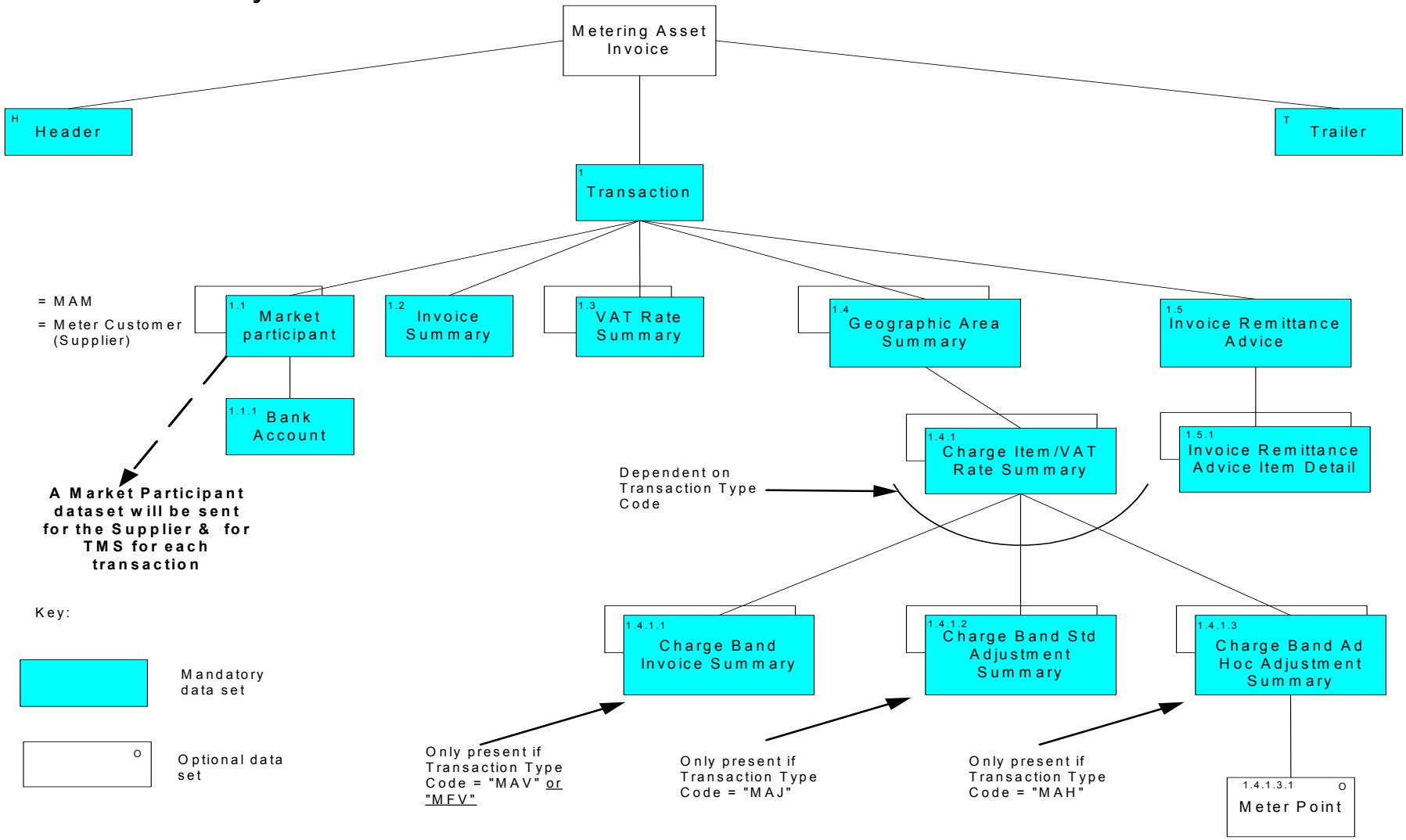
PALD Invoice Asset Detail File (MFN)

This file provides meter point level detail of standard charges for the provision, maintenance and installation of metering equipment over a given billing period in a geographic area (by postcode out code).

2.10 Invoicing Process Flow Diagram



2.11 Metering Asset Rental Invoices (MAV, MAJ, MAH) & Pre-Appointment Liquidated Damages Invoice (MFV) Hierarchy



2.12 Metering Asset Invoice & Pre-Appointment Liquidated Damages Invoice File Format

1 Transaction		1 to 1 (per File)		***Mandatory Record***			
Attribute Number	Optional or Mandatory	Field Length	Field Format	Description	Key	Rules	MDD or TDD
A0177	M	5	Char	Record Identifier		**TRANS**	MDD
A0055	M	15	Char	Transaction Reference	*	Contains Invoice Reference (currently, file generation number is used)	
A0056	M	210	Char	Transaction Comment	*	Indicates whether the invoice file is an original or a copy. Contains either 'Original' or 'Copy'.	
A0053	O	25	Char	Contract Reference			
A0144	M	5	Char	Transaction Type Code	*	Indicates that the transaction is a Metering Asset/Pre-Appointment Liquidated Damages Invoice Contains one of the following values, indicating the type of invoice detailed within the file: "MAV" i.e. Metering Asset Invoice "MAJ" i.e. Metering Asset Standard Adjustment Invoice "MAH" i.e. Metering Asset Ad Hoc Adjustment Invoice "MFV" i.e. Pre-Appointment Liquidated Damages (PALD)Invoice	TDD
A0167	X	5	Char	Transaction Type Reason Code			MDD
A0058	X	15	Char	Cross-Ref Other Internal Job Reference			
A0122	X	15	Char	Cross-Ref Other External Job Reference			
A0142	X	5	Char	Transaction Status Code			MDD
A0057	X	5	Char	Transaction Status Change Reason			
A0161	X	1	Char	Market Sector Code			MDD
A0166	X	8	Date	Date of Notice			
A0068	X	5	Char	Registration Body			
A0069	X	20	Char	Registration Reference			
A0081	X	8	Date	Effective From Date			
A0082	X	8	Date	Effective To Date			
1.1 Market Participant		2 (per Transaction)		***Mandatory Record***			
Attribute Number	Optional or Mandatory	Field Length	Field Format	Description	Key	Rules	MDD or TDD

A0177	M	5	Char	Record Identifier		**MKPRT**	MDD
A0126	M	5	Char	Role Code	*	= Meter Customer (Supplier) or MAM.	MDD
A0064	M	3	Char	Market Participant Abbreviated name			
A0065	M	50	Char	Market Participant Name			
A0063	M	3	Char	Market Participant Short Code			
T0300	M	9	Integer	VAT Registration Number	*		

1.1.1 Bank Account		1 to 1 (per Market Participant)		***Mandatory Record***			
Attribute Number	Optional or Mandatory	Field Length	Field Format	Description	Key	Rules	MDD or TDD
A0177	M	5	Char	Record Identifier		**BNKAC**	TDD
T0302	M	6	Integer	Sort Code			
T0303	M	8	Integer	Account Code			
T0304	C	30	Char	Account Name	*	Mandatory where parent Market Participant = MAM, otherwise not used	

1.2 Invoice Summary		1 to 1 (per Transaction)		***Mandatory Record***			
Attribute Number	Optional or Mandatory	Field Length	Field Format	Description	Key	Rules	MDD or TDD
A0177	M	5	Char	Record Identifier		**INSUM**	TDD
T0306	M	8	Date	Billing Period Start Date			
T0307	M	8	Date	Billing Period End Date			
T0308	M	200	Char	Payment Terms And Contract Text Part One			
T0309	O	200	Char	Payment Terms And Contract Text Part Two			
T0310	M	8	Date	Tax Point Date			
T0311	M	15,2	Number	Debit Amount			
T0312	M	15,2	Number	Debit VAT Amount			
T0313	M	15,2	Number	Debit Total Amount			
T0314	M	15,2	Number	Credit Amount			
T0315	M	15,2	Number	Credit VAT Amount			
T0316	M	15,2	Number	Credit Total Amount			
T0317	M	15,2	Number	VAT Charged To Transco Metering			

1.3 VAT Rate Summary		1 to many (per Transaction)		***Mandatory Record*** **Note:** VAT Rate Data Sets will appear in the file in ascending VAT Rate sequence.			
Attribute Number	Optional or Mandatory	Field Length	Field Format	Description	Key	Rules	MDD or TDD
A0177	M	5	Char	Record Identifier		**INVAT**	TDD
T0319	M	5,2	Number	VAT Rate			
T0320	M	15,2	Number	Debit Amount			
T0321	M	15,2	Number	Debit VAT Amount			
T0322	M	15,2	Number	Debit Total Amount			
T0323	M	15,2	Number	Credit Amount			
T0324	M	15,2	Number	Credit VAT Amount			
T0325	M	15,2	Number	Credit Total Amount			
T0326	M	15,2	Number	VAT Charged To Transco Metering			

1.4 Geographic Area Summary		1 to many (per Transaction)		***Mandatory Record***			
Attribute Number	Optional or Mandatory	Field Length	Field Format	Description	Key	Rules	MDD or TDD
A0177	M	5	Char	Record Identifier		**INGSM**	TDD
T0328	M	6	Char	Geographic Area			
T0329	M	10	Number	Geographic Area Invoice Reference			
T0330	M	15,2	Number	Debit Amount			
T0331	M	15,2	Number	Debit VAT Amount			
T0332	M	15,2	Number	Debit Total Amount			
T0333	M	15,2	Number	Credit Amount			
T0334	M	15,2	Number	Credit VAT Amount			
T0335	M	15,2	Number	Credit Total Amount			
T0336	M	15,2	Number	VAT Charged To Transco Metering			

1.4.1 Charge Item/VAT Rate Summary		1 to many (per Geographic Area Summary)		***Mandatory Record***			
Attribute Number	Optional or Mandatory	Field Length	Field Format	Description	Key	Rules	MDD or TDD
A0177	M	5	Char	Record Identifier		**INIVS**	TDD
T0338	M	1	Char	Charge Item	*	Values: P (Provision), I (Installation), M (Maintenance). X (Other)	TDD
T0319	M	5,2	Number	VAT Rate			
T0340	M	15,2	Number	Debit Amount			
T0341	M	15,2	Number	Debit VAT Amount			
T0342	M	15,2	Number	Debit Total Amount			
T0343	M	15,2	Number	Credit Amount			
T0344	M	15,2	Number	Credit VAT Amount			
T0345	M	15,2	Number	Credit Total Amount			

1.4.1.1 Charge Band Invoice Summary		1 to many (per Charge Item/VAT Rate Summary)		***Mandatory Record where Transaction Type = "MAV" or "MFV"***			
Attribute Number	Optional or Mandatory	Field Length	Field Format	Description	Key	Rules	MDD or TDD
A0177	M	5	Char	Record Identifier		**INBSM**	TDD

T0347	M	18	Char	Charge Band			
T0348	M	6	Integer	Invoice Line Number			
T0349	M	15,4	Number	Charge Rate			
T0350	M	8	Date	Charge Applies From Date			
T0351	M	8	Date	Charge Applies To Date			
T0352	M	10	Integer	Chargeable Days			
T0353	M	15,2	Number	Charge Amount			
T0354	M	15,2	Number	Charge VAT Amount			
T0355	M	8	Integer	Charge Volume Count			

1.4.1.2 Charge Band Standard Adjustment Summary		1 to many (per Charge Item/VAT Rate Summary)		***Mandatory Record when Transaction Type = "MAJ"***			
Attribute Number	Optional or Mandatory	Field Length	Field Format	Description	Key	Rules	MDD or TDD
A0177	M	5	Char	Record Identifier		**INBAS**	TDD
T0347	M	18	Char	Charge Band	*	Charge Band will be the original charge band if the original charge/VAT amounts are populated OR the revised charge band if the revised charge/VAT amounts are populated.	
T0348	M	6	Integer	Invoice Line Number			
T0349	M	15,4	Number	Charge Rate			
T0359	M	8	Date	Adjustment Applies From Date			
T0360	M	8	Date	Adjustment Applies To Date			
T0361	M	10	Integer	Chargeable Days			
T0363	O	15,2	Number	Original Charge Amount	*	Original and Revised charge/VAT amounts are mutually exclusive. i.e. Either original charge/VAT amounts or revised charge/VAT amounts will be populated but not both.	
T0364	O	15,2	Number	Original VAT Amount	*	See above.	
T0365	O	15,2	Number	Revised Charge Amount	*	See above.	
T0366	O	15,2	Number	Revised Charge VAT Amount	*	See above.	
T0367	M	15,2	Number	Adjustment Charge Amount			
A0055	O	10	Integer	Original Invoice Reference			
T0329	O	10	Integer	Original Geographic Area Invoice Reference			

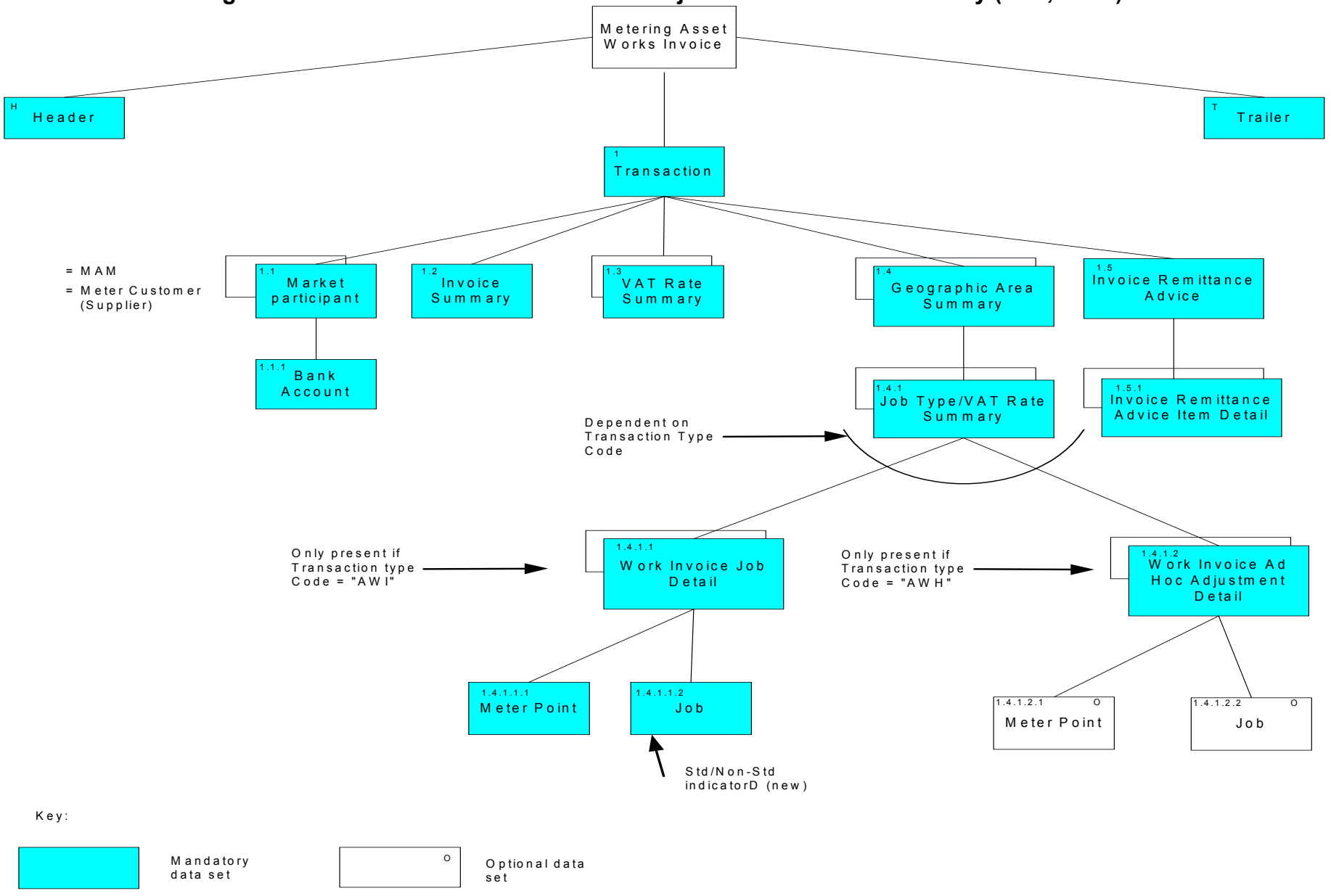
1.4.1.3 Charge Band Ad Hoc Adjustment Summary		1 to many (per Charge Item/VAT Rate Summary)		***Mandatory Record when Transaction Type = "MAH"***			
Attribute Number	Optional or Mandatory	Field Length	Field Format	Description	Key	Rules	MDD or TDD
A0177	M	5	Char	Record Identifier		**INBHS**	TDD
T0347	M	18	Char	Charge Band	*	Charge Band will be the original charge band if the original charge/VAT amounts are populated OR the revised charge band if the revised charge/VAT amounts are populated.	
T0348	M	6	Integer	Invoice Line Number			
T0373	M	100	Char	Adjustment Description			
T0374	M	8	Date	Adjustment Applies From Date			
T0375	M	8	Date	Adjustment Applies To Date			
T0377	O	15,2	Number	Original Charge Amount	*	Original and Revised charge/VAT amounts are mutually exclusive. i.e. Either original charge/VAT amounts or revised charge/VAT amounts will be populated but not both.	
T0378	O	15,2	Number	Original VAT Amount	*	See above.	
T0379	O	15,2	Number	Revised Charge Amount	*	See above.	
T0380	O	15,2	Number	Revised Charge VAT Amount	*	See above.	
T0381	M	15,2	Number	Adjustment Charge Amount			
A0055	O	10	Integer	Original Invoice Reference			
T0329	O	10	Integer	Original Geographic Area Invoice Reference			

