## Reconciliation Invoice Supporting File - New File(.RCS)

### AI_O_RECONCILIATION_INV_BKP_FILE

Contains 15 different record types:-

| Level | Record Name | Occurrences | Optionality |
|---|---|---|---|
| 1 | hd_a00_standard_header | 1 | M |
| 1 | rt_i26_rec_inv_detail | 20 | M |
| 1 | rt_i05_invoice_clause | up to 4 | M |
| 1 | rt_i27_rec_inv_comm_charge | up to 2,400,000 | O |
| 2 | rt_i99_rec_inv_adjustment_detail | up to 120,000 to follow rt_i27 | O |
| 1 | rt_i28_rec_inv_other_charge | up to 7,200,000 | O |
| 2 | rt_i99_rec_inv_adjustment_detail | up to 360,000 to follow rt_i28 | O |
| 1 | rt_j13_rec_inv_rbd_charge | up to 17280 | O |
| 1 | rt_j14_rec_inv_rbd_ldz_aggregate | up to 720 | O |
| 1 | rt_j15_rec_inv_rbd_spg_detail | up to 558 | O |
| 1 | rt_i87_dm_rec_inv_comm_ charge | up to 9,125,000 | O |
| 1 | rt_i88_dm_rec_inv_other_ charge | up to 3 | O |
| 1 | rt_i58_inv_remittance | 20 | O |
| 2 | rt_i60_inv_item_remittance | up to 80 | O |
| 1 | tr_z05_rec_inv_trailer | 20 | 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, MTimestamp
DEC - Number of decimal places

## RT_I27_REC_INV_COMM_CHARGE

(Reconciliation charge detail for a meter reading.)

| RECORD/FIELD NAME<br>* OCCURS MAX 2400000 * | OPT | DOM | LNG | DEC | DESCRIPTION |
|---|---|---|---|---|---|
| TRANSACTION_TYPE | M | T | 3 | 0 | A code identifying the type of request this record represent. CONTEXT: I27 |
| RCH_SEQUENCE_NUMBER | M | N | 10 | 0 | A number to uniquely identify the charge item. |
| NMR_METER_POINT_REFERENCE | M | N | 10 | 0 | Meter point reference number. |
| NMR_SERIAL_NUMBER | M | T | 14 | 0 | Also referred to as meter number. This is the meter serial number. |
| NMR_METER_READ_REFERENCE _NUMBER | M | N | 8 | 0 | A unique sequence number that is used as an identifier on Shipper invoice support information. |
| CTP_CODE | M | T | 3 | 0 | Identifies the charge type - NTS Exit Commodity Reconciliation charge = 'NRE.' |
| NMR_START_METER_READ_DATE | M | D | 8 | 0 | Previous Meter or Corrector Reading Date Format: YYYYMMDD |
| NMR_END_METER_READ_DATE | M | D | 8 | 0 | Present Meter or Corrector Reading Date Format : YYYYMMDD |
| NMR_START_METER_READING | M | T | 12 | 0 | The reading is as provided via U01 read files. |
| NMR_END_METER_READING | M | T | 12 | 0 | The reading is as provided via U01 read files. |
| NMR_VOLUME_CONSUMED | M | N | 12 | 0 | Difference between previous and present meter reading multiplied by read units and then by correction factor and then (where appropriate) converted to Cubic Metres. |
| RVE_TOTAL_DEEMED_ALLOC_VOL | M | N | 13 | 0 | Contains the total deemed allocated volume calculated for the period of the reconciliation variance. Unit - Cubic Metres |
| RVE_TOTAL_DEEMED_ALLOC_ ENERGY | M | N | 13 | 0 | Contains the total deemed allocated energy calculated for the period of the reconciliation variance. Unit - kWh |
| NMR_TOTAL_ACTUAL_ENERGY | M | N | 13 | 0 | Derived by multiplying Allocated Energy by the Reconciliation Factor. (Rec factor = Ratio of actual :allocated volume). Unit - kWh |
| NMR_UNMETERED_CONSUMPTION | M | N | 12 | 0 | Identifies any unregistered gas consumption UNITS = CUBIC METRES |

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| RVE_ACTUAL_ENERGY | M | N | 12 | 0 | The LDZ Profile Allocation table provides details of allocated energy for an LDZ/EUC combination. The allocated energy at variance level is calculated across the start and end period dates for a specific meter. From this the Actual Energy is derived. |
| RVE_START_DATE | M | D | 8 | 0 | The start date of a period when all the supporting information in the reconciliation variance table has remained constant. Start date must be within a meter reading period, except in the case of supply point transfers, where the start date will be from the transfer date. |
| RCH_AMOUNT | M | N | 12 | 2 | The charge amount that has been derived from the energy variance stored for each RECONCILIATION VARIANCE and the appropriate charge type. |
| NMR_ORIGINAL_METER_READ | O | N | 8 | 0 | For an adjustment or re-reconciliation, the meter read reference number from the orginal invoice in this set. |
| RCH_STATUS | M | T | 2 | 0 | Indicates the status of an individual reconciliation charge item.<br>'IN' = INvoiced charge item.<br>'IL' = InvaLid charge item i.e. where data is either missing or invalid therefore a zero charge will be applied. |
| NMR_START_READ_REASON | O | T | 4 | 0 | Holds the reason code for the reading that started the period |
| NMR_END_READ_REASON | O | T | 4 | 0 | Holds the reason code for the reading that ended the period |
| AIH_CNF_REFERENCE_NUMBER | M | N | 9 | 0 | A number to uniquely identify a specific Confirmation. |
| AIH_CNF_SHIPPER_REFERENCE | O | T | 30 | 0 | A reference provided by the Shipper to identify a confirmation once an offer has been confirmed. |
| VARIANCE_REASON | O | T | 3 | 0 | A code identifying the reason a reconciliation variance was created.<br>ALLOWABLE VALUES:<br>'AQ' - AQ Change<br>'MRF' - Meter Read Frequency Change<br>'ORG' - Organisation Change<br>'EUC' - End User Category Change<br>'SPT' - Supply Type Change<br>'LDZ' - LDZ Change<br>'EXZ' - Exit Zone Change<br>'CSR' - Shipper Reference Change<br>'SOQ' - SOQ Change<br>'MRA' - Meter Read Agency Change<br>'WDM' - Wholly DM Indicator Change<br>'DLG' - Change to No. of Dataloggers |

