

 - **Customer Connected**

**Generic Bill Back Up –**

**Billing User Guide**

**V 25.0-10 Sep 2020**

|  |  |
| --- | --- |
|  | BT WholesaleGeneric Bill Backup File Format |

This document explains the layouts contained within the Generic Bill Back Up for the BTWholesale products of IPStream, IPStream Connect, WBMC, WBC, BroadBand Complete, Managed Broadband, Content Connect, 21CN Ethernet, SaaS, IPExchange, VOIP ,BTW Adhoc and HCC. A sister document to this, covering the Openreach products, is also available, which you will need to refer to complete the product coverage for this generic layout.

This format was introduced in response to customer requests, and is designed to give the same unified appearance and format for the generic fields, for all bills across the above products, so that it’s easier and quicker to analyse and download data from them.

This format is live and available for any customer who wishes to sign up for this new format. Price list references and price list descriptions are also included on any Generic Bill Back Up File.

This format is currently optional.

Any enquiries as to the content of this document, please do not hesitate to contact your usual billing point of contact.

The Generic Bill Backup File still contains only the itemisation of line rental, connection charges, other one-off charges and adjustments.

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It should be noted that this document supports the bill backup information and the invoice in accordance with the contract is provided separately.

**CHANGE LOG**

|  |  |  |
| --- | --- | --- |
| **Version No.** | **Date** | **Description** |
| 1 | 15-Jul-09 | Initial Version   1. IPStream |
| 2 | 11-Jan-10 | 1. Updated Price list reference and Price list description details for IPStream |
| 3 | 29-Mar-10 | 1. Updated IPStream details |
| 4 | 18-Aug-10 | Updated with following product lines:   1. WBC 2. WBMC 3. Managed BB |
| 5 | 13-Oct-10 | Updated with following product line:   1. CC Basic |
| 6 | 12-Nov-10 | Updated with following product line:   1. 21CN Ethernet |
| 7 | 20-Jul-11 | Updated with following product line:  1. SaaS – section 7 added  2. IPEX and VOIP – section 8 added  3. BTW-Adhoc(PN,CPS,HT) – section 9 added  4. Corrected the Bill Summary record for 21CN Ethernet – section 6.7  5. Updated to reflect new attribute 42 “Total Bandwidth Used” (for event type “Content Connect Basic Usage” for product CC – section 5.4  6. Updated for the new event attribute 14 “Quantity” used for AVCCount for the first time for products IPStream and WBMC – sections 1.4 and 3.4  7. Updated for new product attribute 20 “Prod Type” to be used for the first time (Access Pricing Period’ for Etherway Access product) and updated 21CN Ethernet Comparison Table.doc in reference section to incorporate the mapping for 'Access Pricing Period'  - see sections 6.3 and 10.5  8. Updated to reflect new attribute 39 “Duration Bill Display” for event type “IPStream Generic” for product IPStream – section 1.4  9. Updated the Product Tariff Name attribute 3 for IPStream to include Market Type Split values - section 1.3  10. Updated Product Charges Record - added Exchange ID record at field number 38 for WBMC and IPStream bill backup – section 3.3: |
| 8 | 13-Mar-2012 | 1. Updated to include new attributes “Access Technology” (EA59) and “Geo Exchange Band” (EA60) in section 6.3 for 21CN Ethernet 2. Updated to include new attribute “Delivery Service ID” in Section 1.4 (EA39) for IPStream and in Section 2.4 for WBC.   3. Updated to include new event type: CC CSP Usage Reporting in section 5.4 for CC Basic  4. Field name Channel Name has been added at filed number 38 for product WBC in section 2.3.  5. Field name Definition has been added at filed number 39 for product WBC in section 2.3.  6. "Summary total of all TV Connect Premium charges" field name, field number 13 for product WBC has been removed(Section 2.6)  7. Added new field name "Channel Name" (filed position 37) for product WBMC (Section 3.3)  8. Added new field name "Definition" (filed position 38) for product WBMC (Section 3.3)  9. "Summary total of all WBC/TV Connect Premium charges" field name, field number 13 for product WBMC has been removed(Section 3.6)  10. Added new event type Origin Server Storage Usage for Content Connect Origin Server Product(Section 5.4)  11. Existing Quantity field is mapped for the 21C Ethernet (HE/WEMB) product also in the event record (Section 6.4)  12. Updated the "21CN Ethernet Comparison Table" reference document. Added the "Quantity" field with the new field number in GBBU as 14. (Section 10.5)  13. Introduced Pass through charges for WBMC for TVC port enable charges against event type WBMC TVC Usage (WBC).   1. Updated section 3.4, EVENT CHARGES RECORD, for WBMC bill back up to add “DELIVERY SERVICE ID” for event types : IPSC\Content Connect ISP and WBMC\Content Connect ISP   15. Updated section 1.4 ,for IPSC bill backup to add charge reason mapping for event type CC ISP Usage   1. Updated to include new field name: Market3 Offer in section 2.3 for WBC and 3.3 for WBMC. 2. Introduced event Origin Server Storage Usage in section 2.4 for WBC and 3.4 for WBMC |
| 9 | 20-Jul-2012 | 1. Sections 2.3 and 3.3 updated to include new field names, values and notes for new FVA Connectivity Set and FVA Interconnect introduced as new backhaul products under WBC and WBMC product families. No layout change. 2. Section 2.4 updated for WBC Event Charges section to correct field names for Session Based Charges (record count and minutes were the wrong way round). Document change only. 3. New product attribute (attribute 47) for FVA Linkage Discount added at bottom of section 2.3 for WBC Product Charges. Layout change. |