1.4.1.3.1 Meter Point		1 (per Transaction)		***Optional Record only on Transaction Type "MAH"***			
Attribute Number	Optional or Mandatory	Field Length	Field Format	Description	Key	Rules	MDD or TDD
A0177	M	5	Char	Record Identifier		**MTPNT**	MDD
A0178	X	5	Char	Data Update Code			MDD
A0072	M	10	Integer	Meter Point Reference Number			
A0076	X	1	Char	Meter Link Code			MDD
A0077	X	2	Char	Meter Point Status			MDD
A0059	X	2	Char	Location Code			MDD
A0157	X	100	Char	Meter Point Location Notes			
A0075	X	210	Char	Access Instructions			
A0074	X	9,6	Number	Conversion Factor			
A0073	X	8	Date	Last Inspection Date			
A0164	X	9,3	Number	Metering Pressure			

1.5 Invoice Remittance Advice		1 to 1 (per Transaction)		***Mandatory Record***			
Attribute Number	Optional or Mandatory	Field Length	Field Format	Description	Key	Rules	MDD or TDD
A0177	M	5	Char	Record Identifier		**INRAD**	TDD
T0385	X	8	Date	Forecast Payment Date			
T0386	M	15,2	Number	Total Amount Payable			

1.5.1 Invoice Remittance Advice Item Detail		1 to many (per Invoice Remittance Advice)		***Mandatory Record***			
Attribute Number	Optional or Mandatory	Field Length	Field Format	Description	Key	Rules	MDD or TDD
A0177	M	5	Char	Record Identifier		**INRID**	TDD
T0329	M	10	Number	Geographic Area Invoice Reference			
T0328	M	6	Char	Geographic Area			
T0390	M	15,2	Number	Total Amount Due			
T0391	X	15,2	Number	Total Amount Paid			
T0392	X	200	Text	Reason Description			

2.13 Metering Asset Works Invoice & Asset Works Adjustments Invoice Hierarchy (AWI, AWH)



2.14 Metering Asset Works Invoice File Format

1 Transaction		1 (per File)		***Mandatory Record***			
Attribute Number	Optional or Mandatory	Field Length	Field Format	Description	Key	Rules	MDD or TDD
A0177	M	5	Char	Record Identifier		**TRANS**	MDD
A0055	M	15	Char	Transaction Reference	*	Contains Invoice Reference (currently, file generation number is used)	
A0056	M	210	Char	Transaction Comment	*	Indicates whether the invoice file is an original or a copy. Contains either 'Original' or 'Copy'.	
A0053	O	25	Char	Contract Reference		Not provided in Invoice files.	
A0144	M	5	Char	Transaction Type Code	*	Indicates that the transaction is a Metering Asset Works Invoice Contains one of the following values, indicating the type of invoice detailed within the file: "AWI" i.e. Asset Works Invoice "AWH" i.e. Asset Works Ad Hoc Adjustment Invoice	TDD
A0167	X	5	Char	Transaction Type Reason Code			MDD
A0058	X	15	Char	Cross-Ref Other Internal Job Reference			
A0122	X	15	Char	Cross-Ref Other External Job Reference			
A0142	X	5	Char	Transaction Status Code			MDD
A0057	X	5	Char	Transaction Status Change Reason			
A0161	X	1	Char	Market Sector Code			MDD
A0166	X	8	Date	Date of Notice			
A0068	X	5	Char	Registration Body			
A0069	X	20	Char	Registration Reference			
A0081	X	8	Date	Effective From Date			
A0082	X	8	Date	Effective To Date			

1.1 Market Participant		2 (per Transaction)		***Mandatory Record***			
Attribute Number	Optional or Mandatory	Field Length	Field Format	Description	Key	Rules	MDD or TDD
A0177	M	5	Char	Record Identifier		**MKPRT**	MDD
A0126	M	5	Char	Role Code	*	= Meter Customer (Supplier) or MAM.	MDD
A0064	M	3	Char	Market Participant Abbreviated name			
A0065	M	50	Char	Market Participant Name			
A0063	M	3	Char	Market Participant Short Code			
T0300	M	9	Integer	VAT Registration Number	*		

1.1.1 Bank Account		1 to 1 (per Market Participant)		***Mandatory Record***			
Attribute Number	Optional or Mandatory	Field Length	Field Format	Description	Key	Rules	MDD or TDD
A0177	M	5	Char	Record Identifier		**BNKAC**	TDD
T0302	M	6	Integer	Sort Code			
T0303	M	8	Integer	Account Code			
T0304	C	30	Char	Account Name	*	Mandatory where parent Market Participant = MAM, otherwise not used	

1.2 Invoice Summary		1 to 1 (per Transaction)		***Mandatory Record***			
Attribute Number	Optional or Mandatory	Field Length	Field Format	Description	Key	Rules	MDD or TDD
A0177	M	5	Char	Record Identifier		**INSUM**	TDD
T0306	M	8	Date	Billing Period Start Date			
T0307	M	8	Date	Billing Period End Date			
T0308	M	200	Char	Payment Terms And Contract Text Part One			
T0309	M	200	Char	Payment Terms And Contract Text Part Two			
T0310	M	8	Date	Tax Point Date			
T0311	M	15,2	Number	Debit Amount			
T0312	M	15,2	Number	Debit VAT Amount			
T0313	M	15,2	Number	Debit Total Amount			
T0314	M	15,2	Number	Credit Amount			
T0315	M	15,2	Number	Credit VAT Amount			
T0316	M	15,2	Number	Credit Total Amount			
T0317	M	15,2	Number	VAT Charged To Transco Metering			

1.3	1 to many (per	***Mandatory Record***

VAT Rate Summary		Transaction)		**Note:** VAT Rate Data Sets will appear in the file in ascending VAT Rate sequence.			
Attribute Number	Optional or Mandatory	Field Length	Field Format	Description	Key	Rules	MDD or TDD
A0177	M	5	Char	Record Identifier		**INVAT**	TDD
T0319	M	5,2	Number	VAT Rate			
T0320	M	15,2	Number	Debit Amount			
T0321	M	15,2	Number	Debit VAT Amount			
T0322	M	15,2	Number	Debit Total Amount			
T0323	M	15,2	Number	Credit Amount			
T0324	M	15,2	Number	Credit VAT Amount			
T0325	M	15,2	Number	Credit Total Amount			
T0326	M	15,2	Number	VAT Charged To Transco Metering			

1.4 Geographic Area Summary		1 to many (per Transaction)		***Mandatory Record***			
Attribute Number	Optional or Mandatory	Field Length	Field Format	Description	Key	Rules	MDD or TDD
A0177	M	5	Char	Record Identifier		**INGSM**	TDD
T0328	M	6	Char	Geographic Area			
T0329	M	10	Number	Geographic Area Invoice Reference			
T0330	M	15,2	Number	Debit Amount			
T0331	M	15,2	Number	Debit VAT Amount			
T0332	M	15,2	Number	Debit Total Amount			
T0333	M	15,2	Number	Credit Amount			
T0334	M	15,2	Number	Credit VAT Amount			
T0335	M	15,2	Number	Credit Total Amount			
T0336	M	15,2	Number	VAT Charged To Transco Metering			

1.4.1 Job Type/VAT Rate Summary		1 to many (per Geographic Area Summary)		***Mandatory Record***			
Attribute Number	Optional or Mandatory	Field Length	Field Format	Description	Key	Rules	MDD or TDD
A0177	M	5	Char	Record Identifier		**INJVS**	TDD
T0401	M	18	Char	Job Type	*	e.g. "FIX XX CR"	
T0319	M	5,2	Number	VAT Rate			
T0403 T0404	M M	15,2 15,2	Number Number	Debit Amount Debit VAT Amount			
T0405	M	15,2	Number	Debit Total Amount			
T0406	M	15,2	Number	Credit Amount			
T0407	M	15,2	Number	Credit VAT Amount			
T0408	M	15,2	Number	Credit Total Amount			

1.4.1.1 Work Invoice Job Detail		1 to many (per Job Type/VAT Rate Summary)		***Mandatory Record when Transaction Type = "AWI"***			
Attribute Number	Optional or Mandatory	Field Length	Field Format	Description	Key	Rules	MDD or TDD
A0177	M	5	Char	Record Identifier		**INJBD**	TDD
T0348	M	6	Integer	Invoice Line Number			
T0411	M	15,2	Number	Charge Amount			
T0412	M	15,2	Number	Charge VAT Amount			

1.4.1.1.1 Meter Point		1 to 1 (per Work Invoice Job Detail)		***Mandatory Record when Transaction Type = "AWI"*** **Note:** the Meter Point and Job data sets are mutually inclusive for works and adhoc adjustments. i.e. when Meter Point is present in the file then Job will also be present.			
Attribute Number	Optional or Mandatory	Field Length	Field Format	Description	Key	Rules	MDD or TDD
A0177	M	5	Char	Record Identifier		**MTPNT**	MDD
A0178	X	5	Char	Data Update Code			MDD
A0072	M	10	Integer	Meter Point Reference Number			
A0076	X	1	Char	Meter Link Code			MDD
A0077	X	2	Char	Meter Point Status			MDD
A0059	X	2	Char	Location Code			MDD
A0157	X	100	Char	Meter Point Location Notes			
A0075	X	210	Char	Access Instructions			
A0074	X	9,6	Numbe r	Conversion Factor			
A0073	X	8	Date	Last Inspection Date			
A0164	X	9,3	Numbe r	Metering Pressure			

1.4.1.1.2 Job		1 to 1 (per Work Invoice Job Detail)		***Mandatory Record when Transaction Type = "AWI"*** **Note:** the Meter Point and Job data sets are mutually inclusive for works and adhoc adjustments. i.e. when Meter Point is present in the file then Job will also be present.			
Attribute Number	Optional or Mandatory	Field Length	Field Format	Description	Key	Rules	MDD or TDD
A0177	M	5	Char	Record Identifier		**JOBIN**	TDD
A0054	X	8	Integer	Job Id			
A0055	M	15	Char	Transaction Reference			
A0056	X	210	Char	Job Comment			
A0057	X	5	Char	Work Status Change Reason			
A0058	X	15	Char	Cross-Ref Other Internal Job Reference			
A0122	X	15	Char	Cross-Ref Other External Job Reference			
A0166	X	8	Date	Date of Notice			
T0427	M	1	Char	Standard Or Non-	*	Values:	

				Standard Indicator		"S" = Standard "N" = Non-Standard	
T0428	M	8	Date	Job Date	*		
T0429	O	12	Integer	TMS Job Reference	*		

1.4.1.2 Work Invoice Ad Hoc Adjustment Detail		1 to many (per Job Type/VAT Rate Summary)		***Mandatory Record when Transaction Type = "AWH"***			
Attribute Number	Optional or Mandatory	Field Length	Field Format	Description	Key	Rules	MDD or TDD
A0177	M	5	Char	Record Identifier		**INJHA**	TDD
T0348	M	6	Integer	Invoice Line Number			
T0417	M	100	Text	Adjustment Description			
T0419	O	15,2	Number	Original Charge Amount	*	Original and Revised charge/VAT amounts are mutually exclusive. i.e. either original charge/VAT amounts or revised charge/VAT amounts will be populated but not both	
T0420	O	15,2	Number	Original VAT Amount	*	See above.	
T0421	O	15,2	Number	Revised Charge Amount	*	See above.	
T0422	O	15,2	Number	Revised Charge VAT Amount	*	See above.	
T0423	M	15,2	Number	Adjustment Charge Amount			
A0055	O	10	Integer	Original Invoice Reference			
T0329	O	10	Integer	Original Geographic Area Invoice reference			
T0426	O	10,2	Number	Quantity			

1.4.1.2.1 Meter Point		1 to 1 (per Work Invoice Adhoc adjustment detail)		***Optional Record when Transaction Type = "AWH"*** **Note:** the Meter Point and Job data sets are mutually inclusive for works and adhoc adjustments. i.e. when Meter Point is present in the file then Job will also be present.			
Attribute Number	Optional or Mandatory	Field Length	Field Format	Description	Key	Rules	MDD or TDD
A0177	M	5	Char	Record Identifier		**MTPNT**	MDD
A0178	X	5	Char	Data Update Code			MDD
A0072	M	10	Integer	Meter Point Reference Number			
A0076	X	1	Char	Meter Link Code			MDD
A0077	X	2	Char	Meter Point Status			MDD
A0059	X	2	Char	Location Code			MDD
A0157	X	100	Char	Meter Point Location Notes			
A0075	X	210	Char	Access Instructions			
A0074	X	9,6	Number	Conversion Factor			
A0073	X	8	Date	Last Inspection Date			
A0164	X	9,3	Number	Metering Pressure			

1.4.1.2.2 Job		0 to 1 (per Work Invoice Ad Hoc Adjustment Detail)		***Optional Record when Transaction Type = "AWH"*** **Note:** the Meter Point and Job data sets are mutually inclusive for works and adhoc adjustments. i.e. when Meter Point is present in the file then Job will also be present.			
Attribute Number	Optional or Mandatory	Field Length	Field Format	Description	Key	Rules	MDD or TDD
A0177	M	5	Char	Record Identifier		JOBIN	TDD
A0054	X	8	Integer	Job Id			
A0055	O	15	Char	Transaction Reference			
A0056	X	210	Char	Job Comment			
A0057	X	5	Char	Work Status Change Reason			
A0058	X	15	Char	Cross-Ref Other Internal Job Reference			
A0122	X	15	Char	Cross-Ref Other External Job Reference			
A0166	X	8	Date	Date of Notice			
T0427	M	1	Char	Standard Or Non-Standard Indicator	*	Values: "S" = Standard "N" = Non-Standard	
T0428	O	8	Date	Job Date			
T0429	O	12	Integer	TMS Job Reference	*		

1.5 Invoice Remittance Advice		1 to 1 (per Transaction)		***Mandatory Record***			
Attribute Number	Optional or Mandatory	Field Length	Field Format	Description	Key	Rules	MDD or TDD
A0177	M	5	Char	Record Identifier		**INRAD**	TDD
T0385	X	8	Date	Forecast Payment Date			
T0386	M	15,2	Number	Total Amount Payable			

1.5.1 Invoice Remittance Advice Item Detail		1 to many (per Invoice Remittance Advice)		***Mandatory Record***			
Attribute Number	Optional or Mandatory	Field Length	Field Format	Description	Key	Rules	MDD or TDD
A0177	M	5	Char	Record Identifier		INRID	TDD
T0329	M	10	Number	Geographic Area Invoice Reference			
T0328	M	6	Char	Geographic Area			
T0390	M	15,2	Number	Total Amount Due			
T0391	X	15,2	Number	Total Amount Paid			
T0392	X	200	Char	Reason Description			

2.15 Supporting Data File Formats

Invoice Asset & Pre-Appointment Liquidated Damages Daily Count Files (MDC & MFC)

Description:

This file provides a break down by charge band of the number of assets that incurred charges within a geographic area on a specific day within a given billing period.

