TRANSPORTER TO CUSTOMER
AI_0_BILLREADS

HD_A00_STANDARD_HEADER					
UK-Link standard header for all files sent between the Transporter and another Organisation					
OCCURS MAX: 1					
RECORD/FIELD NAME	OPT	DOM	LNG	DEC	DESCRIPTION
TRANSACTION_TYPE	M	T	3	0	DEFINITION: A code identifying the type of request that this record represents VALUE: A00
ORGANISATION_ID	M	N	10	0	DEFINITION: An reference which uniquely identifies a Customer/Organisation.
FILE_TYPE	M	T	3	0	DEFINITION: An application specific code used to identify the structure and the usage of the file.
CREATION_DATE	M	D	8	0	DEFINITION: The date on which the file was generated.
CREATION_TIME	M	M	6	0	DEFINITION: The time at which the file was generated (within the Creation Date).
GENERATION_NUMBER	M	N	6	0	DEFINITION: A sequence number which represents an issue of a file from the organisation (indicated by the organisation id), and, of the file type (indicated by file type) e.g. The first Nominations file from an Organisation will have the number 1, the second, number 2 etc. Each file sent either from an organisation to the Transporter or from the Transporterto an Organisation within one file type must have consecutive numbers.
Total			36		

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RT_M03_BILLREADS (BILLREADS)					
M03 Record Type for Billable Meter Reads information					
OCCURS MAX: n/a					
RECORD/FIELD NAME	OPT	DOM	LNG	DEC	DESCRIPTION
TRANSACTION_TYPE	M	T	3	0	A record type to identify the billreads record. Always set to M03.
SHIPPER_REFERENCE	M	T	30	0	A reference provided by the Shipper to identify a Confirmation once an offer has been confirmed. Note:- When the shipper is not the owner of the Meter Point, it will have the text "sub-deduct".
SEND_REASON_CODE	M	T	1	0	F – First issue of reading to Shipper. A – Reading has been Amended since being forwarded to Shipper.
ACTUAL_READ_DATE	M	D	8	0	Meter reading actual read date (format CCYYMMDD).
METER_SERIAL_NUMBER	M	T	14	0	The manufacturers meter serial number.
METER_POINT_REFERENCE	M	N	10	0	An unique identifier for the point at which a meter is, has been or will be connected to the gas network. The meter point reference is a meaningless, sequence generated number.
PRIME_METER_POINT_REFERENCE	O	N	10	0	This will be populated with the prime meter point reference, if the reading is for a sub-deduct meter and the shipper owns both the sub-deduct meter and the prime meter. Else it will be blank.
BILLING_INDICATOR	M	T	1	0	Y – System User of main meter is the same System User of the sub meter, otherwise N.
READ_SEQUENCE	M	N	1	0	Where > 1 read on the same date for a supply, this field specifies the order of readings at that point of supply. The sequence is Exchange, Transfer and Cyclic.
READ_REASON_CODE	M	T	4	0	CYSS Cyclic 6 monthly billing read for small sites consuming less than 2500 therms p.a. CYNM Cyclic 6 monthly billing read for large sites consuming >= 2500 therms p.a. CYSM Cyclic Monthly billing read for small sites consuming less than 2500 therms p.a. CYLM Cyclic Monthly billing read for large sites consuming >= 2500 therms p.a. CYQR Cyclic Quarterly read for small sites read every quarter. Satisfies a GasCare requirement. CYTM Cyclic read for large monthly sites read through the month. CYTS Cyclic read for small monthly sites read through the month. MRSS A billing read made whilst enforcing the Transporter ust read policy for small non-monthly read sites. MRSM A billing read made whilst enforcing the Transporter ust read policy for small monthly read sites. MRLM A billing read made whilst enforcing the Transporter must read policy for large monthly read sites. MRNM A billing read made whilst enforcing the Transporter must read policy for small non_monthly read sites. DLVR A datalogger verification read. OPNT The opening read for a meter where the billing liability has been transferred to the System User. OPNX The opening read for a meter which has been installed as part of a meter change. OPNN The opening read for a new meter. FINT The final read for a meter where the billing liability has been transferred away from the System User. FINX The final read for a meter which has been removed as part of a meter exchange. FINC The final read for a meter which has been removed from the network. SHPR A reading which has been requested by the System User. This reading is for System User information only and will not be used as part of Transporter billing calculations. QUVR A reading taken as a result of a System User query over a previous reading. The reading is for System User information only and will not be used as part of Transporter billing calculations. MPCO Read for a capped meter. MPCF Closing read when capped. MPUO M/Point Uncapped open read MPUF M/Point Uncapped closing read MRUN Must Read Unbundled metering.