| 10 | 24-Oct-2012 | 1. Bill-title (attribute 12) under Header record section for products WBC (section 2.2 – page 23) and Managed BB (section 4.2 – page 47) is changed. 2. Introduced new ‘Self-Install’ attribute (attribute 48) under product-charges record section for WBC (section 2.3 – page 26) and for WBMC (section 3.3 – page 38) products. |
| 11 | 07-Jan-2013 | 1. Introduced new ‘FTTP On Demand’ attribute (attribute 49) under product-charges record section for WBC (section 2.3 – page 27) and for WBMC (section 3.3 – page 38) products. |
| 12 | 11-Jul-2013 | 1. Updated section 8.4 (page no. 83) for IPEX records: Introduced new event attribute (Number Range/MBN) for event IP EXCH EVENT. 2. New product line HCC included with all bill backup details (page no. 92-101) as: CUSTOMERRECORD, PRODUCTCHARGE, EVENTCHARGE, ADJUSTMENTS, DISCOUNTSUMMARY and BILLSUMMARYRECORD. |
| 13 | 28-Oct-2013 | Updated with following product lines:   1. WBC 2. WBMC   Introduced new ‘OpenreachModem’ attribute (attribute 50) under product-charges record section for WBC (section 2.3 – page 27) and for WBMC (section 3.3 – page 38) products.  Updated the value of ‘Self Install’ attribute (attribute 48) from ‘NULL’ to ‘NO’ under product-charges record section for WBC (section 2.3 – page 27) and for WBMC (section 3.3 – page 38) products.  Added the value “FOD” in Field no. 59 under PRODUCT CHARGES RECORD (section 6.3 – page 65) for 21CN Ethernet Bill Backup product.  Updated the following product line  HCC  Introduced the new ‘Total Licenses’ (attribute 37) and ‘Price Slab’ (attribute 38) attributes under product-charges record section for the new HCC product ‘HCC Set Up Services’ (section 10.3 – page 94)  Updated the sections PRODUCT CHARGES RECORD (section 10.3 – page 94), EVENT CHARGES RECORD (section 10.4 – page 97) and DISCOUNT SUMMARY RECORD (section 10.6 – page 100) for the new product HCC Flexi License |
| 14 | 12 Mar 2014 | Updated with following product lines:   1. IPStream 2. WBC 3. WBMC   Changes made from “Market3” to “Market B” under product-charges record section for IPStream (section 1.3 –page 14), WBC (section 2.3 – page 28) and for WBMC (section 3.3 – page 39) products. |
| 15 | 06 Jun 2014 | Updated with following product line:   1. WBCR(Wholesale Broadband Complete Reseller)   Changes made from section 11 (Page-104 to Page-111) |
| 16 | 23 Mar 2015 | Introduced new ‘StartOrderStatus’ attribute (attribute 51) under product-charges record  section for WBC (section 2.3 – page 28) and for WBMC (section 3.3 – page 40) products. |
| 17 | 21 Jul 2015 | Updated with following product lines for new Non VAT Cancellation Event Types:   1. IPSC 2. WBC 3. WBMC 4. 21CN Ethernet 5. IPEX and VOIP   Section for IPSC (section 1.4 – page 16,19) and  Section for WBC (section 2.4 – page 28, 29,31) and  Section for WBMC (section 3.4 – page 40 to 45) and  Section for 21CN Ethernet (section 6.4 – page 67)  Section for IPEX and VOIP (section 8.4 – page 83) |
| 18 | 29 Jan 2016 | Introduced new ‘AccessLineId’ attribute (attribute 52) under product-charges record  section for WBC (section 2.3 – page 28)  section for WBMC (section 3.3 – page 40) |
| 19 | 29 Mar 2016 | All changes made under Section 11 as below:   1. Changed heading from WBCR to BroadBandComplete (section 11) 2. Changed in 'Value' for field 'Productdescription' (section 11.3 - page 106) 3. Changed in 'Value' for ‘Technology Type’ and ‘Bandwidth’ (section 11.3 - page 107) 4. Deleted row ‘Network Type (section 11.3 - page 108) 5. Changed ‘Field No’ for field name ‘Market Type’ and ‘Eclipse Id’ and ‘Value’ for field name ‘Market Type’.(section 11.3 - page 108) 6. Added 2 rows for ‘Event Type Name’ and ‘Event Mapping Number’ (section 11.4 - page 108) 7. Added columns ‘E4’ and ‘E5’ in EVENT table (section 11.4 - page 108) 8. Added section 11.4.3 for Event: Broadband Complete End User (Non VAT) (Page - 110)   Section 1.3 updated with correct data against Value field for PriceList Ref and PriceList Description under PRODUCTCHARGE section for IPSTREAM. |
| 20 | 15 July 2017 | Changes made for  WBC  WBMC  All changes made under Section 2 (WBC) as below:   1. Added a Value for Charge Description as ‘Increase’ (Section 2.3 - page 26 ) 2. Added Value for Units as Link(s) (Section 2.3 - page 27) 3. Updated note for Quantity (Section 2.3 - page 27 ) 4. Updated note for Units ( Section 2.3 – page 27)   All changes made under Section 3 (WBMC) as below:   1. Added a Value for Charge Description as ‘Increase’ (Section 3.3 - page 37 ) 2. Added Value for Units as Link(s) (Section 3.3 - page 38) 3. Added a note for Quantity (Section 3.3 - page 38 ) 4. Added a note for Units ( Section 3.3 – page 38) |
| 21 | 08 Jan 2018 | Changes made for  WBC  WBMC  All changes made under Section 2.3 (WBC) as below:   1. Added 1 row for New Line field   All changes made under Section 3.3 (WBMC) as below:   1. Added 1 row for New Line field |
| 22 | 12 Mar 2018 | Changes made for  WBCR (11. Broadband Complete Bill Backup)  All changes made under Section 11.3. (WBCR) as below:  Added 1 row for Network Type field |
| 23 | 30 Jul 2018 | Changes made for  WBC  WBMC  All changes made under Section 2.3 (WBC) as below:   1. Added 1 row for new attribute field : Charging Category   All changes made under Section 3.3 (WBMC) as below:   1. Added 1 row for new attribute field : Charging Category |
| 24 | 16 Jan 2019 | Changes made for  WBC  WBMC  All changes made under Section 2.3 (WBC) as below:   1. Added 1 row for new attribute field : Connection Charge Type   All changes made under Section 3.3 (WBMC) as below:   1. Added 1 row for new attribute field : Connection Charge Type |
| 25 | 05 July 2021 | **Updated with the following new product:**   1. Broadband One (Wholesale Broadband One Reseller)   Changes made from section 12 (Page-115 to Page-126) |