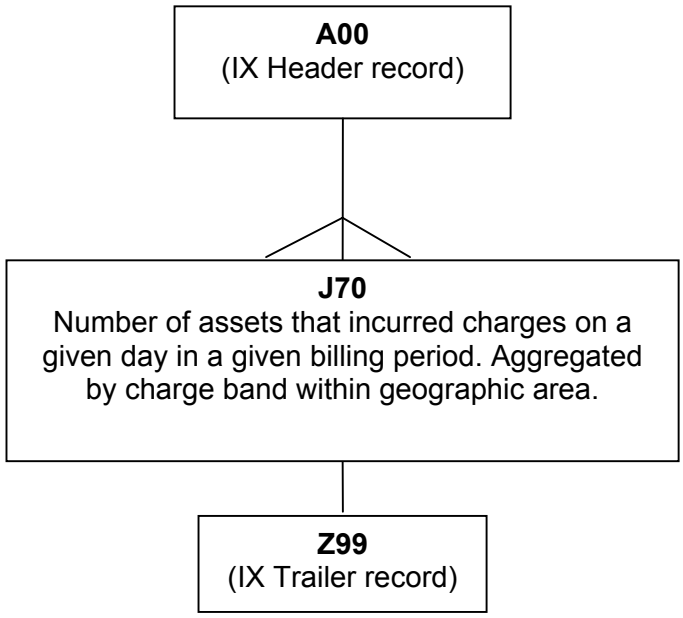
The file will contain 3 different record types: -

Level	Record Name	Occurrences	Optionality
1	hd_a00_standard_header	1	M
1	rt_j70_asset_count_details	up to 25,000	M
1	tr_z99_standard_trailer	1	M

Note 1 OPT Optional, Mandatory.
DOM Domain i.e. Text, Numeric, Date, M timestamp, DEC - Number of decimal places (field lengths are inclusive of decimal places).

Note 2 All numeric values will be positive only unless otherwise specified.

File structure diagram – MDC & MFC



Record Layouts

HD_A00_STANDARD_HEADER

(Standard header for all invoice files sent between MAM and another Organisation)

RECORD/FIELD NAME * OCCURS MAX 1 *	OPT	DOM	LNG	DEC	DESCRIPTION
TRANSACTION_TYPE	M	T	3	0	A code identifying the type of request that this record represents. VALUE: A00
ORGANISATION_ID	M	T	10	0	A reference which uniquely identifies a Customer/Organisation.
FILE_TYPE	M	T	3	0	An application specific code used to identify the structure and the usage of the file. Value 'MDC' or 'MFC'.
CREATION_DATE	M	D	8	0	The date on which the file was generated. Format: YYYYMMDD i.e. The date on which the interface program ran.
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	The IX file generation number which represents an issue of the file from the organisation. The MDA, MDN, MDC, , MFN & MFC files produced by Transco Metering will share a range starting at a value of 500,000. Incremented by one for each subsequent file.
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		*	36		

RT_J70_ASSET_COUNT_DETAILS.

(Asset Daily Counts - Detail record)

RECORD/FIELD NAME * OCCURS MAX 25,000 *	OPT	DOM	LNG	DEC	DESCRIPTION
TRANSACTION_TYPE	M	T	3	0	Identifies the type of request this record represents. VALUE: J70
REPORT_DATE	M	D	8	0	The date that the count of assets relates to. Format: YYYYMMDD
GEOGRAPHIC_AREA	M	T	6	0	Outcode based geographic area that the asset count relates to.
CHARGE_ITEM	M	T	1	0	The type of charge that the asset count relates to. (Values are: 'P' – Provision 'I' – Historic Installation 'M' – Maintenance).
CHARGE_BAND	M	T	18	0	The charge band that the asset count relates to. (Charge band being a unique description of a group of assets that all attract the same prices for metering services. e.g. PRO DOM CR.

CHARGE_VOLUME_COUNT	M	N	8	0	The total number of assets that attracted charges on the REPORT_DATE for the CHARGE_BAND within CHARGE_ITEM in GEOGRAPHIC_AREA.
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		*	44		

TR_Z99_STANDARD_TRAILER

(Standard trailer for all invoice files sent between MAM and another Organisation)

RECORD/FIELD NAME * OCCURS MAX 1 *	OPT	DOM	LNG	DEC	DESCRIPTION
TRANSACTION_TYPE	M	T	3	0	A code identifying the type of request that this record represents. VALUE: Z99
RECORD_COUNT	M	N	10	0	The number of detail records contained within the file. This should not include the Standard Header and Standard Trailer but should include any File Specific Trailers if specified for this file.
			-----		
		*	13		

Invoice Asset & Pre-Appointment Liquidated Damages Detail File – Standard Charges (MDN & MFN)

Description:

This file provides meter point level detail of standard charges for the provision, maintenance and installation of metering equipment over a given billing period in a geographic area.

NB. The current version of this file will only support charge items of P, M and I. Should new charge items be introduced then additional detail fields, similar to those defined for P, M & I, would have to be added to the X03 record.

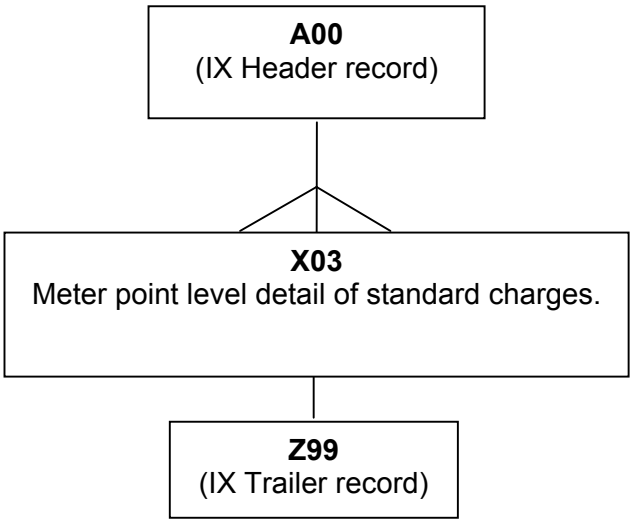
The file will contain 3 different record types: -

Level	Record Name	Occurrences	Optionality
1	hd_a00_standard_header	1	M
2	rt_x03_MPO_standard_charges	up to 3,000,000	M
1	tr_z99_standard_trailer	1	M

Note 1 OPT Optional, Mandatory.
DOM Domain i.e. Text, Numeric, Date, M timestamp, DEC - Number of decimal places (field lengths are inclusive of decimal places).

Note 2 All numeric values will be positive only unless otherwise specified.

File structure diagram – MDN & MFN



Record Layouts

HD_A00_STANDARD_HEADER

(Standard header for all invoice files sent between MAM and another Organisation)

RECORD/FIELD NAME	OPT	DOM	LNG	DEC	DESCRIPTION
* OCCURS MAX 1 *					
TRANSACTION_TYPE	M	T	3	0	A code identifying the type of request that this record represents. VALUE: A00
ORGANISATION_ID	M	T	10	0	A reference which uniquely identifies a Customer/Organisation.
FILE_TYPE	M	T	3	0	An application specific code used to identify the structure and the usage of the file. Value 'MDN' or 'MFN'.
CREATION_DATE	M	D	8	0	The date on which the file was generated. Format: YYYYMMDD i.e. The date on which the interface program ran.
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	The IX file generation number which represents an issue of the file from the organisation. The MDN, MDA, MDC, MFN, & MFC files produced by Transco Metering will share a range starting at a value of 500,000. Incremented by one for each subsequent file.
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		*	36		

RT_X03_MPO_STANDARD_CHARGES.

(Invoice Asset Detail - Invoice detail record)

RECORD/FIELD NAME * OCCURS MAX 3,000,000 *	OPT	DOM	LNG	DEC	DESCRIPTION
TRANSACTION_TYPE	M	T	3	0	Identifies the type of request this record represents. VALUE: 'X03'.
MPO_REFERENCE	M	N	10	0	The Meter Point Reference Number.
POSTCODE	M	T	10	0	The meter points' addresses' post code.
EQUIPMENT_NUMBER	M	T	18	0	The metering equipment's serial 'number'.
DEVICE_CATEGORY	M	T	18	0	A unique identifier that is a combination of the manufacturer's short code (first 3 characters) & a reference number that relates to the asset model's attributes (last 4 characters).
PARENT_GENERATION_NUMBER	C	N	6	0	The IX generation number of the invoice file that contains the aggregated charges for this item of metering equipment. This information will not be provided for dataloggers.
AREA_INVOICE_NUMBER	C	N	10	0	The area invoice file that contains the aggregated charges for this item of metering equipment. This information will not be provided for dataloggers.
GEOGRAPHIC_AREA	M	T	6	0	Outcode based geographic area for which the charges have been applied.
CHARGE_APPLIES_FROM_DATE	M	D	8	0	The start date of the period for which the charges apply. Format: YYYYMMDD
CHARGE_APPLIES_TO_DATE	M	D	8	0	The end date of the period for which the charges apply. Format: YYYYMMDD
CHARGE_DAYS	M	N	2	0	The number of days for which the charges have been applied. i.e. The number of days between the FROM_DATE and END_DATE inclusive.
P_CHARGE_ITEM	O	T	1	0	An indicator to denote that the charge details that follow this field are for provision of the asset. Value: 'P'.
P_CHARGE_BAND	O	T	18	0	A unique description for a grouping of assets that all attract the same price for provision. e.g. Pro Dom Cr.
P_LINE_ITEM_NUMBER	O	N	6	0	The line item within the area invoice that includes the charge for the provision of the asset.
P_CHARGE_RATE	O	N	15	4	The gross rate applicable for the provision related charge band.
P_VAT_RATE	O	N	5	2	The VAT rate applicable to the provision related charge band.
P_AMOUNT_DUE	O	N	15	6	The amount charged for the provision of the charge item. (VAT exclusive)

					Note: Value to 6 decimal places in order to avoid rounding issues as invoice values are aggregated.
P_VAT_AMOUNT_DUE	O	N	16	8	The amount of VAT charged against the P_AMOUNT_DUE. Note: Value to 8 decimal places in order to avoid rounding issues as invoice values are aggregated.
M_CHARGE_ITEM	O	T	1	0	An indicator to denote that the charge details that follow this field are for maintenance of the asset. Value: 'M'.
M_CHARGE_BAND	O	T	18	0	A unique description for a grouping of assets that all attract the same price for maintenance. e.g. Mnt Dom Cr.
M_LINE_ITEM_NUMBER	O	N	6	0	The line item within the area invoice that includes the charge for maintenance of the asset.
M_CHARGE_RATE	O	N	15	4	The gross rate applicable for maintenance related charge band.
M_VAT_RATE	O	N	5	2	The VAT rate applicable to the maintenance related charge band.
M_AMOUNT_DUE	O	N	15	6	The amount charged for the maintenance of the charge item. (VAT exclusive) Note: Value to 6 decimal places in order to avoid rounding issues as invoice values are aggregated.
M_VAT_AMOUNT_DUE	O	N	16	8	The amount of VAT charged against the M_AMOUNT_DUE. Note: Value to 8 decimal places in order to avoid rounding issues as invoice values are aggregated.
I_CHARGE_ITEM	O	T	1	0	An indicator to denote that the charge details that follow this field are for installation of the asset. Value: 'I'.
I_CHARGE_BAND	O	T	18	0	A unique description for a grouping of assets that all attract the same price for installation. e.g. Ins Dom Cr.
I_LINE_ITEM_NUMBER	O	N	6	0	The line item within the area invoice that includes the charge for installation of the asset.
I_CHARGE_RATE	O	N	15	4	The gross rate applicable for the installation related charge band.
I_VAT_RATE	O	N	5	2	The VAT rate applicable to the installation related charge band.
I_AMOUNT_DUE	O	N	15	6	The amount charged for the installation of the charge item. (VAT exclusive) Note: Value to 6 decimal places in order to avoid rounding issues as invoice values are aggregated.
I_VAT_AMOUNT_DUE	O	N	16	8	The amount of VAT charged against the I_AMOUNT_DUE. Note: Value to 8 decimal places in order to avoid rounding issues as invoice values are aggregated.
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		*	327		

TR_Z99_STANDARD_TRAILER

(Standard trailer for all invoice files sent between MAM and another Organisation)

RECORD/FIELD NAME * OCCURS MAX 1 *	OPT	DOM	LNG	DEC	DESCRIPTION
TRANSACTION_TYPE	M	T	3	0	A code identifying the type of request that this record represents. VALUE : Z99
RECORD_COUNT	M	N	10	0	The number of detail records contained within the file. This should not include the Standard Header and Standard Trailer but should include any File Specific Trailers if specified for this file.
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		*	13		

Invoice Asset Detail Files – Adjustments (MDA)

Description:

This file provides meter point level detail of adjustments to charges for the provision, maintenance and installation of metering equipment over a given billing period in a geographic area.

NB. The current version of this file will only support charge items of P, M and I. Should new charge items be introduced then additional detail fields, similar to those defined for P, M & I, would have to be added to the X04 record.

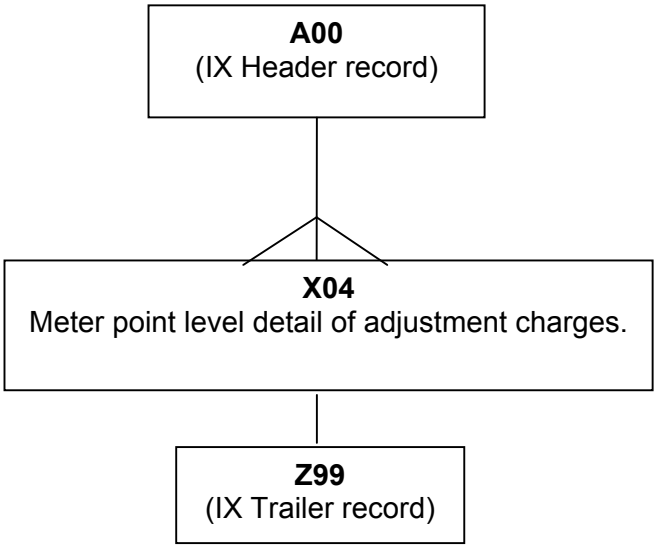
The file will contain 3 different record types: -

Level	Record Name	Occurrences	Optionality
1	hd_a00_standard_header	1	M
2	rt_x04_MPO_adjustment_charges	up to 6,000,000	M
1	tr_z99_standard_trailer	1	M

Note 1 OPT Optional, Mandatory.
DOM Domain i.e. Text, Numeric, Date, M timestamp, DEC - Number of decimal places (field lengths are inclusive of decimal places).

Note 2 All numeric values will be positive only unless otherwise specified.

File structure diagram – MDA



Record Layouts

HD_A00_STANDARD_HEADER

(Standard header for all invoice files sent between MAM and another Organisation)

RECORD/FIELD NAME * OCCURS MAX 1 *	OPT	DOM	LNG	DEC	DESCRIPTION
TRANSACTION_TYPE	M	T	3	0	A code identifying the type of request that this record represents. VALUE: A00
ORGANISATION_ID	M	T	10	0	A reference which uniquely identifies a Customer/Organisation.
FILE_TYPE	M	T	3	0	An application specific code used to identify the structure and the usage of the file. Value 'MDA'
CREATION_DATE	M	D	8	0	The date on which the file was generated. Format: YYYYMMDD i.e. The date on which the interface program ran.
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	The IX file generation number which represents an issue of the file from the organisation. The MDA, MDN, MDC, MFN & MFC files produced by Transco Metering will share a range starting at a value of 500,000. Incremented by one for each subsequent file.
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		*	36		

RT_X04_MPO_ADJUSTMENT_CHARGES.

