Reconciliation Invoice - Proposed 'Thin' Invoice File (.REC)

AI_O_RECONCILIATION_INVOICE

Contains 7 different record types:-

Level	Record Name	Occurrences	Optionality
1	hd_a00_standard_header	1	M
1	rt_w26_rec_inv_detail	1	M
2	rt_w05_invoice_clause	up to 4	M
2	rt_v01_VAT_total	up to 5	M
1	tr_z99_standard_trailer	1	M

Note 1 Volumetrics assumes full competition across domestic and commercial markets.

Note 2 OPT - Optional, Mandatory,   DOM - Domain i.e. Text., Numeric, Date,
QTimestampMTimestamp
            DEC - Number of decimal places

AI_RECONCILIATION_INVOICE

HD_A00_STANDARD_HEADER

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	N	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.
CREATION_DATE	M	D	8	0	The date on which the file was generated.
CREATION_TIME	M	M	6	0	The time at which the file was generated (within the Creation Date).
GENERATION_NUMBER	M	N	6	0	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 to an Organisation within one file type must have consecutive numbers.

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RT_W26_REC_INV_DETAIL
(Reconciliation Invoice Detail)

RECORD/FIELD NAME * OCCURS MAX 1 *	OPT	DOM	LNG	DEC	DESCRIPTION
TRANSACTION_TYPE	M	T	3	0	A code identifying the type of request this record represents. CONTEXT: W26
ISH_ORGANISATION_ID	M	N	10	0	A unique number identifying a shipper.
INV_NUMBER	M	N	6	0	Holds the unique number by which an Invoice is known.
ITP_CODE	M	T	3	0	A three character unique identifier of an Invoice Type. Allowable values : REC = Reconciliation
INV_BILLING_PERIOD_YEAR	M	N	4	0	Holds the year to which the invoice relates combined with BILLING PERIOD MONTH will give billing period which the invoice covers.
INV_BILLING_PERIOD_MONTH	M	N	2	0	Holds the month to which the invoice relates. PERMITTED VALUES: 01-12 CODE VALUES AND MEANINGS: 01 - January 02 - February 03 - March 04 - April 05 - May 06 - June 07 - July 08 - August 09 - September 10 - October 11 - November 12 - December
INV_AMOUNT_DUE	M	N	11	2	Holds sum of debit amount due for all debit invoice items on the invoice. (VAT exclusive). Unit - Pounds
INV_VAT_AMOUNT_DUE	M	N	10	2	Holds sum of all VAT amounts due for all debit invoice items on the invoice. Unit - Pounds
INV_GROSS_TOTAL	M	N	12	2	Holds sum of INV_AMOUNT_DUE and INV_VAT_AMOUNT_DUE for all debit invoice items on the invoice. (VAT inclusive). Unit - Pounds
CREDIT_AMOUNT_DUE	M	N	11	2	Holds the sum net amount of all the credit invoice items. Unit - Pounds. For clarity, non zero amounts will be prefixed by a minus sign.
CREDIT_VAT_AMOUNT_DUE	M	N	10	2	Holds the sum of VAT for all credit invoice items. Unit — Pounds. For clarity, non zero amounts will be prefixed by a minus sign.
CREDIT_GROSS_TOTAL	M	N	12	2	Holds the sum of CREDIT_AMOUNT_DUE and CREDIT_VAT_AMOUNT_DUE for all credit invoice items. Unit — Pounds. For