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**General Notes:**

* Each of the file records will have a string definition defined as the first field.
* The total number of fields for all the records is 72. This is done to give a generic definition to the record length for all the sections of this bill back up across all product lines. This will also prevent the need for you to add any additional fields later, if future developments deem this necessary.
* Each of the file record types contain character Separated Variables ((using “|” as the delimiter)).
* The data fields within each file are not in fixed positions, i.e. all fields are variable length.
* The file formats therefore only specify an indicative (or maximum) length of each field.
* The file format only specifies an indicative length for each field in a record type.
* All field data is not mandatory in a record type. If any data field is not present in a record, it should be Null.
* All charges will be in Pence.
* BPR Calculation

For Broken Period rentals, the charge or credit in GenIUS is calculated as follows:

BPR = (Monthly Rental / No of Days in that month) x Broken Period

This is rounded up or down to the nearest penny.

For example:

**Monthly Rental Calculations:**

Product -> IPstream Connect Handover-

Rental = £330000 / 1 Yr.

As this is the Annual rental, so the

BPR = (Annual Rental/ No of Days in the year) \* Broken Period

Billed from 01/05/2009 to 31/05/2009 (total 31 days)

Prorated Rental = (330000/365)\*31 = £28027.39

Note: If a Rental price change happens mid month, CP should expect to see BPR records in the Bill Backup so the rental charges are correctly applied over the price change period. Note: If price changes are effective from 1st month then no BPR will be seen.

* Please note that software download options are individual to each CP, but for reference you can refer to the attached document for viewing Bill Backup file via Microsoft Excel tool.



**Note**:

1. Bill backup with data less than 64K can only be viewed in MS Excel format. Over this limit, another option is to use MS Access or MS SQL, If you have Office 2007 then excel will only go up to approx 1milion rows.
2. Fields with leading zeros need to be converted to text. E.g. Event source field may have leading zeros.

* To traverse through readme file across different products and there sections, please use the hyperlink provided in “Contents” sections. Click on page number + ctrl key. You will be redirected to desired section.
* In each of the different product section, reference section has been included at the end. A document is embedded in that section which describes the positions of the fields in old bill backup and where they are placed in the new generic bill backup.

|  |  |
| --- | --- |
|  | 1. IPStream Bill Backup |

## Bill Backup Data File

The bill backup files will contain a number of different types of records as listed.

* Customer record (identified by CUSTOMERRECORD). This will be used to identify which CP is being billed and what the account number is etc.
* Product Charge (identified by PRODUCTCHARGE) – this is used for the following charge categories:
* Connection charges (for new supply and transfer charges)
* Rental charges
* Contract termination charges
* Event charges (identified by EVENTCHARGE) – used for miscellaneous charges and credits charges.
* Adjustments (identified by ADJUSTMENT) – used for miscellaneous bill adjustments.
* Discounts (identified by DISCOUNTSUMMARYRECORD) – used for discounts in bill.
* BILL SUMMARY RECORD (identified by BILLSUMMARYRECORD) – used for displaying the summary in bill.

