

Commodity Invoice – Proposed ‘Thin’ invoice file (.COY)

AI_O_COMMODITY_INVOICE_FILE

Contains 7 different record types:-

Level	Record Name	Occurrences	Optionality
1	hd_a00_standard_header	1	M
1	rt_w04_comm_inv_det	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,
QTimestamp MTimestamp

DEC - Number of decimal places

***** record types *****

AI_O_COMMODITY_INVOICE_FILE

HD_A00_STANDARD_HEADER

<u>RECORD/FIELD NAME</u> * OCCURS MAX. 1 *	<u>OPT</u>	<u>DOM</u>	<u>LNG</u>	<u>DEC</u>	<u>DESCRIPTION</u>
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.

RT_W04_COMM_INV_DETAIL
(Commodity Invoice Details.)

<u>RECORD/FIELD NAME</u> * OCCURS MAX. 1 *	<u>OPT</u>	<u>DOM</u>	<u>LNG</u>	<u>DEC</u>	<u>DESCRIPTION</u>
TRANSACTION_TYPE	M	T	3	0	Identifies the request this record type represents. CONTEXT: W04
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 : COM = Commodity
INV_BILLING_PERIOD_YEAR	M	N	4	0	This attribute 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	This attribute 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.
CREDIT_VAT_AMOUNT_DUE	M	N	10	2	Holds the sum of VAT for all credit invoice items. Unit – Pounds.
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.

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	This holds details of NWO's bank sort code.
NOD_BANK_ACCOUNT_CODE	M	T	9	0	This is the 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	NT 920		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_NCO_NUMBER	M	N	3	0	Identifies the line number of an invoice item within a particular invoice.
CTP_NCO_CODE	M	T	3	0	Identifies the charge type. NTS EXIT COMMODITY = NCO
IIT_NCO_AMOUNT_DUE	M	N	11	2	Holds the sum of the NCO charges for the Billing Period. Net of VAT PERMITTED VALUES : Monetary values 0 to 999999999.99 Unit - pounds
VTR_NCO_RATE	M	N	6	4	Holds the VAT rate as applicable to the NTS Exit commodity charge.
IIT_NCO_VAT_AMOUNT_DUE	M	N	10	2	Holds the sum of the VAT applied to the invoice line amount. PERMITTED VALUES : Monetary values 0 to 999999999.99 Unit - pounds
IIT_NCO_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 0 to 999999999.99 Unit - pounds
IIT_NCO_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_ZCO_NUMBER	M	N	3	0	Identifies the line number of an invoice item within a particular invoice.

CTP_ZCO_CODE	M	T	3	0	Identifies the charge type LDZ COMMODITY = ZCO
IIT_ZCO_AMOUNT_DUE	M	N	11	2	Holds the sum of the ZCO charges for the Billing Period. Net of VAT PERMITTED VALUES : Monetary values 0 to 999999999.99 Unit - pounds
VTR_ZCO_RATE	M	N	6	4	Holds the VAT rate applicable to the LDZ Commodity charge.
IIT_ZCO_VAT_AMOUNT	M	N	10	2	Holds the sum of the VAT applied to the invoice line amount. PERMITTED VALUES : Monetary values 0 to 9999999.99 Unit - pounds
IIT_ZCO_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 0 to 999999999.99 Unit - pounds
IIT_ZCO_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_CCO_NUMBER	M	N	3	0	Identifies the line number of an invoice item within a particular invoice.
CTP_CCO_CODE	M	T	3	0	Identifies the charge type. CUSTOMER COMMODITY = CCO
IIT_CCO_AMOUNT_DUE	M	N	11	2	Holds the sum of the CCO charges for the Billing Period. Net of VAT PERMITTED VALUES : Monetary values 0 to 999999999.99 Unit - pounds
VTR_CCO_RATE	M	N	6	4	Hold the VAT rate applicable to the Customer commodity charge.
IIT_CCO_VAT_AMOUNT	M	N	10	2	Holds the sum of the VAT applied to the invoice line amount. PERMITTED VALUES : Monetary values 0 to 9999999.99 Unit - pounds
IIT_CCO_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 0 to 999999999.99 Unit - pounds
IIT_CCO_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_ZRA_NUMBER	M	N	3	0	Identifies the line number of an invoice item within a particular invoice.
CTP_ZRA_CODE	M	T	3	0	Identifies the charge type. CUSTOMER CAPACITY RATCHET = ZRA

IIT_ZRA_AMOUNT_DUE	M	N	11	2	Holds the sum of the ZRA charges for the Billing Period. Net of VAT. PERMITTED VALUES : Monetary values 0 to 999999999.99 Unit - pounds
VTR_ZRA_RATE	M	N	6	4	Holds the VAT rate applicable to the Customer capacity ratchet charge.
IIT_ZRA_VAT_AMOUNT	M	N	10	2	Holds the sum of the VAT applied to the invoice line amount. PERMITTED VALUES : Monetary values 0 to 9999999.99 Unit - pounds
IIT_ZRA_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 0 to 999999999.99 Unit - pounds
IIT_ZRA_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_SRA_NUMBER	M	N	3	0	Identifies the line number of an invoice item within a particular invoice.
CTP_SRA_CODE	M	T	3	0	Identifies the charge type. LDZ CAPACITY RATCHET = SRA
IIT_SRA_AMOUNT_DUE	M	N	11	2	Holds the sum of the SRA charges for the Billing Period. Net of VAT PERMITTED VALUES : Monetary values 0 to 999999999.99 Unit - pounds
VTR_SRA_RATE	M	N	6	4	Hold the VAT rate applicable to the LDZ Capacity ratchet charge.
IIT_SRA_VAT_AMOUNT	M	N	10	2	Holds the sum of the VAT applied to the invoice line amount. PERMITTED VALUES : Monetary values 0 to 9999999.99 Unit - pounds
IIT_SRA_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 0 to 999999999.99 Unit - pounds
IIT_SRA_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.
NWO_SHORT_CODE	M	T	3	0	A code identifying the Distribution Network Operator to whom this invoice is payable.
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.COS

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RT_W05_INVOICE_CLAUSE (.)

<u>RECORD/FIELD NAME</u>	<u>OPT</u>	<u>DOM</u>	<u>LNG</u>	<u>DEC</u>	<u>DESCRIPTION</u>
* OCCURS MAX. 4 *					
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

<u>RECORD/FIELD NAME</u>	<u>OPT</u>	<u>DOM</u>	<u>LNG</u>	<u>DEC</u>	<u>DESCRIPTION</u>
* 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.
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 (£).

2725

TR_Z99_STANDARD_TRAILER

<u>RECORD/FIELD NAME</u>	<u>OPT</u>	<u>DOM</u>	<u>LNG</u>	<u>DEC</u>	<u>DESCRIPTION</u>
* OCCURS MAX 1 *					
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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