					clarity, non zero amounts will be prefixed by a minus sign.
VAT_CHARGED_TO_NWO	M	N	10	2	Holds the sum of the Invoice Item VAT amounts charged to Network Operator (NWO).
VAT_CHARGED_TO_SHIPPER	M	N	10	2	Holds the sum of the Invoice Item VAT amounts charged to a Shipper
INV_TAX_POINT_DATE	M	D	8	0	Holds the tax point date.
NOD_VAT_REGISTRATION_NUMBER	M	T	~~12~~20	0	The VAT Number used on the Invoice. This will be the NWO VAT registration number.
NOD_BANK_SORT_CODE	M	T	8	0	Holds details of NWO's sort code.
NOD_BANK_ACCOUNT_CODE	M	T	9	0	This is bank account number for NWO.
NOD_BANK_ACCOUNT_NAME	M	T	30	0	This is NWO's bank account name.
ISH_VAT_REGISTRATION_NUMBER	M	~~N~~T~~9~~20		0	The VAT registration number for the party to whom the invoice is issued.
ISH_BANK_ACCOUNT_NUMBER	M	T	8	0	The Account Number via which financial transactions are routed.
ISH_BANK_SORT_CODE	M	T	6	0	The sort code of the Bank holding the customer's account.
IIT_NRE_NUMBER	M	N	3	0	Identifies the line number of an invoice item within a particular invoice.
CTP_NRE_CODE	M	T	3	0	Identifies the charge type. NTS Exit Commodity Reconciliation Charge = NRE
IIT_NRE_AMOUNT_DUE	M	N	11	2	Holds the sum of the NRE charges for the billing period. Net of VAT PERMITTED VALUES: Monetary values -999999999.99 to 999999999.99 Unit - Pounds
VTR_NRE_RATE	M	N	6	4	Holds the VAT rate applicable to the NTS Exit Commodity Reconciliation charge.
IIT_NRE_VAT_AMOUNT	M	N	10	2	Holds the sum of VAT applied to that line amount. PERMITTED VALUES: Monetary values -999999999.99 to 99999999.99 Unit - Pounds
IIT_NRE_TOTAL_AMOUNT_DUE	M	N	12	2	Holds the sum of the invoice line amount plus the VAT applied to that line amount. PERMITTED VALUES: Monetary values -999999999.99 to 9999999999.99 Unit - Pounds
IIT_NRE_INVALID_CHARGE_ITEMS	M	N	7	0	The number of invalid charge items associated to the invoice item which have

					not been calculated due to missing or invalid data.
IIT_GRE_NUMBER	M	N	3	0	Identifies the line number of an invoice item within a particular invoice.
CTP_GRE_CODE	M	T	3	0	Identifies the charge type. GAS VARIANCE RECONCILIATION charge = GRE
IIT_GRE_AMOUNT_DUE	M	N	11	2	Holds the sum of the GRE charges for the Billing Period. Net of VAT PERMITTED VALUES: Monetary values -999999999.99 to 999999999.99 Unit - pounds
VTR_GRE_RATE	M	N	6	4	Holds the VAT rate as applicable to the Gas variance reconciliation charge
IIT_GRE_VAT_AMOUNT	M	N	10	2	Holds the sum of the VAT applied to the invoice line amount. PERMITTED VALUES: Monetary values -99999999.99 to 99999999.99 Unit - pounds
IIT_GRE_TOTAL_AMOUNT_DUE	M	N	12	2	Holds the sum of the invoice line amount plus the VAT applied to that line amount. PERMITTED VALUES: Monetary values -9999999999.99 to 9999999999.99 Unit - pounds
IIT_GRE_INVALID_CHARGE_ITEMS	M	N	7	0	The number of invalid Charge Items associated to this Invoice Item which have not been calculated due to missing or invalid data.
IIT_RBN_NUMBER	M	N	3	0	Identifies the line number of an invoice item within a particular invoice.
CTP_RBN_CODE	M	T	3	0	Identifies the charge type. RBD NTS Exit commodity reconciliation charge = RBN
IIT_RBN_AMOUNT_DUE	M	N	12	2	Holds the sum of the RBN charges for the Billing Period. Net of VAT PERMITTED VALUES: Monetary values -999999999.99 to 999999999.99 Unit - pounds
VTR_RBN_RATE	M	N	6	4	Holds the VAT rate as applicable to the RBD NTS Exit Commodity Reconciliation charge.
IIT_RBN_VAT_AMOUNT	M	N	10	2	Holds the sum of the VAT to be applied to the invoice line amount. PERMITTED VALUES: Monetary values -99999999.99 to 99999999.99 Unit - Pounds
IIT_RBN_TOTAL_AMOUNT_DUE	M	N	12	2	Holds the sum of the invoice line amount plus the VAT to be applied to that line amount.