**FILE FORMAT** ((using | as the delimiter))

* 1. [DESCRIPTION](#ip_desc)
  2. [HEADER RECORD](#ip_header)
  3. [PRODUCT CHARGES RECORD](#ip_product)
  4. [EVENT CHARGES RECORD](#ip_event)
  5. [ADJUSTMENTS RECORD](#ip_adjustment)
  6. [DISCOUNT SUMMARY](#ip_disc)
  7. [BILL SUMMARY RECORD](#ip_billsummary)

**Note**: Use above hyperlinks to traverse through desired section. Please move the mouse over the sections and then click control (ctrl) key

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**\*Initial comments\***

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1. FILE FORMAT

## 1.1. DESCRIPTION

This document describes the layout and organisation of the new bill data extract

format(s). The bill data extract format is delivered for information purposes only.

The taxable invoice is the accompanying rtf document.

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Details of attributes in a record type \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

Field Name : Name of data field present in a record of a Backup File.

Field No. : Position of data field in a record of a Backup File.

Maximum Field Length : Maximum length of data field in the record.

Format : Type and format of the data field in the record (for e.g. text, number, date with specified format etc.).

Value : Possible value for data set.

## 1.2 HEADER RECORD

The Customer Detail header record will be the first record in the file and will contain the following character separated bill data.

Record Type: **CUSTOMERRECORD**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field Name** | **Field No** | **Maximum Field Length** | **Format** | **Value** |
| Record Type | 1 | 255 | Text | CUSTOMERRECORD |
| Geneva customer reference | 2 | 20 | Text | e.g. O/M59828700 |
| Account reference | 3 | 20 | Text | e.g. GD55800086 |
| Invoice reference | 4 | 30 | Text | e.g. GD55800086 M027 |
| Bill tax date | 5 | DATE | YYYYMMDD | e.g. 20090101 |
| Business name | 6 | 100 | Text | e.g. INTRONET SOLUTIONS LTD |
| Address name if available | 7 | 225 | Text | e.g. Mr B Woods |
| First line of address | 8 | 80 | Text | e.g. Accounts Dept |
| Post code | 9 | 16 | Text | e.g. CR5 2HS |
| Customer VAT status | 10 | 1 | Text | e.g.  1 = Standard  2 = VAT exempt |
| \* Bill Type | 11 | 9 | Text | e.g.  1=Periodic  2=Interim  5=VAT credit |
| Bill title or service name | 12 | 80 | Text | e.g. BT Wholesale Broadband |

This header record uses the standard format for header records for other services being billed on GenIUS.

## 1.3. PRODUCT CHARGES RECORD

The following product details record will be included in the data file and will contain the following character separated bill data.

Record Type: **PRODUCTCHARGE**

| **Field Name** | **Field No** | **Maximum Field Length** | **Format** | **Value** | **Note** |
| --- | --- | --- | --- | --- | --- |
| Record Type | 1 | 255 | Text | PRODUCTCHARGE |  |
| Product Description | 2 | 40 | Text | e.g. BT IPStream Home |  |
| Product Tariff name | 3 | 20 | Text | e.g. 1000 - CBC - IPSC Mkt A, 1000 - UBC - IPSC Mkt B |  |
| Product Label | 4 | 20 | Text | e.g. BBIP11003526 |  |
| Charge Description | 5 | 20 | Text | e.g. Rental, Connection, Termination, Early Termination |  |
| Charge Reason | 6 | 40 | Text | e.g. Engineering Reason |  |
| Start Date | 7 | DATE | YYYYMMDD) | e.g. 20090101 |  |
| End Date | 8 | DATE | YYYYMMDD | e.g.20090101 |  |
| First line of address | 9 | 80 | Text | e.g. CLIFFE GRANCE |  |
| Post Code | 10 | 16 | Text | e.g. ME38EU |  |
| \* CSS/Seibel Job No | 11 | 20 | Text | Not Used For IPStream |  |
| Cust/SP order No/Fault ref No.1/2 | 12 | 40 | Text | e.g. ADSL0111 |  |
| \*Spare | 13 | NOT APPLICABLE | NOT APPLICABLE | NOT APPLICABLE |  |
| Quantity | 14 | 9 | Num | e.g. 10 |  |
| Units | 15 | 40 | Text | e.g. Metres |  |
| Unit rate | 16 | 18 | Num | e.g. 3632 |  |
| Product Rate/Price | 17 | 18 | Num | e.g. 141 = £1.41 | The product Prices are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00 |
| VAT Status | 18 | 2 | Num | e.g.  1 = standard  2 = VAT exempt |  |
| \*CSS Account Number | 19 | 20 | Text | Not Used for IPStream. |  |
| \*Prod Type | 20 | 20 | Text | Not Used for IPStream. |  |
| \*OR Service ID | 21 | 20 | Text | Not Used for IPStream. |  |
| \*Circuit ID | 22 | 20 | Text | Not Used for IPStream. |  |
| \*MDF Site | 23 | 20 | Text | Not Used for IPStream. |  |
| \*Room ID | 24 | 20 | Text | Not Used for IPStream. |  |
| Service ID | 25 | 20 | Text | e.g. BBIP11003526 |  |
| \*Event Class | 26 | 20 | Text | Not Used for IPStream. |  |
| \*Event Name | 27 | 20 | Text | Not Used for IPStream. |  |
| CBUK reference number | 28 | 20 | Text | e.g. CBUK12345678 |  |
| CLI | 29 | 20 | Text | e.g. 01604639836 |  |
| MAC code | 30 | 20 | Text | e.g. LDSD1340335/GK17R |  |
| \*Free text | 31 | 20 | Text | Not Used for IPStream. |  |
| \*TRC Start date time | 32 |  | DATE | Not Used for IPStream. |  |
| \*Clear code | 33 | 20 | Text | Not Used for IPStream. |  |
| \*TRC description code | 34 | 20 | Text | Not Used for IPStream. |  |
| Price list reference | 35 | 256 | Text | e.g. SECTION 44: PART 1: SUB PART 2 : BT IPSTREAM HOME, OFFICE, IPSTREAM MAXS AND IPSTREAM MAX PREMIUM |  |
| Price list description | 36 | 256 | Text | e.g. BT IPstream Office 500-Standard Charging-Connection |  |
| **Note:** Fields from 37-72 are specific and unique to IPStream products and will be populate if they carry any values. As there is only one field populated for IPStream, then fields 38-72 will be shown but empty. | | | | | |
| Bill Description | 37 | 40 | Text | e.g. BT IPstream Max-CBC-IPSE Mkt A , BT IPstream Max-UBC-IPSE Mkt B |  |
| Exchange ID | 38 | 40 | Text | e.g. EMDAVEN |  |