(Invoice Asset Detail – Adjustment Detail Record)

RECORD/FIELD NAME	OPT	DOM	LNG	DEC	DESCRIPTION

* OCCURS MAX 6,000,000 *

TRANSACTION_TYPE	M	T	3	0	Identifies the type of request this record represents. VALUE: 'X04'.
MPO_REFERENCE	M	N	10	0	The Meter Point Reference Number.
POSTCODE	M	T	10	0	The meter points' addresses' post code.
EQUIPMENT_NUMBER	M	T	18	0	The metering equipment's serial number.
DEVICE_CATEGORY	M	T	18	0	A unique identifier that is a combination of the manufacturer's short code (first 3 characters) & a reference number that relates to the asset model's attributes (last 4 characters).
PARENT_GENERATION_NUMBER	C	N	6	0	The IX generation number of the invoice file that contains the aggregated adjustment charges detailed in this record for this item of metering equipment. This information will not be provided for dataloggers.
AREA_INVOICE_NUMBER	C	N	10	0	The area invoice file that contains the aggregated adjustment charges detailed in this record. This information will not be provided for dataloggers.
ADJUSTMENT_FROM_DATE	M	D	8	0	The start date of the period for which the adjustment charges apply. Format: YYYYMMDD
ADJUSTMENT_TO_DATE	M	D	8	0	The end date of the period for which the adjustment charges apply. Format: YYYYMMDD
CHARGE_DAYS	O	N	2	0	The number of days for which the adjustment charges have been applied. i.e. The number of days between ADJUSTMENT_FROM_DATE and ADJUSTMENT_END_DATE inclusive.
GEOGRAPHIC_AREA	M	T	6	0	Outcode based geographic area for which the adjustment charges have been applied.
ORIGINAL _GENERATION_NUMBER	O	N	6	0	The IX generation number of the invoice file that contained the original aggregated charges for this item of metering equipment.
ORIGINAL_AREA_INVOICE_NUMBER	O	N	10	0	The area invoice file that contained the original aggregated charges for this item of metering equipment.
PO_CHARGE_ITEM	O	T	1	0	When present (i.e. value 'P') denotes that the next 6 fields in the record will be populated with details of the original invoiced provision charges.
PO_CHARGE_BAND	O	T	18	0	The charge band that the original charges for provision were attributed to.
PO_LINE_ITEM_NUMBER	O	N	6	0	The line item within the area invoice that included the original charge for provision.
PO_CHARGE_RATE	O	N	15	4	The original gross rate (VAT exclusive) that was applicable for

					the original provision related charge band.
PO_VAT_RATE	O	N	5	2	The original VAT rate that was applicable to the original provision related charge band.
PO_AMOUNT_DUE	O	N	15	6	The original amount due for the provision charge item. (VAT exclusive) Note: Value to 6 decimal places in order to avoid rounding issues as invoice values are aggregated.
PO_VAT_AMOUNT_DUE	O	N	16	8	The original amount of VAT charged against the PO_AMOUNT_DUE. Note: Value to 8 decimal places in order to avoid rounding issues as invoice values are aggregated.
PR_CHARGE_ITEM	O	T	1	0	When present (i.e. value 'P') denotes that the next 6 fields in the record will be populated with details of the revised provision charges.
PR_CHARGE_BAND	O	T	18	0	The charge band that the revised charges for provision are attributed to.
PR_LINE_ITEM_NUMBER	O	N	6	0	The line item within the area invoice that includes the revised charge for provision.
PR_CHARGE_RATE	O	N	15	4	The revised gross rate (VAT exclusive) that is applicable for the revised provision related charge band.
PR_VAT_RATE	O	N	5	2	The revised VAT rate that is applicable to the revised provision related charge band.
PR_AMOUNT_DUE	O	N	15	6	The revised amount due for the provision charge item. (VAT exclusive) Note: Value to 6 decimal places in order to avoid rounding issues as invoice values are aggregated.
PR_VAT_AMOUNT_DUE	O	N	16	8	The revised amount of VAT charged against the PR_AMOUNT_DUE. Note: Value to 8 decimal places in order to avoid rounding issues as invoice values are aggregated.
MO_CHARGE_ITEM	O	T	1	0	When present (i.e. value 'M') denotes that the next 6 fields in the record will be populated with details of the original invoiced maintenance charges.
MO_CHARGE_BAND	O	T	18	0	The charge band that the original charges for maintenance were attributed to.
MO_LINE_ITEM_NUMBER	O	N	6	0	The line item within the area invoice that included the original charge for maintenance.
MO_CHARGE_RATE	O	N	15	4	The original gross rate (VAT exclusive) that was applicable for the original maintenance related charge band.
MO_VAT_RATE	O	N	5	2	The original VAT rate that was applicable to the original maintenance related charge band.

MO_AMOUNT_DUE	O	N	15	6	The original amount due for the maintenance charge item. (VAT exclusive) Note: Value to 6 decimal places in order to avoid rounding issues as invoice values are aggregated.
MO_VAT_AMOUNT_DUE	O	N	16	8	The original amount of VAT charged against the MO_AMOUNT_DUE. Note: Value to 8 decimal places in order to avoid rounding issues as invoice values are aggregated.
MR_CHARGE_ITEM	O	T	1	0	When present (i.e. value 'M') denotes that the next 6 fields in the record will be populated with details of the revised maintenance charges.
MR_CHARGE_BAND	O	T	18	0	The charge band that the revised charges for maintenance are attributed to.
MR_LINE_ITEM_NUMBER	O	N	6	0	The line item within the area invoice that includes the revised charge for maintenance.
MR_CHARGE_RATE	O	N	15	4	The revised gross rate (VAT exclusive) that is applicable for the revised maintenance related charge band.
MR_VAT_RATE	O	N	5	2	The revised VAT rate that is applicable to the revised maintenance related charge band.
MR_AMOUNT_DUE	O	N	15	6	The revised amount due for the maintenance charge item. (VAT exclusive) Note: Value to 6 decimal places in order to avoid rounding issues as invoice values are aggregated.
MR_VAT_AMOUNT_DUE	O	N	16	8	The revised amount of VAT charged against the MR_AMOUNT_DUE. Note: Value to 8 decimal places in order to avoid rounding issues as invoice values are aggregated.
IO_CHARGE_ITEM	O	T	1	0	When present (i.e. value 'I') denotes that the next 6 fields in the record will be populated with details of the original invoiced installation charges.
IO_CHARGE_BAND	O	T	18	0	The charge band that the original charges for installation were attributed to.
IO_LINE_ITEM_NUMBER	O	N	6	0	The line item within the area invoice that included the original charge for installation.
IO_CHARGE_RATE	O	N	15	4	The original gross rate (VAT exclusive) that was applicable for the original installation related charge band.
IO_VAT_RATE	O	N	5	2	The original VAT rate that was applicable to the original installation related charge band.
IO_AMOUNT_DUE	O	N	15	6	The original amount due for the installation item. (VAT exclusive) Note: Value to 6 decimal places in order to avoid rounding issues as invoice values are aggregated.
IO_VAT_AMOUNT_DUE	O	N	16	8	The original amount of VAT charged against the IO_AMOUNT_DUE.

					Note: Value to 8 decimal places in order to avoid rounding issues as invoice values are aggregated.
IR_CHARGE_ITEM	O	T	1	0	When present (i.e. value 'I') denotes that the next 6 fields in the record will be populated with details of the revised installation charges.
IR_CHARGE_BAND	O	T	18	0	The charge band that the revised charges for installation are attributed to.
IR_LINE_ITEM_NUMBER	O	N	6	0	The line item within the area invoice that includes the revised charge for installation.
IR_CHARGE_RATE	O	N	15	4	The revised gross rate (VAT exclusive) that is applicable for the revised installation related charge band.
IR_VAT_RATE	O	N	5	2	The revised VAT rate that is applicable to the revised installation related charge band.
IR_AMOUNT_DUE	O	N	15	6	The revised amount due for the installation charge item. (VAT exclusive) Note: Value to 6 decimal places in order to avoid rounding issues as invoice values are aggregated.
IR_VAT_AMOUNT_DUE	O	N	16	8	The revised amount of VAT charged against the IR_AMOUNT_DUE. Note: Value to 8 decimal places in order to avoid rounding issues as invoice values are aggregated.

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TR_Z99_STANDARD_TRAILER

(Standard trailer for all invoice files sent between MAM and another Organisation)

RECORD/FIELD NAME * OCCURS MAX 1 *	OPT	DOM	LNG	DEC	DESCRIPTION
TRANSACTION_TYPE	M	T	3	0	A code identifying the type of request that this record represents. VALUE: Z99
RECORD_COUNT	M	N	10	0	The number of detail records contained within the file. This should not include the Standard Header and Standard Trailer but should include any File Specific Trailers if specified for this file.
			-----		
			* 13		

3 Appendix

3.1 Query Fax Template

TRANSCO ONLY
Date Received:
Ref:

Supplier Information	
Supplier name or short code:	Supplier Ref:
Enquiry Originator(Name of person):	Date of submission:
	Transaction Type Code:
Phone No:	Enquiry Code:

Consumer Details	Daytime Contact Number:
Name:	Evening Contact Number:
Access Instructions:	
Special End User category Information:	

Enquiry Detail		
MPRN(or MPRNs for CRO or REP Queries):		Priority:
Job Address		Explanation Details:
Property No:		
Property Name:		
Street Name:		
District:		
Postal Town:		
Postcode:		

Invoice Detail	
Invoice Number:	Adjustment Number:
Line Item Number:	Amount in Dispute:
Parent Generation Number:	Withheld Amount:

Work Detail	
TMS Quote/Job Ref:	Supplier Quote/Job Ref:

Optional Information

MPRN	**Meter Serial No.**	**Meter Type**	**Meter Model**	**Meter Mechanism**	Meter Manufacturer	**Year of Manufacture**

Other Comments:	

Signed:……. Print Name:…….

3.2 Invoice Examples

Metering Asset Invoice (MAV)

Header

record identifier	file type	market participant abbreviated name	originator role code	market participant abbreviated name	recipient role code	created date	created time	file identifier	file usage code	record count	transaction count
HEADR	MAV	GTM	MAM	ABC	SUP	20030416	091530	PN950000	PRDCT	42	1

i.e. "HEADR","MAV","GTM","MAM","ABC","SUP",20030416,"091530","PN950000","PRDCT",42,1

1. Transaction

record identifier	transaction reference	transaction comment	contract reference	transaction type code	transaction type reason code	cross ref other internal job reference	cross ref other external job reference	transaction status code	transaction status change reason	market sector code	date of notice	registration body	registration reference	effective from date	effective to date
TRANS	950000	Original	<blank> *optional*	MAV	<blank>	<blank>	<blank>	<blank>	<blank>	<blank>	<blank>	<blank>	<blank>	<blank>	<blank>

i.e. "TRANS",950000,"ORIGINAL",,"MAV","","","","","","","",,"","",,

1.1 Market Participant

record identifier	role code	market participant abbreviated name	market participant name	market participant short code	VAT registration number
MKPRT	MAM	GTM	Transco	GTM	547863011

i.e. "MKPRT","MAM","GTM","Transco","GTM",547863011

1.1.1 Bank Account

record identifier	sort code	account code	account name
BNKAC	207762	20615919	Barclays Bank plc

i.e. "BNKAC",207762,20615919,"Barclays Bank plc"

1.1 Market Participant

record identifier	role code	market participant abbreviated name	market participant name	market participant short code	VAT registration number
MKPRT	SUP	ABC	ABC Gas	ABC	987654321

i.e. "MKPRT","SUP","ABC","ABC Gas","ABC",987654321

1.1.1 Bank Account

record identifier	sort code	account code	account name
BNKAC	115544	12345685	<blank> *conditional*

i.e. "BNKAC",115544,12345685,""

1.2 Invoice Summary

record identifier	billing period start date	billing period end date	payment terms & contract text part 1	payment terms & contract text part 2	tax point date	debit amount	debit VAT amount	debit total amount	credit amount	credit VAT amount	credit total amount	VAT charged to Transco Metering
INSUM	20030301	20030331	payment terms are as per the contract	text *optional*	20030416	496.03	86.80	582.83	0.00	0.00	0.00	86.80

i.e. "INSUM",20030301,20030331,"payment terms are as per the contract","",20030416,496.03,86.80,582.83,0.00,0.00,0.00,86.80

1.3 VAT Rate Summary

record identifier	VAT rate	debit amount	debit VAT amount	debit total amount	credit amount	credit VAT amount	credit total amount	VAT charge to Transco Metering
INVAT	17.50	496.03	86.80	582.83	0.00	0.00	0.00	86.80

i.e. "INVAT",17.50,496.03,86.80,582.83,0.00,0.00,0.00,86.80

1.4 Geographic Area Summary

record identifier	geographic area	geographic area invoice reference	debit amount	debit VAT amount	debit total amount	credit amount	credit VAT amount	credit total amount	VAT charge to Transco Metering
INGSM	A614	3000006	94.51	16.54	111.05	0.00	0.00	0.00	16.54

i.e. "INGSM","A614",3000006,94.51,16.54,111.05,0.00,0.00,0.00,16.54

1.4.1 Charge Item/VAT Rate Summary

record identifier	charge item	VAT rate	debit amount	debit VAT amount	debit total amount	credit amount	credit VAT amount	credit total amount
INIVS	I	17.50	56.86	9.95	66.81	0.00	0.00	0.00

i.e. "INIVS","I",17.50,56.86,9.95,66.81,0.00,0.00,0.00

1.4.1.1 Charge Band Invoice Summary

record identifier	charge band	invoice line number	charge rate	charge applies from date	charge applies to date	chargeable days	charge amount	charge vat amount	charge volume count
INBSM	INS DOM CR	1	1.2508	20030301	20030331	62	0.78	0.14	2
INBSM	INS DOM PP	2	1.2508	20030301	20030331	93	1.16	0.20	3

INBSM	INS DIA 01	3	3.5830	20030301	20030331	31	1.11	0.19	1
INBSM	INS ROT 03	4	43.3927	20030301	20030331	124	53.81	9.42	4

i.e. "INBSM","INS DOM CR",1,1.2508,20030301,20030331,62,0.78,0.14,2

"INBSM","INS DOM PP",2,1.2508,20030301,20030331,93,1.16,0.20,3 etc...

1.4.1 Charge Item/VAT Rate Summary

record identifier	charge item	VAT rate	debit amount	debit VAT amount	debit total amount	credit amount	credit VAT amount	credit total amount
INIVS	M	17.50	8.15	1.43	9.58	0.00	0.00	0.00

i.e. "INIVS","M",17.50,8.15,1.43,9.58,0.00,0.00,0.00

1.4.1.1 Charge Band Invoice Summary

record identifier	charge band	invoice line number	charge rate	charge applies from date	charge applies to date	chargeable days	charge amount	charge vat amount	charge volume count
INBSM	MNT DOM CR	5	0.1354	20030301	20030331	93	0.13	0.02	3
INBSM	MNT DOM PP	6	2.5528	20030301	20030331	31	0.79	0.14	1
INBSM	MNT DIA 01	7	0.1635	20030301	20030331	124	0.20	0.04	4
INBSM	MNT ROT 03	8	11.3319	20030301	20030331	62	7.03	1.23	2

i.e. "INBSM","MNT DOM CR",5,0.1354,20030301,20030331,93,0.13,0.02,3

"INBSM","MNT DOM PP",6,2.5528,20030301,20030331,31,0.79,0.14,1 etc...

1.4.1 Charge Item/VAT Rate Summary

record identifier	charge item	VAT rate	debit amount	debit VAT amount	debit total amount	credit amount	credit VAT amount	credit total amount
INIVS	P	17.50	29.50	5.16	34.66	0.00	0.00	0.00

i.e. "INIVS","P",17.50,29.50,5.16,34.66,0.00,0.00,0.00

1.4.1.1 Charge Band Invoice Summary

record identifier	charge band	invoice line number	charge rate	charge applies from date	charge applies to date	chargeable days	charge amount	charge vat amount	charge volume count
INBSM	PRO DOM CR	9	2.1503	20030301	20030331	93	2.00	0.35	3
INBSM	PRO DOM PP	10	4.0512	20030301	20030331	31	1.26	0.22	1
INBSM	PRO DIA 01	11	6.3967	20030301	20030331	124	7.93	1.39	4
INBSM	PRO ROT 03	12	29.5386	20030301	20030331	62	18.31	3.20	2

i.e. "INBSM","PRO DOM CR",9,2.1503,20030301,20030331,93,2.00,0.35,3

"INBSM","PRO DOM PP",10,4.0512,20030301,20030331,31,1.26,0.22,1 etc...