					PERMITTED VALUES: Monetary values -9999999999.99 to 9999999999.99 Unit - Pounds
IIT_RBG_NUMBER	M	N	3	0	Identifies the line number of an invoice item within a particular invoice.
CTP_RBG_CODE	M	T	3	0	Identifies the charge type. RBD Gas variance reconciliation charges = RBG
IIT_RBG_AMOUNT_DUE	M	N	11	2	Holds the sum of the RBG charges for the Billing Period. Net of VAT PERMITTED VALUES: Monetary values -999999999.99 to 999999999.99 Unit - pounds
VTR_RBG_RATE	M	N	6	4	Holds the VAT rate as applicable to the RBD Gas Variance reconciliation charge
IIT_RBG_VAT_AMOUNT	M	N	10	2	Holds the sum of the VAT applied to the invoice line amount. PERMITTED VALUES: Monetary values -99999999.99 to 99999999.99 Unit - pounds
IIT_RBG_TOTAL_AMOUNT_DUE	M	N	12	2	Holds the sum of the invoice line amount plus the VAT applied to that line amount. PERMITTED VALUES: Monetary values -9999999999.99 to 9999999999.99 Unit - pounds
IIT_RCN_NUMBER	M	N	3	0	Identifies the line number of an invoice Item within a particular invoice.
CTP_RCN_CODE	M	T	3	0	Identifies the charge type. RBD CSEP NTS Exit commodity reconciliation charges = RCN
IIT_RCN_AMOUNT_DUE	M	N	11	2	Holds the sum of the RCN charges for the Billing Period. Net of VAT PERMITTED VALUES: Monetary values -999999999.99 to 999999999.99 Unit - pounds
VTR_RCN_RATE	M	N	6	4	Holds the VAT rate as applicable to the RBD CSEP NTS Exit Commodity Reconciliation charge.
IIT_RCN_VAT_AMOUNT	M	N	10	2	Holds the sum of the VAT applied to the invoice line amount. PERMITTED VALUES: Monetary values -99999999.99to 99999999.99 Unit - pounds
IIT_RCN_TOTAL_AMOUNT_DUE	M	N	12	2	Holds the sum of the invoice line amount plus the VAT applied to that line amount. PERMITTED VALUES: Monetary values -9999999999.99 to 9999999999.99 Unit - pounds
IIT_RCG_NUMBER	M	N	3	0	Identifies the line number of an invoice item within a particular invoice.

CTP_RCG_CODE	M	T	3	0	Identifies the charge type. RBD CSEP Gas variance reconciliation charges = RCG
IIT_RCG_AMOUNT_DUE	M	N	11	2	Holds the sum of the RCG charges for the Billing Period. Net of VAT PERMITTED VALUES: Monetary values -999999999.99 to 999999999.99 Unit - pounds
VTR_RCG_RATE	M	N	6	4	Holds the VAT rate as applicable to the RBD CSEP Gas variance reconciliation charge.
IIT_RCG_VAT_AMOUNT	M	N	10	2	Holds the sum of the VAT applied to the invoice line amount. PERMITTED VALUES: Monetary values -99999999.99 to 99999999.99 Unit - pounds
IIT_RCG_TOTAL_AMOUNT_DUE	M	N	12	2	Holds the sum of the invoice line amount plus the VAT applied to that line amount. PERMITTED VALUES: Monetary values -9999999999.99 to 9999999999.99 Unit – pounds
IIT_ZRE_NUMBER	M	N	3	0	Identifies the line number of an invoice item within a particular invoice.
CTP_ZRE_CODE	M	T	3	0	Identifies the charge type. LDZ Commodity Reconciliation Charge = ZRE
IIT_ZRE_AMOUNT_DUE	M	N	11	2	Holds the sum of the ZRE charges for the Billing Period. Net of VAT PERMITTED VALUES: Monetary values –999999999.99 to 999999999.99 Unit - pounds
VTR_ZRE_RATE	M	N	6	4	Holds the VAT rate as applicable to LDZ Commodity Reconciliation charge.
IIT_ZRE_VAT_AMOUNT	M	N	10	2	Holds the sum of the VAT applied to the invoice line amount. PERMITTED VALUES : Monetary values -99999999.99 to 99999999.99 Unit - pounds
IIT_ZRE_TOTAL_AMOUNT_DUE	M	N	12	2	Holds the sum of the invoice line amount plus the VAT applied to that line amount. PERMITTED VALUES : Monetary values -9999999999.99 to 9999999999.99 Unit - pounds
IIT_ZRE_INVALID_CHARGE_ITEMS	M	N	7	0	The number of invalid charge items associated to the invoice item which have not been calculated due to missing or invalid data.