**\*** Asterisk = Fields whose values will not get populated.

## 1.4. EVENT CHARGES RECORD

The following event detail records will be included in the output file and will contain the following character separated bill data.

Below table hold the event type name and there corresponding mapping values. These will be used further.

|  |  |
| --- | --- |
| **Event Type Name** | **Event Mapping Number** |
| IPStream End User | E1 |
| IPStream Generic/IPStream Generic (Non VAT) | E2 |
| IPStream BT Central | E3 |
| IPStream Symmetric | E4 |
| IPStream Contracted Bandwidth | E5 |
| DataStream Symmetric | E6 |
| Tiered Services Events | E7 |
| Tiered Services Charging | E8 |
| Advanced Services Charges (QoS Session Events) | E9 |
| Advanced Services Charges (QoS Initiation Events) | E10 |
| Advanced Services Enablement | E11 |
| CC ISP Usage | E12 |
| CC ISP Generic | E13 |

Record Type: **EVENT**

**Note:** Use the hyperlinks to find the event type name corresponding to the event mapping number (last columns).

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Field Name** | **Field No** | **Maximum Field Length** | **Format** | **Value** | [**E1**](#E1) | [**E2**](#E2) | [**E3**](#E3) | [**E4**](#E4) | [**E5**](#E5) | [**E6**](#E6) | [**E7**](#E7) | [**E8**](#E8) | [**E9**](#E9) | [**E10**](#E10) | [**E11**](#E11) | **E12** | **E13** |
| Record Type | 1 | 255 | Text | EVENT |  |  |  |  |  |  |  |  |  |  |  |  |  |
| \*Product Description | 2 | 40 | Text | Not Used for IPStream events. |  |  |  |  |  |  |  |  |  |  |  |  |  |
| \*Product Tariff Name | 3 | 20 | Text | Not Used for IPStream events. |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Event Source | 4 | 40 | Text | e.g. BBIP30052272 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Event Description | 5 | 40 | Text | e.g. IPStream End User. |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Charge Reason | 6 | 40 | Text | e.g. Cancellation Charge |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Event Date | 7 | DATE | YYYYMMDD | e.g. 20090101 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| \*End Date | 8 | DATE | YYYYMMDD | Not Used for IPStream events. |  |  |  |  |  |  |  |  |  |  |  |  |  |
| \*Address Line 1 | 9 | 80 | Text | Not Used for IPStream events. |  |  |  |  |  |  |  |  |  |  |  |  |  |
| \*Post Code | 10 | 16 | Text | Not Used for IPStream events. |  |  |  |  |  |  |  |  |  |  |  |  |  |
| \*CSS/Seibel Job No | 11 | 20 | Text | Not Used for IPStream events. |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Cust/SP Order No/Fault No.1/2 | 12 | 40 | Text | e.g. 00009990 - C7 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| \*Spare | 13 | NOT APPLICABLE | NOT APPLICABLE | NOT APPLICABLE |  |  |  |  |  |  |  |  |  |  |  |  |  |
| \*Quantity/HDFP air count | 14 | 9 | Num | Used for AVC Count  e.g. 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| \*Units | 15 | 40 | Text | Not Used for IPStream events. |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Unit rate | 16 | 18 | Num | Not Used for IPStream events. |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Event Cost | 17 | 18 | Num | e.g. 141 = £1.41 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| VAT Status | 18 | 2 | Num | e.g.  1 = standard  2 = VAT exempt |  |  |  |  |  |  |  |  |  |  |  |  |  |
| \*CSS Account Number | 19 | 20 | Text | NOT APPLICABLE |  |  |  |  |  |  |  |  |  |  |  |  |  |
| \*Prod Type | 20 | 20 | Text | Not Used for IPStream events. |  |  |  |  |  |  |  |  |  |  |  |  |  |
| \*OR Service ID | 21 | 20 | Text | Not Used for IPStream events. |  |  |  |  |  |  |  |  |  |  |  |  |  |
| \*Circuit ID | 22 | 20 | Text | Not Used for IPStream events. |  |  |  |  |  |  |  |  |  |  |  |  |  |