1.4 Geographic Area Summary

record identifier	geographic area	geographic area invoice reference	debit amount	debit VAT amount	debit total amount	credit amount	credit VAT amount	credit total amount	VAT charge to Transco Metering
INGSM	A615	3000007	401.52	70.26	471.78	0.00	0.00	0.00	70.26

1.4.1 Charge Item/VAT Rate Summary

record identifier	charge item	VAT rate	debit amount	debit VAT amount	debit total amount	credit amount	credit VAT amount	credit total amount
INIVS	I	17.50	322.13	56.37	378.50	0.00	0.00	0.00

1.4.1.1 Charge Band Invoice Summary

record identifier	charge band	invoice line number	charge rate	charge applies from date	charge applies to date	chargeable days	charge amount	charge vat amount	charge volume count
INBSM	INS DOM CR	13	1.2508	20030301	20030331	124	1.55	0.27	4
INBSM	INS DOM PP	14	1.2508	20030301	20030331	372	4.65	0.81	12
INBSM	INS DIA 01	15	3.5830	20030301	20030331	558	19.99	3.50	18
INBSM	INS ROT 03	16	43.3927	20030301	20030331	682	295.94	51.79	22

1.4.1 Charge Item/VAT Rate Summary

record identifier	charge item	VAT rate	debit amount	debit VAT amount	debit total amount	credit amount	credit VAT amount	credit total amount
INIVS	M	17.50	9.79	1.71	11.50	0.00	0.00	0.00

1.4.1.1 Charge Band Invoice Summary

record identifier	charge band	invoice line number	charge rate	charge applies from date	charge applies to date	chargeable days	charge amount	charge vat amount	charge volume count
INBSM	MNT DOM CR	17	0.1354	20030301	20030331	248	0.34	0.06	8
INBSM	MNT DOM PP	18	2.5528	20030301	20030331	93	2.37	0.41	3
INBSM	MNT DIA 01	19	0.1635	20030301	20030331	31	0.05	0.01	1
INBSM	MNT ROT 03	20	11.3319	20030301	20030331	62	7.03	1.23	2

1.4.1 Charge Item/VAT Rate Summary

record identifier	charge item	VAT rate	debit amount	debit VAT amount	debit total amount	credit amount	credit VAT amount	credit total amount
INIVS	P	17.50	69.60	12.18	81.78	0.00	0.00	0.00

1.4.1.1 Charge Band Invoice Summary

record identifier	charge band	invoice line number	charge rate	charge applies from date	charge applies to date	chargeable days	charge amount	charge vat amount	charge volume count
INBSM	PRO DOM CR	21	2.1503	20030301	20030331	279	6.00	1.05	9
INBSM	PRO DOM PP	22	4.0512	20030301	20030331	372	15.07	2.64	12
INBSM	PRO DIA 01	23	6.3967	20030301	20030331	186	11.90	2.08	6
INBSM	PRO ROT 03	24	29.5386	20030301	20030331	124	36.63	6.41	4

1.5 Invoice Remittance Advice

record identifier	forecast payment date	total amount payable
INRAD	<blank>	582.83

i.e. "INRAD",,582.83

1.5.1 Invoice Remittance Advice Item Detail

record identifier	geographic area invoice reference	geographic area	total amount due	total amount paid	reason description
INRID	3000006	A614	111.05	<blank>	<blank>
INRID	3000007	A615	471.78	<blank>	<blank>

i.e. "INRID",3000006,"A614",111.05,,""
"INRID",3000007,"A615",471.78,,""

Trailer

record identifier
TRAIL

i.e. "TRAIL"

Metering Asset Standard Adjustment Invoice (MAJ)

Header

record identifier	file type code	market particpant abbreviated name	originator role code	market particpant abbreviated name	recipient role code	created date	created time	file identifier	file usage code	record count	transaction count
HEADR	MAJ	GTM	MAM	ABC	SUP	20030416	091545	PN950001	PRDCT	19	1

1. Transaction

record identifier	transaction reference	transaction comment	contract reference	transaction type code	transaction type reason code	cross ref other internal job reference	cross ref other external job reference	transaction status code	transaction status change reason	market sector code	date of notice	registration body	registration reference	effective from date	effective to date
TRANS	950001	Original	<blank> *optional*	MAJ	<blank>	<blank>	<blank>	<blank>	<blank>	<blank>	<blank>	<blank>	<blank>	<blank>	<blank>

1.1 Market Participant

record identifier	role code	market participant abbreviated name	market participant name	market participant short code	VAT registration number
MKPRT	MAM	GTM	Transco	GTM	547863011

1.1.1 Bank Account

record identifier	sort code	account code	account name
BNKAC	207762	20615919	Barclays Bank plc

1.1 Market Participant

record identifier	role code	market participant abbreviated name	market participant name	market participant short code	VAT registration number
MKPRT	SUP	ABC	ABC Gas	ABC	987654321

1.1.1 Bank Account

record identifier	sort code	account code	account name

BNKAC	115544	12345685	<blank> *conditional*

1.2 Invoice Summary

record identifier	billing period start date	billing period end date	payment terms & contract text part 1	payment terms & contract text part 2	tax point date	debit amount	debit VAT amount	debit total amount	credit amount	credit VAT amount	credit total amount	VAT charged to Transco Metering
INSUM	20030301	20030331	payment terms are as per the contract	text *optional*	20030416	55.81	7.99	63.80	-28.38	-4.98	-33.36	3.01

i.e. "INSUM",20030301,20030331,"payment terms are as per the contract","",20030416,55.81,7.99,63.80,-28.38,-4.98,-33.36,3.01

1.3 VAT Rate Summary

record identifier	VAT rate	debit amount	debit VAT amount	debit total amount	credit amount	credit VAT amount	credit total amount	VAT charge to Transco Metering
INVAT	17.50	55.81	7.99	63.80	-28.38	-4.98	-33.36	3.01

1.4 Geographic Area Summary

record identifier	geographic area	geographic area invoice reference	debit amount	debit VAT amount	debit total amount	credit amount	credit VAT amount	credit total amount	VAT charge to Transco Metering
INGSM	A614	3000008	55.81	7.99	63.80	-28.38	-4.98	-33.36	3.01

1.4.1 Charge Item/VAT Rate Summary

record identifier	charge item	VAT rate	debit amount	debit VAT amount	debit total amount	credit amount	credit VAT amount	credit total amount
INIVS	I	17.50	33.54	5.87	39.41	-8.43	-1.48	-9.91

1.4.1.2 Charge Band Standard Adjustment Summary

record identifier	charge band	invoice line number	charge rate	adjustment applies from date	adjustment applies to date	chargeable days	original charge amount	original VAT amount	revised charge amount	revised charge VAT amount	adjustment charge amount	original invoice reference	original geographic area invoice reference
INBAS	INS DIA 06	1	27.2009	20030101	20030131	31	8.43	1.48	0.00	0.00	-8.43	950000	3000000
INBAS	INS ROT 06	2	108.1985	20030101	20030131	31	0.00	0.00	33.54	5.87	33.54	<blank> *optional*	<blank> *optional*

1.4.1 Charge Item/VAT Rate Summary

record identifier	charge item	VAT rate	debit amount	debit VAT amount	debit total amount	credit amount	credit VAT amount	credit total amount
INIVS	M	17.50	3.54	0.62	4.16	-0.20	-0.04	-0.24

1.4.1.2 Charge Band Standard Adjustment Summary

record identifier	charge band	invoice line number	charge rate	adjustment applies from date	adjustment applies to date	chargeable days	original charge amount	original VAT amount	revised charge amount	revised charge VAT amount	adjustment charge amount	original invoice reference	original geographic area invoice reference
INBAS	MNT DIA 06	3	0.6357	20030101	20030131	31	0.20	0.04	0.00	0.00	-0.20	950000	3000000
INBAS	MNT ROT 06	4	11.4275	20030101	20030131	31	0.00	0.00	3.54	0.62	3.54	<blank> *optional*	<blank> *optional*

1.4.1 Charge Item/VAT Rate Summary

record identifier	charge item	VAT rate	debit amount	debit VAT amount	debit total amount	credit amount	credit VAT amount	credit total amount
INIVS	P	17.50	18.73	1.50	20.23	-19.75	-3.46	-23.21

1.4.1.2 Charge Band Standard Adjustment Summary

record identifier	charge band	invoice line number	charge rate	adjustment applies from date	adjustment applies to date	chargeable days	original charge amount	original VAT amount	revised charge amount	revised charge VAT amount	adjustment charge amount	original invoice reference	original geographic area invoice reference
INBAS	PRO DIA 06	5	63.7204	20030101	20030131	31	19.75	3.46	0.00	0.00	-19.75	950000	3000000
INBAS	PRO ROT 06	6	60.4176	20030101	20030131	31	0.00	0.00	18.73	1.50	18.73	<blank> *optional*	<blank> *optional*

1.5 Invoice Remittance Advice

rec ide	forecast payment date	total amount payable
INRAD	<blank>	30.44

1.5.1 Invoice Remittance Advice Item Detail

record identifier	geographic area invoice reference	geographic area	total amount due	total amount paid	reason description

INRID	3000008	A614	30.44	<blank>	<blank>

Trailer

record identifier
TRAIL

Metering Asset AdHoc Adjustment Invoice (MAH)

Header

record identifier	file type code	market particpant abbreviated name	originator role code	market particpant abbreviated name	recipient role code	created date	created time	file identifier	file usage code	record count	transaction count
HEADR	MAH	GTM	MAM	ABC	SUP	20030416	091600	PN950002	PRDCT	18	1

1. Transaction

record identifier	transaction reference	transaction comment	contract reference	transaction type code	transaction type reason code	cross ref other internal job reference	cross ref other external job reference	transaction status code	transaction status change reason	market sector code	date of notice	registration body	registration reference	effective from date	effective to date
TRANS	950002	Original	<blank> *optional*	MAH	<blank>	<blank>	<blank>	<blank>	<blank>	<blank>	<blank>	<blank>	<blank>	<blank>	<blank>

1.1 Market Participant

record identifier	role code	market participant abbreviated name	market participant name	market participant short code	VAT registration number
MKPRT	MAM	GTM	Transco	GTM	547863011

1.1.1 Bank Account

record identifier	sort code	account code	account name
BNKAC	207762	20615919	Barclays Bank plc

1.1 Market Participant

record identifier	role code	market participant abbreviated name	market participant name	market participant short code	VAT registration number
MKPRT	SUP	ABC	ABC Gas	ABC	987654321

1.1.1 Bank Account

record identifier	sort code	account code	account name
BNKAC	115544	12345685	<blank> *conditional*

1.2 Invoice Summary

record identifier	billing period start date	billing period end date	payment terms & contract text part 1	payment terms & contract text part 2	tax point date	debit amount	debit VAT amount	debit total amount	credit amount	credit VAT amount	credit total amount	VAT charged to Transco Metering
INSUM	20030301	20030331	payment terms are as per the contract	text *optional*	20030416	95.00	7.88	102.88	0.00	0.00	0.00	7.88

1.3 VAT Rate Summary

record identifier	VAT rate	debit amount	debit VAT amount	debit total amount	credit amount	credit VAT amount	credit total amount	VAT charge to Transco Metering
INVAT	0.00	50.00	0.00	50.00	0.00	0.00	0.00	0.00
INVAT	17.50	45.00	7.88	52.88	0.00	0.00	0.00	7.88

1.4 Geographic Area Summary

record identifier	geographic area	geographic area invoice reference	debit amount	debit VAT amount	debit total amount	credit amount	credit VAT amount	credit total amount	VAT charge to Transco Metering
INGSM	A614	3000009	95.00	7.88	102.88	0.00	0.00	0.00	7.88

1.4.1 Charge Item/VAT Rate Summary

record identifier	charge item	VAT rate	debit amount	debit VAT amount	debit total amount	credit amount	credit VAT amount	credit total amount

INIVS	X	0.00	50.00	0.00	50.00	0.00	0.00	0.00

1.4.1.3 Charge Band Adhoc Adjustment Summary

record identifier	charge band	invoice line number	adjustment description	adjustment applies from date	adjustment applies to date	original charge amount	original VAT amount	revised charge amount	revised charge VAT amount	adjustment charge amount	original invoice reference	original geographic area invoice reference
INBHS	MIS CP CM1	1	penalty payment	20030301	20030331	0.00	0.00	50.00	0.00	50.00	<blank> *optional*	<blank> *optional*

i.e. "INBHS","MIS CP SM1",1,"penalty payment",20030301,20030331,0.00,0.00,50.00,0.00,50.00,,

1.4.1 Charge Item/VAT Rate Summary

record identifier	charge item	VAT rate	debit amount	debit VAT amount	debit total amount	credit amount	credit VAT amount	credit total amount
INIVS	X	17.50	45.00	7.88	52.88	0.00	0.00	0.00

1.4.1.3 Charge Band Adhoc Adjustment Summary

record identifier	charge band	invoice line number	adjustment description	adjustment applies from date	adjustment applies to date	original charge amount	original VAT amount	revised charge amount	revised charge VAT amount	adjustment charge amount	original invoice reference	original geographic area invoice reference
INBHS	SALE INS KIT	2	sale of installation kit	20030301	20030331	0.00	0.00	45.00	7.88	45.00	900091	3000001

1.4.1.3.1 Meter Point

record identifier	data update code	meter point reference number	meter link code	meter point status	location code	meter point location notes	access instructions	conversion factor	last inspection date	metering pressure
MTPNT	<blank>	101155224	<blank>	<blank>	<blank>	<blank>	<blank>	<blank>	<blank>	<blank>

i.e. "MTPNT","",101155224,"","","","","","",,

1.5 Invoice Remittance Advice

record identifier	forecast payment date	total amount payable
INRAD	<blank>	102.88

1.5.1 Invoice Remittance Advice Item Detail

record identifier	geographic area invoice reference	geographic area	total amount due	total amount paid	reason description
INRID	3000009	A614	102.88	<blank>	<blank>

Trailer

record identifier
TRAIL

Asset Works Invoice (AWI)

Header

record identifier	file type code	market particpant abbreviated name	originator role code	market particpant abbreviated name	recipient role code	created date	created time	file identifier	file usage code	record count	transaction count
HEADR	AWI	GTM	MAM	ABC	SUP	20030416	091615	PN950003	PRDCT	18	1

1. Transaction

record identifier	transaction reference	transaction comment	contract reference	transaction type code	transaction type reason code	cross ref other internal job reference	cross ref other external job reference	transaction status code	transaction status change reason	market sector code	date of notice	registration body	registration reference	effective from date	effective to date
TRANS	950003	Original	<blank> *optional*	AWI	<blank>	<blank>	<blank>	<blank>	<blank>	<blank>	<blank>	<blank>	<blank>	<blank>	<blank>

1.1 Market Participant

record identifier	role code	market participant abbreviated name	market participant name	market participant short code	VAT registration number
MKPRT	MAM	GTM	Transco	GTM	547863011

1.1.1 Bank Account

record identifier	sort code	account code	account name
BNKAC	207762	20615919	Barclays Bank plc

1.1 Market Participant

record identifier	role code	market participant abbreviated name	market participant name	market participant short code	VAT registration number
MKPRT	SUP	ABC	ABC Gas	ABC	987654321

1.1.1 Bank Account

record identifier	sort code	account code	account name
BNKAC	115544	12345685	<blank> *conditional*

1.2 Invoice Summary

record identifier	billing period start date	billing period end date	payment terms & contract text part 1	payment terms & contract text part 2	tax point date	debit amount	debit VAT amount	debit total amount	credit amount	credit VAT amount	credit total amount	VAT charged to Transco Metering
INSUM	20030301	20030331	payment terms are as per the contract	text *optional*	20030416	90.30	15.80	106.10	0.00	0.00	0.00	15.80

1.3 VAT Rate Summary

record identifier	VAT rate	debit amount	debit VAT amount	debit total amount	credit amount	credit VAT amount	credit total amount	VAT charge to Transco Metering
INVAT	17.50	90.30	15.80	106.10	0.00	0.00	0.00	15.80

1.4 Geographic Area Summary

record identifier	geographic area	geographic area invoice reference	debit amount	debit VAT amount	debit total amount	credit amount	credit VAT amount	credit total amount	VAT charge to Transco Metering
INGSM	A614	3000010	90.30	15.80	106.10	0.00	0.00	0.00	15.80

1.4.1 Job Type/VAT Rate Summary

record identifier	job type	VAT rate	debit amount	debit VAT amount	debit total amount	credit amount	credit VAT amount	credit total amount

INJVS	FIX XX CR	17.50	90.30	15.80	106.10	0.00	0.00	0.00

1.4.1.1 Work Invoice Job Detail

record identifier	invoice line number	charge amount	charge VAT amount
INJBD	1	45.15	7.90

1.4.1.1.1 Meter Point

record identifier	data update code	meter point reference number	meter link code	meter point status	location code	meter point location notes	access instructions	conversion factor	last inspection date	metering pressure
MTPNT	<blank>	45685236	<blank>	<blank>	<blank>	<blank>	<blank>	<blank>	<blank>	<blank>

1.4.1.1.2 Job

record identifier	job id	transaction reference	job comment	work status change reason	cross-ref other internal job reference	cross-ref other external job reference	date of notice	standard or non-standard indicator	job date	TMS job reference
JOBIN	<blank>	8855987	<blank>	<blank>	<blank>	<blank>	<blank>	S	20030305	<blank> *optional*

1.4.1.1 Work Invoice Job Detail

record identifier	invoice line number	charge amount	charge VAT amount
INJBD	2	45.15	7.90

1.4.1.1.1 Meter Point

record identifier	data update code	meter point reference number	meter link code	meter point status	location code	meter point location notes	access instructions	conversion factor	last inspection date	metering pressure
MTPNT	<blank>	1234567	<blank>	<blank>	<blank>	<blank>	<blank>	<blank>	<blank>	<blank>