IIT_RBZ_NUMBER	M	N	3	0	Identifies the line number of an invoice item within a particular invoice
CTP_RBZ_CODE	M	T	3	0	Identifies the charge type for RBD LDZ commodity reconciliation charge = RBZ.
IIT_RBZ_AMOUNT_DUE	M	N	12	2	Holds the sum of the charges for charge type RBZ calculated during the Billing Period. Exclusive of VAT. PERMITTED VALUES : Monetary values -9999999999.99 to 9999999999.99 Unit - Pounds
VTR_RBZ_RATE	M	N	6	4	Holds the VAT rate as applicable to the RBD LDZ Commodity Reconciliation charges.
IIT_RBZ_VAT_AMOUNT	M	N	10	2	Holds the sum of the VAT applied to the invoice line amount. PERMITTED VALUES : Monetary values -99999999.99 to 99999999.99 Unit - pounds
IIT_RBZ_TOTAL_AMOUNT_DUE	M	N	12	2	Holds the sum of the invoice line amount plus the VAT applied to that line amount. PERMITTED VALUES : Monetary values -9999999999.99 to 9999999999.99 Unit - pounds
IIT_RBC_NUMBER	M	N	3	0	Identifies the line number of an invoice item within a particular invoice.
CTP_RBC_CODE	M	T	3	0	Identifies the charge type. RBD Customer commodity reconciliation charges = RBC
IIT_RBC_AMOUNT_DUE	M	N	12	2	Holds the sum of the RBC charges for the Billing Period. Net of VAT PERMITTED VALUES: Monetary values -999999999.99 to 999999999.99 Unit - pounds
VTR_RBC_RATE	M	N	6	4	Holds the VAT rate as applicable to the RBD Customer commodity Reconciliation charge.
IIT_RBC_VAT_AMOUNT	M	N	10	2	Holds the sum of the VAT applied to the invoice line amount. PERMITTED VALUES: Monetary values -99999999.99 to 99999999.99 Unit - pounds
IIT_RBC_TOTAL_AMOUNT_DUE	M	N	12	2	Holds the sum of the invoice line amount plus the VAT applied to that line amount. PERMITTED VALUES: Monetary values -9999999999.99 to 9999999999.99 Unit – Pounds
IIT_RCZ_NUMBER	M	N	3	0	Identifies the line number of an invoice Item within a particular invoice.

Field	M/O	Type	Len	Dec	Description
CTP_RCZ_CODE	M	T	3	0	Identifies the charge type. RBD CSEP LDZ commodity reconciliation charges = RCZ
IIT_RCZ_AMOUNT_DUE	M	N	11	2	Holds the sum of the RCZ charges for the Billing Period. Net of VAT PERMITTED VALUES: Monetary values -999999999.99 to 999999999.99 Unit - pounds
VTR_RCZ_RATE	M	N	6	4	Holds the VAT rate as applicable to the RBD CSEP LDZ Commodity Reconciliation charges.
IIT_RCZ_VAT_AMOUNT	M	N	10	2	Holds the sum of the VAT applied to the invoice line amount. PERMITTED VALUES: Monetary values -99999999.99 to 99999999.99 Unit - pounds
IIT_RCZ_TOTAL_AMOUNT_DUE	M	N	12	2	Holds the sum of the invoice line amount plus the VAT applied to that line amount. PERMITTED VALUES: Monetary values -9999999999.99 to 9999999999.99 Unit - pounds
ENERGY_TRANSPORT_IDENTIFIER	M	T	1	0	Identifier that will distinguish the Reconciliation Invoice type. Allowable values: E – Reconciliation Energy T – Reconciliation Transportation
NWO_SHORT_CODE	M	T	3	0	A code identifying the Network Operator on whose behalf this file is sent.
NOD_VAT_REG_NAME	M	T	30	0	The VAT Registration Name for the NWO.
NOD_ADDRESS_LINE_1	M	T	35	0	The address of the relevant party on whose behalf the invoice is being issued.
NOD_ADDRESS_LINE_2	M	T	35	0	The address of the relevant party on whose behalf the invoice is being issued.
NOD_ADDRESS_LINE_3	M	T	35	0	The address of the relevant party on whose behalf the invoice is being issued.
NOD_ADDRESS_LINE_4	M	T	35	0	The address of the relevant party on whose behalf the invoice is being issued.
FILE_NAME	M	T	18	0	The name of the corresponding Supplementary file. FORMAT: XXX01.PNnnnnnn.RCS

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RT_W05_INVOICE_CLAUSE (.)

RECORD/FIELD NAME * OCCURS MAX 4 *	OPT	DOM	LNG	DEC	DESCRIPTION
TRANSACTION_TYPE	M	T	3	0	Identifies the type of request this record represents. CONTEXT: W05
ISC_LINE_1_TEXT	M	T	200	0	The first 200 characters of the Textual statement which appears within an invoice.
ISC_LINE_2_TEXT	O	T	200	0	The 201- 400 characters of the Textual statement which appears within an invoice.

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RT_V01_VAT_TOTAL

RECORD/FIELD NAME	OPT	DOM	LNG	DEC	DESCRIPTION
* OCCURS MAX 5 *					
TRANSACTION_TYPE	M	T	3	0	A code identifying the type of information that this record contains 'V01'
VAT_CODE	M	T	3	0	A code identifying the type of VAT being used. Within a particular invoice.
VAT_PERCENTAGE	M	N	6	4	The percentage used to calculate the VAT amount.
TOTAL_VAT_AMOUNT	M	N	13	2	The total amount of the VAT due for the invoice (£).

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TR_Z99_STANDARD_TRAILER

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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