| \*MDF Site | 23 | 20 | Text | Not Used for IPStream events. |  |  |  |  |  |  |  |  |  |  |  |  |  |
| \*Room ID | 24 | 20 | Text | Not Used for IPStream events. |  |  |  |  |  |  |  |  |  |  |  |  |  |
| \*Service ID | 25 | 20 | Text | Not Used for IPStream events. |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Event Class | 26 | 20 | Text | e.g. IPADSLSFICHARGE |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Event Name | 27 | 20 | Text | e.g. BB SFI Charge |  |  |  |  |  |  |  |  |  |  |  |  |  |
| CBUK reference number | 28 | 20 | Text | e.g.CBUK24157764 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| CLI | 29 | 20 | Text | e.g. 01604639836 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| MAC code | 30 | 20 | Text | e.g. LDSD1340335/GK17R |  |  |  |  |  |  |  |  |  |  |  |  |  |
| \*Free text | 31 | 20 | Text | Not Used for IPStream events. |  |  |  |  |  |  |  |  |  |  |  |  |  |
| \*TRC Start date time | 32 |  | DATE | Not Used for IPStream events. |  |  |  |  |  |  |  |  |  |  |  |  |  |
| \*Clear code | 33 | 20 | Text | Not Used for IPStream events. |  |  |  |  |  |  |  |  |  |  |  |  |  |
| \*TRC description code | 34 | 20 | Text | Not Used for IPStream events. |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Price list reference | 35 | 20 | Text | e.g. Re-grade to BT IPstream Max Premium from BT IPstream Office 500 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Price list description | 36 | 20 | Text | e.g. SECTION 44 SUB PART 3: BT IPSTREAM RE-GRADE OPTIONS |  |  |  |  |  |  |  |  |  |  |  |  |  |

\* Asterisk = Fields whose values will not get populated.

Event fields from attribute 37 onwards are unique to the five event types listed below as the other IPStream event type’s attributes do not extend beyond field 36. Any field numbers after those shown in each of the tables below will be empty up to field 72. Any event types not shown below will all have empty fields from 37-72.

### Event: IPStream End User

These events are specific to IPStream Generic and IPStream BT Central events.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Field Name** | **Field No** | **Maximum Field Length** | **Format** | **Value** | **Note** |
| Empty | 37 |  |  |  |  |
| TRC/SFI additional timestamp and sequence number | 38 | 20 | Text | e.g. "09:01:48 AM - 1" | HH:MM:SS AM/PM - followed by the sequential number for that timestamp |

### Event: IPStream BT Central

These events are specific to IPStream BT Central events.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Field Name** | **Field No** | **Maximum Field Length** | **Format** | **Value** | **Note** |
| Duration | 37 | 20 | Text | e.g. 5. |  |
| Charge Band | 38 | 20 | Text | e.g. BTIPStreamHome |  |

### Event: IPStream Generic/IPStream Generic (Non VAT)

These events are specific to IPStream Generic events/IPStream Generic (Non VAT) events.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Field Name** | **Field No** | **Maximum Field Length** | **Format** | **Value** | **Note** |
| Duration | 37 | 20 | Text | e.g. 5 |  |
| Charge Band | 38 | 20 | Text | e.g. BTIPStreamHome |  |
| Duration Bill Display | 39 | 20 | Text | e.g. 5 Mbps | This is to display Record Count in invoice along with Unit e.g for Bandwidth unit can be Mbps |

### Event: IPStream Symmetric/DataStream Symmetric

These events are specific to IPStream Symmetric and DataStream Symmetric.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Field Name** | **Field No** | **Maximum Field Length** | **Format** | **Value** | **Note** |
| Network Build Cost Band | 37 | 20 | Text | e.g. 3 |  |
| TRC/SFI additional timestamp and sequence number | 38 | 20 | Text | e.g. "09:01:48 AM - 1" | HH:MM:SS AM/PM - followed by the sequential number for that timestamp |