1.4.1.1.2 Job

record identifier	job id	transaction reference	job comment	work status change reason	cross-ref other internal job reference	cross-ref other external job reference	date of notice	standard or non-standard indicator	job date	TMS job reference
JOBIN	<blank>	54321	<blank>	<blank>	<blank>	<blank>	<blank>	S	20030301	<blank> *optional*

1.5 Invoice Remittance Advice

record identifier	forecast payment date	total amount payable
INRAD	<blank>	106.10

1.5.1 Invoice Remittance Advice Item Detail

record identifier	geographic area invoice reference	geographic area	total amount due	total amount paid	reason description
INRID	3000010	A614	106.10	<blank>	<blank>

Trailer

record identifier
TRAIL

Asset Works Adhoc Adjustment Invoice (AWH)

Header

record identifier	file type code	market particpant abbreviated name	originator role code	market particpant abbreviated name	recipient role code	created date	created time	file identifier	file usage code	record count	transaction count
HEADR	AWH	GTM	MAM	ABC	SUP	20030416	091630	PN950004	PRDCT	20	1

1. Transaction

record identifier	transaction reference	transaction comment	contract reference	transaction type code	transaction type reason code	cross ref other internal job reference	cross ref other external job reference	transaction status code	transaction status change reason	market sector code	date of notice	registration body	registration reference	effective from date	effective to date
TRANS	950004	Original	<blank> *optional*	AWH	<blank>	<blank>	<blank>	<blank>	<blank>	<blank>	<blank>	<blank>	<blank>	<blank>	<blank>

1.1 Market Participant

record identifier	role code	market participant abbreviated name	market participant name	market participant short code	VAT registration number

MKPRT	MAM	GTM	Transco	GTM	547863011

1.1.1 Bank Account

record identifier	sort code	account code	account name
BNKAC	207762	20615919	Barclays Bank plc

1.1 Market Participant

record identifier	role code	market participant abbreviated name	market participant name	market participant short code	VAT registration number
MKPRT	SUP	ABC	ABC Gas	ABC	987654321

1.1.1 Bank Account

record identifier	sort code	account code	account name
BNKAC	115544	12345685	<blank> *conditional*

1.2 Invoice Summary

record identifier	billing period start date	billing period end date	payment terms & contract text part 1	payment terms & contract text part 2	tax point date	debit amount	debit VAT amount	debit total amount	credit amount	credit VAT amount	credit total amount	VAT charged to Transco Metering
INSUM	20030301	20030331	payment terms are as per the contract	text *optional*	20030416	245.00	7.88	252.88	-65.00	-6.13	-71.13	1.75

1.3 VAT Rate Summary

record identifier	VAT rate	debit amount	debit VAT amount	debit total amount	credit amount	credit VAT amount	credit total amount	VAT charge to Transco Metering
INVAT	0.00	200.00	0.00	200.00	-30.00	0.00	-30.00	0.00
INVAT	17.50	45.00	7.88	52.88	-35.00	-6.13	-41.13	1.75

1.4 Geographic Area summary

record identifier	geographic area	geographic area invoice reference	debit amount	debit VAT amount	debit total amount	credit amount	credit VAT amount	credit total amount	VAT charge to Transco Metering
INGSM	A614	3000011	245.00	7.88	252.88	-65.00	-6.13	-71.13	1.75

1.4.1 Job Type/VAT Rate Summary

record identifier	job type	VAT rate	debit amount	debit VAT amount	debit total amount	credit amount	credit VAT amount	credit total amount
INJVS	MIS CO NA1	0.00	200.00	0	200.00	0.00	0.00	0.00

1.4.1.2 Work Invoice Adhoc Detail

record identifier	invoice line number	adjustment description	original charge amount	original VAT amount	revised charge amount	revised charge VAT amount	adjustment charge amount	original invoice reference	original geographic area invoice reference	quantity
INJHA	1	collection for abortive visits	<blank> *optional*	<blank> *optional*	200.00	0.00	200.00	<blank> *optional*	<blank> *optional*	10

1.4.1 Job Type/VAT Rate Summary

record identifier	job type	VAT rate	debit amount	debit VAT amount	debit total amount	credit amount	credit VAT amount	credit total amount
INJVS	MIS CP MA1	0.00	0.00	0.00	0.00	-30.00	0.00	-30.00

1.4.1.2 Work Invoice Adhoc Detail

record identifier	invoice line number	adjustment description	original charge amount	original VAT amount	revised charge amount	revised charge VAT amount	adjustment charge amount	original invoice reference	original geographic area invoice reference	quantity
INJHA	2	payment for missed / broken appointmnt	<blank> *optional*	<blank> *optional*	-30.00	0.00	-30.00	<blank> *optional*	<blank> *optional*	3

1.4.1 Job Type/VAT Rate Summary

record identifier	job type	VAT rate	debit amount	debit VAT amount	debit total amount	credit amount	credit VAT amount	credit total amount
INJVS	FIX XX CR	17.50	45.00	7.88	52.88	-35.00	-6.13	-41.13

1.4.1.2 Work Invoice Adhoc Detail

record identifier	invoice line number	adjustment description	original charge amount	original VAT amount	revised charge amount	revised charge VAT amount	adjustment charge amount	original invoice reference	original geographic area invoice	quantity

									reference	
INJHA	3	incorrect rate against job	35.00	6.13	0.00	0.00	-35.00	900003	3000003	1

i.e. "INJHA",3,"incorrect rate for job",35.00,6.13,0.00,1.00,-35.00,900003,3000003,1.00

1.4.1.2.1 Meter Point

record identifier	data update code	meter point reference number	meter link code	meter point status	location code	meter point location notes	access instructions	conversion factor	last inspection date	metering pressure
MTPNT	<blank>	12555875	<blank>	<blank>	<blank>	<blank>	<blank>	<blank>	<blank>	<blank>

1.4.1.2.2 Job

record identifier	job id	transaction reference	job comment	work status change reason	cross-ref other internal job reference	cross-ref other external job reference	date of notice	standard or non-standard indicator	job date	TMS job reference
JOBIN	<blank>	12345	<blank>	<blank>	<blank>	<blank>	<blank>	S	20030215	<blank> *optional*

i.e. "JOBIN","","4244458","","","","",,"S",20030215,12345

1.4.1.2 Work Invoice Adhoc Detail

record identifier	invoice line number	adjustment description	original charge amount	original VAT amount	revised charge amount	revised charge VAT amount	adjustment charge amount	original invoice reference	original geographic area invoice reference	quantity
INJHA	4	correct rate for job	<blank> *optional*	<blank> *optional*	45.00	7.88	45.00	900003	3000003	1

i.e. "INJHA",4,"correct rate for job",,,45.00,7.88,52.88,900003,3000003,1.00

1.4.1.2.1 Meter Point

record identifier	data update code	meter point reference number	meter link code	meter point status	location code	meter point location notes	access instructions	conversion factor	last inspection date	metering pressure
MTPNT	<blank>	12555875	<blank>	<blank>	<blank>	<blank>	<blank>	<blank>	<blank>	<blank>

1.4.1.2.2 Job

record identifier	job id	transaction reference	job comment	work status change reason	cross-ref other internal job reference	cross-ref other external job reference	date of notice	standard or non-standard indicator	job date	TMS job reference
JOBIN	<blank>	abc444	<blank>	<blank>	<blank>	<blank>	<blank>	S	20030215	<blank> *optional*

1.5 Invoice Remittance Advice

record identifier	forecast payment date	total amount payable
INRAD	<blank>	181.75

1.5.1 Invoice Remittance Advice Item Detail

record identifier	geographic area invoice reference	geographic area	total amount due	total amount paid	reason description
INRID	3000011	A614	181.75	<blank>	<blank>

Trailer

record identifier
TRAIL

Pre-Appointment Liquidated Damages (PALD) Invoice (MFV)

Header

record identifier	file type code	market particpant abbreviated name	originator role code	market particpant abbreviated name	recipient role code	created date	created time	file identifier	file usage code	record count	transaction count
HEADR	MFV	GTM	MAM	ABC	SUP	20030416	091645	PN950005	PRDCT	16	1

1. Transaction

record identifier	transaction reference	transaction comment	contract reference	transaction type code	transaction type reason code	cross ref other internal job reference	cross ref other external job reference	transaction status code	transaction status change reason	market sector code	date of notice	registration body	registration reference	effective from date	effective to date
TRANS	950005	Original	<blank> *optional*	MFV	<blank>	<blank>	<blank>	<blank>	<blank>	<blank>	<blank>	<blank>	<blank>	<blank>	<blank>

1.1 Market Participant

record identifier	role code	market participant abbreviated name	market participant name	market participant short code	VAT registration number
MKPRT	MAM	GTM	Transco	GTM	547863011

1.1.1 Bank Account

record identifier	sort code	account code	account name
BNKAC	207762	20615919	Barclays Bank plc

1.1 Market Participant

record identifier	role code	market participant abbreviated name	market participant name	market participant short code	VAT registration number
MKPRT	SUP	ABC	ABC Gas	ABC	987654321

1.1.1 Bank Account

record identifier	sort code	account code	account name
BNKAC	115544	12345685	<blank> *conditional*

1.2 Invoice Summary

record identifier	billing period start date	billing period end date	payment terms & contract text part 1	payment terms & contract text part 2	tax point date	debit amount	debit VAT amount	debit total amount	credit amount	credit VAT amount	credit total amount	VAT charged to Transco Metering
INSUM	20030501	20030531	payment terms are as per the contract	text *optional*	20030416	0.60	0.10	0.70	0.00	0.00	0.00	0.10

1.3 VAT Rate Summary

record identifier	VAT rate	debit amount	debit VAT amount	debit total amount	credit amount	credit VAT amount	credit total amount	VAT charge to Transco Metering

INVAT	17.50	0.60	0.10	0.70	0.00	0.00	0.00	0.10

1.4 Geographic Area Summary

record identifier	geographic area	geographic area invoice reference	debit amount	debit VAT amount	debit total amount	credit amount	credit VAT amount	credit total amount	VAT charge to Transco Metering
INGSM	A614	3000012	0.60	0.10	0.70	0.00	0.00	0.00	0.10

1.4.1 Charge Item/VAT Rate Summary

record identifier	charge item	VAT rate	debit amount	debit VAT amount	debit total amount	credit amount	credit VAT amount	credit total amount
INIVS	I	17.50	0.21	0.04	0.25	0.00	0.00	0.00

1.4.1.1 Charge Band Invoice Summary

record identifier	charge band	invoice line number	charge rate	charge applies from date	charge applies to date	chargeable days	charge amount	charge vat amount	charge volume count
INBSM	INS DOM CR	1	1.2508	20030515	20030531	17	0.21	0.04	2

1.4.1 Charge Item/VAT Rate Summary

record identifier	charge item	VAT rate	debit amount	debit VAT amount	debit total amount	credit amount	credit VAT amount	credit total amount
INIVS	M	17.50	0.02	0	0.02	0.00	0.00	0.00

1.4.1.1 Charge Band Invoice Summary

record identifier	charge band	invoice line number	charge rate	charge applies from date	charge applies to date	chargeable days	charge amount	charge vat amount	charge volume count
INBSM	MNT DOM CR	2	0.1354	20030515	20030531	17	0.02	0.00	3

1.4.1 Charge Item/VAT Rate Summary

record identifier	charge item	VAT rate	debit amount	debit VAT amount	debit total amount	credit amount	credit VAT amount	credit total amount
INIVS	P	17.50	0.37	0.06	0.43	0.00	0.00	0.00

1.4.1.1 Charge Band Invoice Summary

record identifier	charge band	invoice line number	charge rate	charge applies from date	charge applies to date	chargeable days	charge amount	charge vat amount	charge volume count
INBSM	PRO DOM CR	3	2.1503	20030515	20030531	17	0.37	0.06	3

1.5 Invoice Remittance Advice

record identifier	forecast payment date	total amount payable
INRAD	<blank>	0.70

1.5.1 Invoice Remittance Advice Item Detail

record identifier	geographic area invoice reference	geographic area	total amount due	total amount paid	reason description
INRID	3000012	A614	0.70	<blank>	<blank>

Trailer

record identifier
TRAIL

Invoice Asset & PALD Daily Count Files (MDC & MFC)

HD_A00_STANDARD_HEADER

trans type	org ID	file type	creation date	creation time	generation number
A00	0000000101	MDC	20030416	092500	500000
		or MFC			

RT_J70_ASSET_COUNT_DETAILS

trans type	report date	geo area	charge item	charge band	charge volume count

J70	20030301	A614	P	PRO DOM CR	5
J70	20030301	A614	P	PRO DOM PP	9
J70	20030301	A614	P	PRO DIA 01	14
J70	20030301	A614	P	PRO DIA 02	12
J70	20030301	A614	P	PRO DIA 03	32
J70	20030301	A614	P	PRO DIA 04	54
J70	20030301	A614	P	PRO DIA 05	22
J70	20030301	A614	P	PRO DIA 06	55
J70	20030301	A614	P	PRO ROT 01	54
J70	20030301	A614	P	PRO ROT 02	13
J70	20030301	A614	P	PRO ROT 03	22
J70	20030301	A614	P	PRO ROT 04	66
J70	20030301	A614	P	PRO ROT 05	13
J70	20030301	A614	P	PRO ROT 06	19
J70	20030301	A614	P	PRO ROT 07	38
J70	20030301	A614	P	PRO ROT 08	36
J70	20030301	A614	P	PRO ROT 09	11
J70	20030301	A614	P	PRO ROT 10	22
J70	20030301	A614	P	PRO ROT 11	46

etc...

TR_Z99_STANDARD_TRAILER

trans type	Record Count
Z99	19

Invoice Asset & PALD Standard Charges File (MDN & MFN)

HD_A00_STANDARD_HEADER

trans type	org ID	file type	creation date	creation time	generation number
A00	0000000101	MDN	20030416	092515	500001
		or MFN			

RT_X03_MPO_STANDARD_CHARGES

trans type	MPO reference	postcode	equipment number	device category	parent generation number	area invoice number	geographic area	charge applies from date	charge applies to date	charge days	P charge item	P charge band	P line item number	P charge rate	P vat rate	P amount due	P vat amount due

X03	88776644	B28 6DP	000000000010040853	CR-S-G4-01	950000	300125	A614	20020101	20020131	31	P	PRO DOM CR	00001	2.1503	17.50	0.064509	0.01128908

M charge item	M charge band	M line item number	M charge rate	M vat rate	M amount due	M vat amount due
M	MNT DOM CR	00002	0.1354	17.50	0.004062	0.00071085

I charge item	I charge band	I line item number	I charge rate	I vat rate	I amount due	I vat amount due
I	INS DOM CR	00003	1.2508	17.50	0.037524	0.00656670

TR_Z99_STANDARD_TRAILER

trans type	record count
Z99	1

Invoice Asset Detail File - Standard Adjustments (MDA)

HD_A00_STANDARD_HEADER

trans type	org ID	file type	creation date	creation time	generation number
A00	0000000101	MDA	20030416	092530	500002

RT_X04_MPO_ADJUSTMENT_CHARGES

trans type	MPO reference	postcode	equipment number	device category	parent generation number	area invoice number	adjustment from date	adjustment to date	charge days	geographic area	original generation number	original area invoice number
X04	123456897	B26 7TG	000000000010040853	CR-S-G4-01	950001	0003000008	20020101	20020131	31	A614	950000	3000006

PO charge item	PO charge band	PO line item number	PO charge rate	PO vat rate	PO amount due	PO vat amount due	PR charge item	PR charge band	PR line item number	PR charge rate	PR vat rate	PR amount due	PR vat amount due

P	PRO DOM CR	000001	2.1503	17.50	0.666593	0.11665378	P	PRO DOM PP	000002	4.0512	17.50	1.255872	0.21977760

MO charge item	MO charge band	MO line item number	MO charge rate	MP vat rate	MO amount due	MO vat amount due	MR charge item	MR charge band	MR line item number	MR charge rate	MR vat rate	MR amount due	MR vat amount due
M	MNT DOM CR	000001	0.1354	17.50	0.041974	0.00734545	M	MNT DOM PP	000002	2.5528	17.50	0.791368	0.13848940

IO charge item	IO charge band	IO line item number	IO charge rate	IO vat rate	IO amount due	IO vat amount due	IR charge item	IR charge band	IR line item number	IR charge rate	IR vat rate	IR amount due	IR vat amount due
I	INS DOM CR	000001	1.2508	17.50	0.387748	0.06785590	I	INS DOM PP	000002	1.2508	17.50	0.387748	0.06785590

note: *X04 record is contained within 1 row*

TR_Z99_STANDARD_TRAILER

trans type	Record Count
Z99	1

3.3 Transco Metering Data Dictionary

The following table contains Data Dictionary information for Transco Domain Data for the following File Formats.