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READ_TYPE	M	T	1	0	N – Normal Read, E – Estimated Read (Auto), M – Estimated Read (Manual), C – End User Customer provided read, S – System User provided read, I – Information Read, F – Final read for the meter, input by the clerk, O – Opening Read for the meter, input by the clerk. The following read types are for the unbundled readings (shipper provided):- A – Agreed between shippers. U – Meter reading agency provided read. K – End consumer read provided by shipper. J – Further read agreed between shippers (used for final unbundled meter readings. L – Further read not agreed between shippers (used for final unbundled meter readings). B –Transporter Estimated Unbundled. D – Transporter Estimated Unbundled Final Read. V – Verification Read **This is used for bundled sites**. W – Unbundled version of a V Read. With this read type an incoming cyclic read is adopted for the purpose of an opening read. H – Automatic Reading copied from datalogger **bundled**. xRnn - Replacement Reads where nn indicates the number of reads (e.g. 01, 02, 03 etc.,) and x indicated the different read types (like A,J, I etc.,)
METER_READING	M	T	10	0	The value of the meter reading where no corrector is fitted.
NUMBER_OF_DIALS_OR_DIGITS	M	N	2	0	Number of dials or digits on the meter which are considered during meter reading. Used to validate meter readings and to determine the number of complete units consumed.
CORRECTOR_UNCORRECTED_READING	O	T	10	0	The value of the corrector uncorrected reading. This field will be populated when a meter has a corrector fitted and is functioning normally. Correctors provide two readings, uncorrected and corrected. This field represents the uncorrected reading i.e.., the value of a meter reading before the corrector corrects it.
NUMBER_OF_DIALS_UNCORRECTED	O	N	2	0	The uncorrected number of dials or digits for the corrector.
CORRECTOR_CORRECTED_READING	O	T	10	0	The value of the corrector corrected reading. This field will be populated when a meter has a corrector fitted and is functioning normally. Correctors provide two readings, uncorrected and corrected. This field represents the corrected reading i.e.., the value of the meter reading after the corrector corrects it.
NUMBER_OF_DIALS _CORRECTED	O	N	2	0	The corrected number of dials or digits for the corrector.
OVERRIDE_VOLUME	O	N	12	2	This is the corrected volume arrived at by negotiation with the System User/Customer to represent the true volume consumed e.g.., unregistered gas,
OVERRIDE_VOLUME_UNITS	O	T	2	0	CM – cubic meters, CF – cubic feet
OVERRIDE_REASON	O	T	40	0	This is the reason for the override volume. This is free text, examples are “Bypass open”, “Meter faulty” etc..
BYPASS_STATUS	M	T	1	0	A value to show the condition of the bypass when the meter was read: (O)pen, (C)losed, (U)nchecked, (N)o bypass fitted.
COLLAR_STATUS	M	T	1	0	The condition of the collar when the meter was read: (I)ntact, (B)roken, (Unchecked), (N)o collar fitted.
CAPPED_STATUS	M	T	1	0	The condition of the cap when the meter was read: (C)apped, (U)nchecked, (N)ot capped.
CORRECTOR_STATUS	M	T	1	0	The condition of a corrector when the meter was read: (F)aulty, (N)one fitted, (O)kay.
NOTE_CODE_1	O	N	3	0	There can be a maximum of 5 occurrences of note codes from the following list: 124 – Corrector faulty meter reading only supplied. 126 – Vacant premises, 127 – Apparent change of tenancy, 128 – Unable to access premises, 129 – Unable to access meter, 130 – Final reading meter/corrector exchanged, 131 – opening readings, new meter set, 137 – Premises demolished.
NOTE_CODE_2	O	N	3	0	Description as per note code 1.
NOTE_CODE_3	O	N	3	0	Description as per note code 1.
NOTE_CODE_4	O	N	3	0	Description as per note code 1.
NOTE_CODE_5	O	N	3	0	Description as per note code 1.
METRIC_IMPERIAL_INDICATOR	M	T	1	0	Indicator identifying if the meter measures volume of gas consumed in metric or imperial units: M – Metric, I – Imperial.
METER_CORRECTION_FACTOR	M	N	9	6	This is a fixed factor where no corrector is fitted and the meter reading needs to be corrected for pressure/altitude/ temperature.