### Event: IPStream Contracted Bandwidth

These events are specific to IPStream Contracted Bandwidth.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Field Name** | **Field No** | **Maximum Field Length** | **Format** | **Value** | **Note** |
| Bursted Bandwidth | 37 | 20 | Text | e.g. 15 |  |
| Bursted Bandwidth(Mbps) | 38 | 20 | Text | e.g. 15Mbps |  |

### Event: Tiered Services Events/ Tiered Services Charging/ Advanced Services Charges (QoS Initiation Events)

These events are specific to Tiered Services Events.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Field Name** | **Field No** | **Maximum Field Length** | **Format** | **Value** | **Note** |
| Record Count | 37 | 20 | Num | e.g. 6 |  |

### Event: Advanced Services Charges (QoS Session Events)

These events are specific to Advanced Services Charges (QoS Session Events).

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Field Name** | **Field No** | **Maximum Field Length** | **Format** | **Value** | **Note** |
| \*Spare | 37 | NA | NA | NA | NA |
| Minutes | 38 | 20 | Num | e.g. 2 |  |

### Event: CC ISP Usage

These events are specific to CC Usage.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Field Name** | **Field No** | **Maximum Field Length** | **Format** | **Value** | **Note** |
| Bandwidth Volume(Gbytes) | 37 | 20 | Text | e.g. 90600 |  |
| Traffic Type | 38 | 20 | Text | e.g. Standard Premium |  |
| DELIVERY SERVICE ID | 39 | 20 | Text | e.g. CSP123-001 |  |

## 1.5. ADJUSTMENT RECORD

The following adjustment records will be included in the output file and will contain the following data.

Record Type: **ADJUSTMENTS**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Field Name** | **Field No** | **Maximum Field Length** | **Format** | **Value** | **Note** |
| Record Type | 1 | 255 | Text | ADJUSTMENTS |  |
| Adjustment Name | 2 | 40 | Text | e.g. AFW Charge Correction, BB Datastream Symmetric EU Ancillary, BB End User Speed Control Uplift etc. |  |
| Adjustment free text field | 4 | 255 | Text | e.g. Qualifying End Users 325 |  |
| Adjustment Date | 7 | DATE | YYYYMMDD | e.g. 20090101 |  |
| Net Value | 17 | 18 | Num | e.g. 141 = £1.41 |  |
| VAT Status | 18 | 2 | Num | e.g.  1 = standard  2 = VAT exempt |  |

**Note**: Rest all fields are NOT APPLICABLE to IPStream.

## 1.6. DISCOUNT SUMMARY RECORD

The following discount summary record will be included in the output file and will contain the following data.

Record Type: **DISCOUNTSUMMARY**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Field Name** | **Field No** | **Maximum Field Length** | **Format** | **Value** | **Note** |
| Record Type | 1 | 255 | Text | DISCOUNTSUMMARY |  |
| Total volume discount | 17 | 18 | Num | Total volume discount amount |  |
| **Note:** Fields from 37-72 are specific and unique to IPStream products and will be populate if they carry any values. For IPStream the fields from 38-72 will be empty, and only field 37 will be populated in addition to the first generic 36 fields. | | | | | |
| Eligible rental | 37 | 18 | Num | Rental Amount |  |

**Note**: Rest all fields are NOT APPLICABLE to IPStream Adjustment.

## 1.7. BILL SUMMARY RECORD

The following single circuit summary record will be included in the output file. For different products, Bill Summary Records positions and field name varies.

RECORDTYPE: **BILLSUMMARYRECORD**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Field Name** | **Field No** | **Maximum Field Length** | **Format** | **Value** | **Note** |
| Record Type | 1 | 255 | Text | BILLSUMMARYRECORD |  |
| Net total of total bill charges(Pence) | 2 | 18 | Num | The charges are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00. |  |
| Total VAT due on bill(Pence) | 3 | 18 | Num | The charges are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00. |  |
| Net total of charges, NOT subject to VAT(Pence) | 4 | 18 | Num | The charges are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00. |  |
| Invoice total due including any VAT(Pence) | 5 | 18 | Num | The charges are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00. |  |
| Summary total of all one-off charges | 6 | 18 | Num | The charges are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00. |  |
| Summary total of all periodic charges | 7 | 18 | Num | The charges are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00. |  |
| Summary total of all event charges | 8 | 18 | Num | The charges are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00. |  |
| Summary total of all non product/event charges | 9 | 18 | Num | The charges are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00. |  |
| Summary total of all volume discounts | 10 | 18 | Num | The charges are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00. |  |
| Summary total of all advanced service charges | 11 | 18 | Num | The charges are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00. |  |
| Summary total of all the Ipstream/Content Connect Charges | 12 | 18 | Num | Total CC Charges |  |

|  |  |
| --- | --- |
|  | 2. WBC Bill Backup |

## Bill Backup Data File

The bill backup files will contain a number of different types of records as listed.