- Metering Assets Invoice, Metering Asset Standard Adjustments Invoice and Pre Appointment Liquidated Damages (PALD) Invoice
- Asset Works Invoice & Asset Works Ad Hoc Adjustment Invoice
- Query Submission (OSENQ)
- Query Response (RSENQ)
- Query Notification – Progress, Resolution & Completion (ONENQ)

The attributes described in the following table are not defined within the existing RGMA Data Dictionary.

3.4 Data Dictionary

The table below provides meter data for those attributes listed in the previous sections and which are not defined within existing ITSG documentation.

DATASET NAME	DATASET DESCRIPTION								NOTES
	Attribute Reference	Prim Key	Attribute Name	Opt	Format	Length Dec Pl	Domain	Description	
Market Participant									
	T0300		**VAT Registration Number**	**N**	**Integer**	**9**		**A number issued to all companies where the turnover exceeds a Government limit or who have registered voluntarily, against which Value Added Tax is paid. The first 3 digits of the number indicate the original issuing tax office**	
Bank Account									
	T0302	*****	**Sort Code**	**N**	**Integer**	**6**		**The Sort Code of the bank branch at which the account is held**	
	T0303	*****	**Account Code**	**N**	**Integer**	**8**		**The account number of the bank account**	
	T0304		**Account Name**	**Y**	**Text**	**30**		**The name under which the bank account is registered by the bank**	
Invoice Summary								**A summary of the monetary amounts detailed on the invoice**	
	T0306		**Billing Period Start Date**	**N**	**Date**	**8**	**Date**	**The start of the period for which the invoice applies.**	**Format YYYYMMDD e.g. 20020401**
	T0307		**Billing Period End Date**	**N**	**Date**	**8**	**Date**	**The end of the period for which the invoice applies**	**Format YYYYMMDD e.g. 20020430**
	T0308		**Payment Terms And Contract Text Part One**	**N**	**Text**	**200**		**Descriptive text relating to the contract and/or its payment terms**	
	T0309		**Payment Terms And Contract Text Part Two**	**Y**	**Text**	**200**		**Further Descriptive text relating to the contract and/or its payment terms**	
	T0310		**Tax Point Date**	**N**	**Date**	**8**	**Date**	**Holds the date from which the invoice can be taxed. In practice, this will be the date on which the invoice was sent to the Transco Metering Customer**	**Format YYYYMMDD e.g. 20020503**
	T0311		**Debit Amount**	**N**	**Number**	**15,2**	**Monetary Amount**	**Holds the sum of debit amounts due for all debit invoice items (i.e. DEBIT_AMOUNT values in the dataset's associated Geographic Area Summary datasets) on the invoice. (Exclusive of VAT).**	
	T0312		**Debit VAT Amount**	**N**	**Number**	**15,2**	**Monetary Amount**	**Holds the sum of all VAT amounts due for all debit invoice items (i.e. DEBIT_VAT_AMOUNT values in the dataset's associated Geographic Area Summary datasets) on the invoice.**	
	T0313		**Debit Total Amount**	**N**	**Number**	**15,2**	**Monetary Amount**	**Holds sum of DEBIT_AMOUNT and DEBIT_VAT_AMOUNT for all debit invoice items on the invoice. (Inclusive of VAT)**	

DATASET NAME		DATASET DESCRIPTION							NOTES
	Attribute Reference	Prim Key	Attribute Name	Opt	Format	Length Dec Pl	Domain	Description	
	T0314		**Credit Amount**	**N**	**Number**	**15,2**	**Monetary Amount**	**MAV, MFV & AWI files – Always zero. MAJ, MAH & AWH files: - Holds the sum of credit amounts due for all credit invoice items (i.e. CREDIT_AMOUNT_DUE values in the dataset's associated Geographic Area Summary datasets) on the invoice. (Exclusive of VAT).**	**Can be negative.**
	T0315		**Credit VAT Amount**	**N**	**Number**	**15,2**	**Monetary Amount**	**MAV, MFV & AWI files – Always zero. MAJ, MAH & AWH files: - Holds the sum of all VAT amounts due for all credit invoice items (i.e. CREDIT_AMOUNT_DUE values in the dataset's associated Geographic Area Summary datasets) on the invoice.**	**Can be negative.**
	T0316		**Credit Total Amount**	**N**	**Number**	**15,2**	**Monetary Amount**	**Holds sum of CREDIT_AMOUNT and CREDIT_VAT_AMOUNT for all credit invoice items on the invoice.**	**Can be negative.**
	T0317		**VAT Charged To Transco Metering**	**N**	**Number**	**15,2**	**Monetary Amount**	**Holds the sum of the Invoice Item VAT amounts charged to Transco Metering. i.e. The net value of DEBIT_VAT_AMOUNT and CREDIT_VAT_AMOUNT**	**Can be negative.**
VAT Rate Summary								**A summary of the VAT amounts detailed on the invoice**	
	T0319		**VAT Rate**	**N**	**Number**	**5,2**		**The rate at which VAT is applied to goods or services**	
	T0320		**Debit Amount**	**N**	**Number**	**15,2**	**Monetary Amount**	**Holds sum of debit amount due for all debit invoice items on the invoice that are subject to the given VAT Rate (Exclusive of VAT).**	
	T0321		**Debit VAT Amount**	**N**	**Number**	**15,2**	**Monetary Amount**	**Holds sum of all VAT amounts due for all debit invoice items on the invoice that are subject to the given VAT Rate.**	
	T0322		**Debit Total Amount**	**N**	**Number**	**15,2**	**Monetary Amount**	**Holds sum of DEBIT_AMOUNT and DEBIT_VAT_AMOUNT for all debit invoice items on the invoice that are subject to the given VAT Rate (Inclusive of VAT**	
	T0323		**Credit Amount**	**N**	**Number**	**15,2**	**Monetary Amount**	**Holds sum of credit amounts due for all credit invoice items on the invoice that are subject to the given VAT Rate (Exclusive of VAT).**	**Can be negative.**
	T0324		**Credit VAT Amount**	**N**	**Number**	**15,2**	**Monetary Amount**	**Holds sum of all VAT amounts due for all credit invoice items on the invoice that are subject to the given VAT Rate.**	**Can be negative.**
	T0325		**Credit Total Amount**	**N**	**Number**	**15,2**	**Monetary Amount**	**Holds sum of CREDIT_AMOUNT and CREDIT_VAT_AMOUNT for all credit invoice items on the invoice that are subject to the given VAT Rate**	**Can be negative.**

DATASET NAME		DATASET DESCRIPTION							NOTES
	Attribute Reference	Prim Key	Attribute Name	Opt	Format	Length Dec Pl	Domain	Description	
	T0326		**Charged To Transco Metering**	**N**	**Number**	**15,2**	**Monetary Amount**	**Holds the sum of the Invoice Item VAT amounts charged to Transco Metering that are subject to the given VAT rate. i.e. The net value of DEBIT_VAT_AMOUNT and CREDIT_VAT_AMOUNT**	**Can be negative.**
Geographic Area Summary								**A summary of the monetary amounts for a specific (postcode outcode based) Geographic Area detailed on the invoice.**	
	T0328		**Geographic Area**	**N**	**Text**	**6**		**Outcode based geographic area**	
	T0329		**Geographic Area Invoice Reference**	**N**	**Number**	**10**		**A number uniquely identifying a Geographic Area invoice.**	
	T0330		**Debit Amount**	**N**	**Number**	**15,2**	**Monetary Amount**	**MAV/MAJ/MFV & MAH files: - Holds the sum of debit amounts due for all debit invoice items (i.e. DEBIT_AMOUNT values in the dataset's associated Charge Item/VAT Rate Summary datasets) on the invoice for the Geographic Area. (Exclusive of VAT). AWI & AWH files: - Holds the sum of debit amounts due for all debit invoice items (i.e. DEBIT_AMOUNT values in the dataset's associated Job Type/VAT Rate Summary datasets) on the invoice for the Geographic Area. (Exclusive of VAT).**	
	T0331		**Debit VAT Amount**	**N**	**Number**	**15,2**	**Monetary Amount**	**MAV/MAJ/MFV & MAH files: - Holds the sum of all VAT amounts due for all debit invoice items (i.e. DEBIT_VAT_AMOUNT values in the dataset's associated Charge Item/VAT Rate Summary datasets) on the invoice for the Geographic Area. AWI & AWH files: - Holds the sum of all VAT amounts due for all debit invoice items (i.e. DEBIT_VAT_AMOUNT values in the dataset's associated Job Type/VAT Rate Summary datasets) on the invoice for the Geographic Area. (Exclusive of VAT).**	
	T0332		**Debit Total Amount**	**N**	**Number**	**15,2**	**Monetary Amount**	**Holds sum of DEBIT_AMOUNT and DEBIT_VAT_AMOUNT for all debit invoice items on the invoice for the Geographic Area. (Inclusive of VAT)**	

DATASET NAME		DATASET DESCRIPTION							NOTES
	Attribute Reference	Prim Key	Attribute Name	Opt	Format	Length Dec Pl	Domain	Description	
	T0333		**Credit Amount**	**N**	**Number**	**15,2**	**Monetary Amount**	**MAV & MFV files – Always zero. MAJ & MAH files: - Holds the sum of credit amounts due for all credit invoice items (i.e. CREDIT_AMOUNT values in the dataset's associated Charge Item/VAT Rate Summary datasets) on the invoice for the Geographic Area. (Exclusive of VAT). AWI file – Always zero. AWH files: - Holds the sum of credit amounts due for all credit invoice items (i.e. CREDIT_AMOUNT values in the dataset's associated Job Type/VAT Rate Summary datasets) on the invoice for the Geographic Area. (Exclusive of VAT).**	**Can be negative.**
	T0334		**Credit VAT Amount**	**N**	**Number**	**15,2**	**Monetary Amount**	**MAV & MFV files – Always zero. MAJ & MAH files: - Holds the sum of all VAT amounts due for all credit invoice items (i.e. CREDIT_VAT_AMOUNT values in the dataset's associated Charge Item/VAT Rate Summary datasets) on the invoice for the Geographic Area. AWI file – Always zero. AWH files: - Holds the sum of all VAT amounts due for all credit invoice items (i.e. CREDIT_VAT_AMOUNT values in the dataset's associated Job Type/VAT Rate Summary datasets) on the invoice for the Geographic Area.**	**Can be negative.**
	T0335		**Credit Total Amount**	**N**	**Number**	**15,2**	**Monetary Amount**	**Holds sum of CREDIT_AMOUNT and CREDIT_VAT_AMOUNT for all credit invoice items on the invoice for the Geographic Area.)**	**Can be negative.**
	T0336		**VAT Charged To Transco Metering**	**N**	**Number**	**15,2**	**Monetary Amount**	**Holds the sum of the Invoice Item VAT amounts charged to Transco Metering for items on the invoice for the Geographic Area. i.e. The net value of DEBIT_VAT_AMOUNT and CREDIT_VAT_AMOUNT.**	**Can be negative.**
Charge Item/VAT Rate Summary								**A summary of monetary amounts detailed on the invoice for a specific combination of Charge Item and VAT Rate (within a specific Geographic Area)**	**This is the invoice item detail record**

DATASET NAME		DATASET DESCRIPTION						NOTES
	Attribute Reference	Prim Key	Attribute Name	Opt	Format	Length Dec Pl	Domain	Description	
	T0338		**Charge Item**	**N**	**Text**	**1**	**Code**	**The reason for which a charge is being applied.**	**Current values are: 'P' Provision 'I' Historic Installation 'M' Maintenance 'X' Other**
	T0319		**VAT Rate**	**N**	**Number**	**5,2**		**The rate at which VAT is applied to goods or services**	
	T0340		**Debit Amount**	**N**	**Number**	**15,2**	**Monetary Amount**	**MAV & MFV files - Holds the sum of the invoice line debit amounts (i.e. CHARGE_AMOUNT values in the dataset's associated Charge Band Invoice Summary datasets). MAJ files – Holds the sum of the invoice line net revised charges (i.e. ADJUSTMENT_CHARGE_AMOUNT values in the dataset's associated Charge Band Std Adjustment Summary datasets) if the resultant total is a debit amount (i.e. positive amount). MAH files – Holds the net sum of the invoice line revised charges (i.e. ADJUSTMENT_CHARGE_AMOUNT values in the dataset's associated Charge Band Ad Hoc Adjustment Summary datasets) if the resultant total is a debit amount (i.e. positive amount). {Exclusive of VAT}**	
	T0341		**Debit VAT Amount**	**N**	**Number**	**15,2**	**Monetary Amount**	**Holds the sum of VAT to be applied to the debit invoice line amount (DEBIT_AMOUNT).**	
	T0342		**Debit Total Amount**	**N**	**Number**	**15,2**	**Monetary Amount**	**Holds the sum of the debit invoice line amount plus the VAT to be applied to that line amount.**	

DATASET NAME		DATASET DESCRIPTION							NOTES
	Attribute Reference	Prim Key	Attribute Name	Opt	Format	Length Dec Pl	Domain	Description	
	T0343		**Credit Amount**	**N**	**Number**	**15,2**	**Monetary Amount**	**MAV & MFV files – Always zero. MAJ files – Holds the sum of the invoice line net revised charges (i.e. ADJUSTMENT_CHARGE_AMOUNT values in the dataset's associated Charge Band Std Adjustment Summary datasets) if the resultant total is a credit amount (i.e. negative amount). MAH files – Holds the net sum of the invoice line revised charges (i.e. ADJUSTMENT_CHARGE_AMOUNT values in the dataset's associated Charge Band Ad Hoc Adjustment Summary datasets) if the resultant total is a credit amount (i.e. negative amount). {Exclusive of VAT}**	**Can be negative**
	T0344		**Credit VAT Amount**	**N**	**Number**	**15,2**	**Monetary Amount**	**Holds the sum of VAT to be applied to the credit invoice line amount (CREDIT_AMOUNT).**	**Can be negative**
	T0345		**Credit Total Amount**	**N**	**Number**	**15,2**	**Monetary Amount**	**Holds the sum of the credit *invoice line amount* plus the VAT to be applied to that line amount.**	**Can be negative**
Charge Band Invoice Summary								**The invoice charges aggregated by specific Charge Band**	
	T0347		**Charge Band**	**N**	**Text**	**18**	**Code**	**A unique description for a grouping of assets that all attract the same prices for metering services.**	**e.g. "PRO DOM CR"**
	T0348		**Invoice Line Number**	**N**	**Integer**	**6**		**A number uniquely identifying the line item within the area invoice which when combined with the GEOGRAPHIC_AREA_INVOICE_REFERENCE provides a unique identifier.**	
	T0349		**Charge Rate**	**N**	**Number**	**15,4**		**The gross rate in pence for the applicable charge band.**	
	T0350		**Charge Applies From Date**	**N**	**Date**	**8**	**Date**	**Defines the start date of the period for which the charge band is calculated.**	**Format YYYYMMDD e.g. 20020503**
	T0351		**Charge Applies To Date**	**N**	**Date**	**8**	**Date**	**Defines the end date of the period for which the charge band is calculated**	**Format YYYYMMDD e.g. 20020503**
	T0352		**Chargeable Days**	**N**	**Integer**	**10**		**The number of days for which the assets have been active within the billing period.**	
	T0353		**Charge Amount**	**N**	**Number**	**15,2**	**Monetary Amount**	**The cash amount, in pounds and pence, of a particular charge band over the billing period. (Exclusive of VAT)**	
	T0354		**Charge VAT Amount**	**N**	**Number**	**15,2**	**Monetary Amount**	**The value, in pounds and pence, of VAT applied to the CHARGE_AMOUNT.**	