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CORRECTOR_CORRECTION_FACTOR	O	N	9	6	Correction factor to be applied in addition to the correction performed by a corrector.
READING_FACTOR	M	N	8	3	The factor to apply to volumes calculated from meter readings to convert hundreds of cubic feet if imperial or cubic meters if metric.
METER_THROUGH_ZEROS_COUNT	M	N	2	0	This is the number of times a meter has gone through the zeros between the present and previous readings. The value can be negative only when the previous reading is an estimate.
CORRECTOR_THROUGH_ZEROS_COUNT	M	N	2	0	This is the number of times a corrector has gone through the zeros between the present and previous readings. The value can be negative only when the previous reading is an estimate.
METERING_SET_REFERENCE_NUMBER	M	N	9	0	A sequence number used to identify the configuration on the Shipper communication file. It is updated every time a transaction is input which updates the configuration.
CONFIRMATION_REFERENCE_NUMBER	M	T	9	0	A designed sequential number to uniquely identify a specific confirmation. The number is allocated when the confirmation is created.
NON_CYCLIC_TOLERANCE	M	T	1	0	Informs the System User if inner or outer tolerances have failed for non-cyclic reads for unbundled service only. (I)nner tolerance failed, (O)uter tolerance failed, (N)ot applicable as either cyclic read or not unbundled.
METER_PULSE_VALUE	M	N	7	2	The pulse value of the meter model e.g. 0.01, 0.1, 0, 1, 10, 100, 1000, 10000
METER_MANUFACTURER_ORG_ID	O	N	10	0	A system generated number to uniquely identify a Meter Manufacturer.
METER_LOCATION_DESCRIPTION	O	T	40	0	A free format description of the location of the meter. This is only required if a meter exchange has taken place.
METER_LOCATION_CODE	O	N	2	0	A code representing the location of a meter. Values are: 00 – Unknown, 01 – Cellar, 02 – Under Stairs, 03 – Hall, 04 – Kitchen, 05 – Bathroom, 06 – Garage, 07 – Canteen, 08 – Cloakroom, 09 – Cupboard, 10 – Domestic Science, 11 – Front Door, 12 – Hall Cupboard, 13 – Kitchen Cupboard, 14 – Kitchen under the sink, 15 – Landing, 16 – Office, 17 – Office Cupboard, 18 – Outside WC, 19 – Pantry, 20 – Porch, 21 – Public Bar, 22 – Rear of Shop, 23 – Saloon Bar, 24 – Shed, 25 – Shop Front, 26 – Shop Window, 27 – Staff Room, 28 – Store Room, 29 – Toilet, 30 – Under Counter, 31 – Waiting Room , 32 – Meter box, 98 – Other, 99 – Outside. This is only required if a meter exchange has taken place.
METER_MODEL	O	T	10	0	The model description of the meter.
CORRECTOR_SERIAL_NUMBER	O	T	14	0	The manufacturers Corrector serial number.
METER_MECHANISM	M	T	3	0	The coded value of the description of the meter mechanism: CR – Credit, MT – Mechanical Token, ET – Electrical Token, CM – Coin, PP – Prepayment, TH – Thrift, U – Unknown
CORRECTED_READING_UNITS	M	N	5	0	This contains the units the corrected corrector reading is read in e.g. 10, 100, 1000.
Total			330		

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TR_Z99_STANDARD_TRAILER					
UK-Link standard Trailer for all files sent between Transporter and another Organisation					
OCCURS MAX: 1					
RECORD/FIELD NAME	OPT	DOM	LNG	DEC	DESCRIPTION
TRANSACTION_TYPE	M	T	3	0	DEFINITION: A code identifying the type of request that this record represents VALUE: Z99
RECORD_COUNT	M	N	10	0	DEFINITION: The number of detail records contained within the file. This should not include the Standard Header (A00) and Standard Trailer (Z99) but should include any File Specific Headers and Trailers specified for this file type.
Total			13		

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