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|---|---|---|---|---|---|
| | | | | | 'ITR' - Change to No. of Interruptible Days<br>'GNT' - Gas Nomination Type Change<br>'RRC' - Re-reconciliation<br>'PRC' - Price Change<br>'SRC' - Shipper Reconfirmation<br>'DSN' - Design Reason (e.g. RBD datafix on 01/02/1998)<br>' ' - Default. First or only reconciliation variance for a given period. |
| NMR_END_READ_TYPE | O | T | 1 | 0 | A code indicating the type of meter or corrector reading used for reconciliation. |
| RVE_END_DATE | M | D | 8 | 0 | The end date of a period when all the supporting information in the reconciliation variance table has remained constant. End date must be within a meter reading period, except in the case of supply point transfers, where the end date will be up to the transfer date. |
| CURRENT_CHARGE_INDICATOR | M | T | 2 | 0 | Identifies the charge category which indicates whether the charge is related to the current billing month or released from a previous billing month<br>VALUES:<br>'CU' = Current Charge i.e. the charge has been created and invoiced in the current billing month.<br>'RS' = Released after being previously suppressed i.e. a charge was created before, but invoiced in, the current billing period |
| MMO_NAME | O | T | 10 | 0 | The model description for the meter (e.g. "U6", "U16", "102M12" or "G2500"). |
| CRM_NAME | O | T | 10 | 0 | The model description for the corrector if fitted (e.g. “INSCOR2, “2C2102”). |
| MMO_NUMBER_OF_DIALS | M | N | 2 | 0 | Number of dials or digits on the meter which are considered during meter reading. |
| CRM_NUMBER_OF_DIALS | O | N | 2 | 0 | Number of dials or digits on the corrector which are considered during corrector reading. |
| MPO_CORRECTION_FACTOR | O | N | 9 | 6 | This is the Meter Point correction factor. |
| CRR_CORRECTION_ FACTOR | O | N | 9 | 6 | This is the Corrector correction factor. Required if corrector correction for temperature only. Pressure correction factor applied to such correctors. Range 0.0001 - 999.9999. DEFAULT = 1.0 |
| MMO_READING_FACTOR | M | N | 6 | 3 | Multiply meter readings by this figure to give readings in 100's cubic feet. |
| CRM_READING_FACTOR | O | N | 6 | 3 | Multiply corrector readings by this figure to give readings in 100's cubic feet. |

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| REV_METER_POINT_AQ | M | N | 12 | 0 | The value of the Meter Point annual quantity for the variance period**.** |
| REV_SUPPLY_POINT_SOQ | M | N | 8 | 0 | The value of the Supply Point offtake quantity for the variance period |
| REV_EUC_NUMBER | M | N | 4 | 0 | The EUC for the Meter Point for the variance period. |
| START_CRCTR_CORRD_RDNG | O | N | 12 | 0 | The value of the start 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 ie the value of a meter reading after the corrector corrects it. |
| END_CRCTR_CORRD_RDNG | O | N | 12 | 0 | The value of the end 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 ie the value of a meter reading after the corrector corrects it**.** |
| CORRECTOR_READING_FLAG | O | T | 1 | 0 | A flag which is set to 'Y' if corrector readings have been used, else 'N'. |
| PREVIOUS_INVOICE_NUMBER | O | N | 6 | 0 | For an adjustment or re-reconciliation, the invoice number from the invoice immediately prior to this one |
| PREVIOUS_RCH_AMOUNT | O | N | 12 | 2 | For an adjustment or re-reconciliation, the charge amount in pounds and pence for a variance period from the invoice immediately prior to this one |
| **PREVIOUS_MTRD_REF_NUMBER** | **O** | **N** | **8** | **0** | **For an adjustment or re-reconciliation, the reference number of the meter read immediately prior to this adjustment.** |
| ORIGINAL_INVOICE_NUMBER | O | N | 6 | 0 | For an adjustment or re-reconciliation, the invoice number from the original invoice in this set. |
| ORIGINAL_RCH_AMOUNT | O | N | 12 | 2 | For an adjustment or re-reconciliation, the charge amount in pounds and pence for a variance period from the original invoice in this set. |
| RCH_RECONCILIATION_QTY | O | N | 15 | 0 | The net billable reconciliation energy for the variance period. Units - kWh. |
| LDZ_IDENTIFIER | M | T | 4 | 0 | The UKLINK identifier for the applicable LOCAL DISTRIBUTION ZONE. |

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|---|---|---|---|---|---|
| INV_NUMBER | M | N | 6 | 0 | Holds the unique Invoice number to identify the invoice number corresponding to the charge details. |
| 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 is used to derive the metered consumption. |

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428