DATASET NAME		DATASET DESCRIPTION							NOTES
	Attribute Reference	Prim Key	Attribute Name	Opt	Format	Length Dec Pl	Domain	Description	
	T0355		**Charge Volume Count**	**N**	**Integer**	**8**		**The total number of assets, by charge band, which have been active within the billing period.**	
Charge Band Standard Adjustment Summary								**A summary (by Charge Band) of Standard Adjustments applied to a previous invoice**	
	T0347		**Charge Band**	**N**	**Text**	**18**	**Code**	**A unique description for a grouping of assets that all attract the same prices for metering services.**	**e.g. "PRO DOM CR"**
	T0348		**Invoice Line Number**	**N**	**Integer**	**6**		**A number uniquely identifying the line item within the area invoice which when combined with the GEOGRAPHIC_AREA_INVOICE_NUMBER provides a unique identifier.**	
	T0349		**Charge Rate**	**N**	**Number**	**15,4**		**The gross rate in pence for the applicable charge band.**	
	T0359		**Adjustment Applies From Date**	**N**	**Date**	**8**	**Date**	**Defines the start date of the period for which the adjustment is calculated.**	**Format YYYYMMDD e.g. 20020503**
	T0360		**Adjustment Applies To Date**	**N**	**Date**	**8**	**Date**	**Defines the end date of the period for which the adjustment is calculated**	**Format YYYYMMDD e.g. 20020503**
	T0361		**Chargeable Days**	**N**	**Integer**	**10**		**The number of days for which the assets have been active within the billing period.**	
	T0363		**Original Charge Amount**	**Y**	**Number**	**15,2**	**Monetary Amount**	**The cash amount, in pounds and pence that was charged for the item.**	**Can be negative.**
	T0364		**Original VAT Amount**	**Y**	**Number**	**15,2**	**Monetary Amount**	**The original value, in pounds and pence, of VAT applied to the ORIGINAL_CHARGE_AMOUNT.**	**Can be negative.**
	T0365		**Revised Charge Amount**	**Y**	**Number**	**15,2**	**Monetary Amount**	**The revised cash amount, in pounds and pence. (Exclusive of VAT)**	**Can be negative.**
	T0366		**Revised Charge VAT Amount**	**Y**	**Number**	**15,2**	**Monetary Amount**	**The value, in pounds and pence, of VAT applied to the REVISED_CHARGE_AMOUNT.**	**Can be negative.**
	T0367		**Adjustment Charge Amount**	**N**	**Number**	**15,2**	**Monetary Amount**	**The value of the Adjustment Charge Item that will be included on the invoice in pounds and pence. This is equal to the Revised Charge Amount minus the original Charge Amount.**	**Can be negative**
	A0055		**Original Invoice Reference**	**Y**	**Integer**	**10**		**Specifies the TRANSACTION_REFERENCE of the original invoice to which the adjustments apply**	
	T0329		**Original Geographic Area Invoice Reference**	**Y**	**Integer**	**10**		**Specifies the Reference of the original GEOGRAPHIC_AREA_INVOICE_REFERENCE to which the adjustments apply**	
Charge Band Ad Hoc Adjustment Summary								**A summary (by Charge Band) of Ad Hoc Adjustments applied to a previous invoice**	

DATASET NAME		DATASET DESCRIPTION							NOTES
	Attribute Reference	Prim Key	Attribute Name	Opt	Format	Length Dec Pl	Domain	Description	
	T0347		**Charge Band**	**N**	**Text**	**18**	**Code**	**A unique description for a grouping of assets that all attract the same prices for metering services.**	**e.g. "PRO DOM CR"**
	T0348		**Invoice Line Number**	**N**	**Integer**	**6**		**A number uniquely identifying the line item within the area invoice which when combined with the GEOGRAPHIC_AREA_INVOICE_REFERENCE provides a unique identifier.**	
	T0373		**Adjustment Description**	**N**	**Text**	**100**		**Describes the reason for this specific adjustment including any relevant supporting data**	
	T0374		**Adjustment Applies From Date**	**N**	**Date**	**8**	**Date**	**Defines the start date of the period for which the adjustment is calculated.**	**Format YYYYMMDD e.g. 20020503**
	T0375		**Adjustment Applies To Date**	**N**	**Date**	**8**	**Date**	**Defines the end date of the period for which the adjustment is calculated**	**Format YYYYMMDD e.g. 20020503**
	T0377		**Original Charge Amount**	**Y**	**Number**	**15,2**	**Monetary Amount**	**The cash amount, in pounds and pence that was charged for the item on the original invoice.**	**Can be negative.**
	T0378		**Original VAT Amount**	**Y**	**Number**	**15,2**	**Monetary Amount**	**The original VAT value, in pounds and pence.**	**Can be negative.**
	T0379		**Revised Charge Amount**	**Y**	**Number**	**15,2**	**Monetary Amount**	**The revised cash amount, in pounds and pence. (Exclusive of VAT)**	**Can be negative.**
	T0380		**Revised Charge VAT Amount**	**Y**	**Number**	**15,2**	**Monetary Amount**	**The value, in pounds and pence, of VAT applied to the REVISED_CHARGE_AMOUNT.**	**Can be negative.**
	T0381		**Adjustment Charge Amount**	**N**	**Number**	**15,2**	**Monetary Amount**	**The value of the Adjustment Charge that will be included on the invoice in pounds and pence. This is equal to the Revised Charge Amount minus the original Charge Amount.**	**Can be negative**
	A0055		**Original Invoice Reference**	**Y**	**Integer**	**10**		**Specifies the TRANSACTION_REFERENCE of the original invoice to which the adjustments apply**	
	T0329		**Original Geographic Area Invoice Reference**	**Y**	**Integer**	**10**		**Specifies the Reference of the original GEOGRAPHIC_AREA_INVOICE_REFERENCE to which the adjustments apply**	
Invoice Remittance Advice								**The total monetary amount required to settle the invoice in full.**	
	T0385		**Forecast Payment Date**	**Y**	**Date**	**8**	**Date**	**The date that the customer should make payment against the invoice. Not populated in invoice files sent to the customer.**	
	T0386		**Total Amount Payable**	**N**	**Number**	**15,2**	**Monetary Amount**	**Holds the monetary amount (inclusive of VAT) required to settle the invoice in full.**	**Can be negative**

DATASET NAME		DATASET DESCRIPTION							NOTES
	Attribute Reference	Prim Key	Attribute Name	Opt	Format	Length Dec Pl	Domain	Description	
Invoice Remittance Advice Item Detail								**The total monetary amount required to settle a geographic area invoice and the amount paid against the amount by the customer.**	
	T0329		**Geographic Area Invoice Reference**	**N**	**Number**	**10**		**A number uniquely identifying a Geographic Area invoice.**	
	T0328		**Geographic Area**	**N**	**Text**	**6**		**Outcode based geographic area**	
	T0390		**Total Amount Due**	**N**	**Number**	**15,2**	**Monetary Amount**	**Holds the monetary amount (inclusive of VAT) required to settle the geographic area invoice in full.**	**Can be negative**
	T0391		**Total Amount Paid**	**Y**	**Number**	**15,2**	**Monetary Amount**	**The monetary amount in pounds and pence (inclusive of VAT) that the customer intends to pay against the geographic area invoice. Note that this field will not be populated in the invoice file. It is assumed that customer's will return this data set with this field populated when payments are made.**	**Can be negative.**
	T0392		**Reason Description**	**Y**	**Text**	**200**		**Holds the reason why the customer made part payment or non-payment against a geographic area invoice. Not populated in invoice files sent to the customer.**	
Job Type/VAT Rate Summary								**A summary of monetary amounts detailed on the invoice for a specific combination of Job Type and VAT Rate (within a specific Geographic Area)**	
	T0401		**Job Type**	**N**	**Text**	**18**	**Code**	**A code indicating the type of work carried out**	**E.G. "FIX XX CR"**
	T0319		**VAT Rate**	**N**	**Number**	**5,2**		**The rate at which VAT is applied to goods or services**	
	T0403		**Debit Amount**	**N**	**Number**	**15,2**	**Monetary Amount**	**AWI files - Holds the sum of the invoice line debit amounts (i.e. CHARGE_AMOUNT values in the dataset's associated Work Invoice Job datasets) if the resultant total is a debit amount (i.e. positive amount). {Exclusive of VAT}. AWH files – Holds the sum of the invoice line net revised charges (i.e. ADJUSTMENT_CHARGE_AMOUNT values in the dataset's associated Work Invoice Ad Hoc Adjustment Detail datasets) if the resultant total is a debit amount (i.e. positive amount). {Exclusive of VAT}**	
	T0404		**Debit VAT Amount**	**N**	**Number**	**15,2**	**Monetary Amount**	**Holds the sum of VAT to be applied to the invoice line debit amount (DEBIT_AMOUNT).**	

DATASET NAME		DATASET DESCRIPTION							NOTES
	Attribute Reference	Prim Key	Attribute Name	Opt	Format	Length Dec Pl	Domain	Description	
	T0405		**Debit Total Amount**	**N**	**Number**	**15,2**	**Monetary Amount**	**Holds the sum of the debit invoice line amount plus the VAT to be applied to that line amount.**	
	T0406		**Credit Amount**	**N**	**Number**	**15,2**	**Monetary Amount**	**AWI file – Always zero. AWH files – Holds the sum of the invoice line net revised charges (i.e. ADJUSTMENT_CHARGE_AMOUNT values in the dataset's associated Work Invoice Ad Hoc Adjustment Detail datasets) if the resultant total is a credit amount (i.e. negative amount). {Exclusive of VAT}**	**Can be negative.**
	T0407		**Credit VAT Amount**	**N**	**Number**	**15,2**	**Monetary Amount**	**Holds the sum of VAT to be applied to the invoice line credit amount (CREDIT_AMOUNT).**	**Can be negative.**
	T0408		**Credit Total Amount**	**N**	**Number**	**15,2**	**Monetary Amount**	**Holds the sum of the credit invoice line amount plus the VAT to be applied to that line amount.**	**Can be negative.**
Work Invoice Job Detail								**The invoice charges for a specific Standard Job**	
	T0348		**Invoice Line Number**	**N**	**Integer**	**6**		**A number uniquely identifying the line item within the area invoice which when combined with the GEOGRAPHIC_AREA_INVOICE_REFERENCE provides a unique identifier.**	
	T0411		**Charge Amount**	**N**	**Number**	**15,2**	**Monetary Amount**	**The cash amount, in pounds and pence, for a particular Job.**	
	T0412		**Charge VAT Amount**	**N**	**Number**	**15,2**	**Monetary Amount**	**The value, in pounds and pence, of VAT applied to the CHARGE_AMOUNT.**	
Work Invoice Ad Hoc Adjustment Detail								**Detail of an Ad Hoc Adjustment applied to a previous invoice**	
	T0348		**Invoice Line Number**	**N**	**Integer**	**6**		**A number uniquely identifying the line item within the area invoice which when combined with the GEOGRAPHIC_AREA_INVOICE_REFERENCE provides a unique identifier.**	
	T0417		**Adjustment Description**	**N**	**Text**	**100**		**Describes the reason for this specific adjustment including any relevant supporting data**	
	T0419		**Original Charge Amount**	**Y**	**Number**	**15,2**	**Monetary Amount**	**The cash amount, in pounds and pence that was charged for the item on the original invoice.**	**Can be negative**
	T0420		**Original VAT Amount**	**Y**	**Number**	**15,2**	**Monetary Amount**	**The original VAT value, in pounds and pence.**	**Can be negative**

DATASET NAME		DATASET DESCRIPTION							NOTES
	Attribute Reference	Prim Key	Attribute Name	Opt	Format	Length Dec Pl	Domain	Description	
	T0421		**Revised Charge Amount**	**Y**	**Number**	**15,2**	**Monetary Amount**	**The revised cash amount, in pounds and pence. (Exclusive of VAT)**	**Can be negative.**
	T0422		**Revised Charge VAT Amount**	**Y**	**Number**	**15,2**	**Monetary Amount**	**The value, in pounds and pence, of VAT applied to the REVISED_CHARGE_AMOUNT.**	**Can be negative.**
	T0423		**Adjustment Charge Amount**	**N**	**Number**	**15,2**	**Monetary Amount**	**The value of the Adjustment charge that will be included on the invoice in pounds and pence. This is equal to the Revised Charge Amount minus the original Charge Amount.**	**Can be negative**
	A0055		**Original Invoice Reference**	**Y**	**Integer**	**10**		**Specifies the TRANSACTION_REFERENCE of the original invoice to which the adjustments apply**	
	T0329		**Original Geographic Area Invoice Reference**	**Y**	**Integer**	**10**		**Specifies the Reference of the original GEOGRAPHIC_AREA_INVOICE_REFERENCE to which the adjustments apply**	
	T0426		**Quantity**	**Y**	**Number**	**10,2**		**Specifies the number of items from which the charge is derived**	
Job								**Details customer reference and the job completion date**	
	T0427		**Standard Or Non-Standard Indicator**	**N**	**Text**	**1**	**Code**	**A code indicating if the Job is standard or non-standard. "S" = Standard "N" = Non-Standard**	
	T0428		**Job Date**	**Y**	**Date**	**8**	**Date**	**Date on which the job was completed.**	**Format YYYYMMDD e.g. 20020401**
	T0429		**TMS Job Reference**	**Y**	**Integer**	**12**		**A unique reference assigned by TMS to a work request (i.e. notification number).**	

3.5 PEMS

Invoice Example

Acme Gas & Electric Ltd
London Road
Chalfont St Giles
Bucks HP8 1XX

VAT Reg No 456123987

Transco Metering Services Ltd
35 Homer Road
Solihull
B91 3JQ

Invoice Date 15 Feb 2004

Invoice Number 9000001

PEMS Invoice – January 2004

Transaction Type	Transaction Reason	Volume	Unit Rate	Amount Due
EXCHG	LEAKY	2	40.00	80.00
EXCHG	FULTY	1	50.00	50.00
OTVST	UPGRAD	3	50.00	150.00
OTVST	TAMPM	4	30.00	120.00
OTVST	CARPM	1	40.00	

Sub-Total 440.00
VAT @ 17.5% 77.00
TOTAL 517.00

NB. Unit Rates are for illustrative purposes only.

Supporting Data Example

PEMS Invoice – January 2004

Invoice Number 9000001

Supporting Data

Notification	MPR	ADDRES	DATE/TIM	JOB
EMERG	1234	23 RAILWAY CUTTINGS, EAST CHEAM,	1/1/04 12:00	EXCHG
EMERG	1235	15TH FLOOR, 100 NELSON MANDELA HOUSE, PECKHAM,	1/1/04 12:00	EXCHG
EMERG	1239	5 BROOKSIDE CLOSE, LIVERPOOL,	5/1/04 12:00	EXCHG
	1236	MEWS COTTAGE, OILDRUM LANE, SHEPHERDS BUSH,	2/1/04 12:00	OTVST
	1237	22B BAKER STREET, LONDON	3/1/04 12:00	OTVST
	1238	10 DOWNING STREET, LONDON,	4/1/04 12:00	OTVST
	1245	43 ALBERT SQUARE, WALFORD, LONDON,	6/1/04 12:00	OTVST
	54612	17 CORONATION STREET, WETHERFIELD,	7/1/04 12:00	OTVST
	54712	41 ALBERT SQUARE, WALFORD, LONDON,	8/1/04 12:00	OTVST
	54812	7 BROOKSIDE CLOSE, LIVERPOOL,	10/1/04 12:00	OTVST
	76532	1 ACACIA AVENUE, SURBITON, SURREY	1/11/04 3:00	OTVST

Credit Note Example

Acme Gas & Electric Ltd
London Road
Chalfont St Giles
Bucks HP8 1XX

VAT Reg No 456123987

Transco Metering Services Ltd
35 Homer Road
Solihull
B91 3JQ

Invoice Date 15 Mar 2004

Invoice Number 9000002

PEMS Credit Note – January 2004

Transaction Type	Transaction Reason	Volume	Unit Rate	Amount Due
OTVST	UPGRAD	2	-50.00	-100.00
OTVST	CARDM	1	-40.00	- 40.00 -

Sub-Total -140.00
VAT @ 17.5% - 24.50
TOTAL -164.50

Supporting Data Example

Supporting Data Example

Credit Note Supporting Data

Invoice Number 9000002

Supporting Data

Notification Reference	MPRN	ADDRESS	DATE/TIME	JOB CODE
	12367	MEWS COTTAGE, OILDRUM LANE, SHEPHERDS BUSH, LONDON W12 1PP	2/1/04 12:00 AM	OTVST UPGRAD
	12378	22B BAKER STREET, LONDON W1N 1NN	3/1/04 12:00 AM	OTVST UPGRAD
	765321	1 ACACIA AVENUE, SURBITON, SURREY KT1 1VV	1/11/04 3:00 AM	OTVST CARDM

PEMS Query Template

Transco Metering Services Ltd - PEMS Query Template

*Please note that all fields are mandatory

Invoice Number	Billing Period	MPRN	Job Type Code	Charge Amount	Amount in Query	Witheld Amount Balance	Query Explanation

3.6 Transco Metering Services Limited – PEMs Query Summary

Remittance Advice Summary

Invoice Number:

	Job Type	Charge Amount	Amount Queried/Withheld	Amount Paid
Total				

*** Please see the Query Template for full Query detail.**