* Customer record (identified by CUSTOMERRECORD). This will be used to identify which CP is being billed and what the account number is etc.
* Product Charge (identified by PRODUCTCHARGE) – this is used for the following charge categories:
* Connection charges (for new supply and transfer charges)
* Rental charges
* Contract termination charges
* Event charges (identified by EVENTCHARGE) – used for miscellaneous charges and credits charges.
* Adjustments (identified by ADJUSTMENT) – used for miscellaneous bill adjustments.
* BILL SUMMARY RECORD (identified by BILLSUMMARYRECORD) – used for displaying the summary in bill.

**FILE FORMAT** ((using | as the delimiter))

* 1. [DESCRIPTION](#wbcdesc)
  2. [HEADER RECORD](#wbcheader)
  3. [PRODUCT CHARGES RECORD](#wbcproductcharge)
  4. [EVENT CHARGES RECORD](#wbceventcharge)
  5. [ADJUSTMENTS RECORD](#wbcadjustment)
  6. [BILL SUMMARY RECORD](#wbctrailer)

**Note**: Use above hyperlinks to traverse through desired section. Please move the mouse over the sections and then click control (ctrl) key

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**\*Initial comments\***

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

1. FILE FORMAT

## 2.1. DESCRIPTION

This document describes the layout and organization of the new bill data extract

Format(s). The bill data extract format is delivered for information purposes only.

The taxable invoice is the accompanying ebill.

All data fields are not mandatory in different record type. If any data field is not present record then it should have Null Value.

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Details of attributes in a record type \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

Field Name : Name of data field present in a record of a Backup File.

Field No. : Position of data field in a record of a Backup File.

Maximum Field Length : Maximum length of data field in the record.

Format : Type and format of the data field in the record (for e.g. text, number, date with specified format etc.).

Value : Possible value for data set.

## 2.2. HEADER RECORD

The Customer Detail header record will be the first record in the file and will contain the following character separated bill data.

Record Type: **CUSTOMERRECORD**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field Name** | **Field No** | **Maximum Field Length** | **Format** | **Value** |
| Record Type | 1 | 255 | Text | CUSTOMERRECORD |
| Geneva customer reference | 2 | 20 | Text | e.g. 5999999999 |
| Account reference | 3 | 20 | Text | e.g. GD55800086 |
| Invoice reference | 4 | 30 | Text | e.g. GD55800086 M027 |
| Bill tax date | 5 | DATE | YYYYMMDD | e.g. 20090101 |
| Business name | 6 | 100 | Text | e.g. INTRONET SOLUTIONS LTD |
| Address name if available | 7 | 225 | Text | e.g. Mr B Woods |
| First line of address | 8 | 80 | Text | e.g. Accounts Dept |
| Post code | 9 | 16 | Text | e.g. CR5 2HS |
| Customer VAT status | 10 | 1 | Text | e.g.  1 = Standard  2 = VAT exempt |
| Bill Type | 11 | 9 | Text | e.g.  1=Periodic  2=Interim  5 =VAT credit |
| Bill title or service name | 12 | 80 | Text | e.g. Wholesale Broadband Connect |

This header record uses the standard format for header records for other services being billed on GenIUS.

## 2.3. PRODUCT CHARGES RECORD

The following product details record will be included in the data file and will contain the following character separated bill data.

Record Type: **PRODUCTCHARGE**

| **Field Name** | **Field No** | **Maximum Field Length** | **Format** | **Value** | | **Note** |
| --- | --- | --- | --- | --- | --- | --- |
| Record Type | 1 | 255 | Text | PRODUCTCHARGE | |  |
| Product Description | 2 | 40 | Text | e.g. End User Access | |  |
| \*Product Tariff name | 3 | 40 | Text | Not Used for WBC. | |  |
| Product Label | 4 | 80 | Text | e.g. BBEU6000000. | |  |
| Charge Description | 5 | 20 | Text | e.g. Rental, Connection, Termination, Early Termination, Increase | |  |
| Charge Reason | 6 | 40 | Text | e.g. Loss of associated PSTN Service, Cease, Migration. | | This field will contain cease reason or Migration reason. |
| Start date | 7 | DATE | YYYYMMDD | e.g. 20070301 | |  |
| End date | 8 | DATE | YYYYMMDD | e.g. 20070331 | |  |
| \*First line of address | 9 | 80 | Text | Not Used for WBC. | |  |
| \*Post Code | 10 | 16 | Text | Not Used for WBC. | |  |
| \* CSS/Seibel Job No | 11 | 20 | Text | Not Used for WBC. | |  |
| Customer order number | 12 | 20 | Text | e.g. B172829 | |  |
| \*Spare | 13 | NOT APPLICABLE | NOT APPLICABLE | NOT APPLICABLE | |  |
| Quantity | 14 | 9 | Num | e.g. 10 | | Quantity will be 1 for EUA & Standard EP. For AP Assured/Real Time/Total and Direct EP, it can be more than 1. |
| Units | 15 | 5 | Text | e.g. Mbps, Link(s) | | Unit is applicable only for AP Assured, AP Real Time, AP Total and Direct EP. |
| Unit rate | 16 | 18 | Num | e.g. 3632 | |  |
| Product Rate/Price | 17 | 18 | Num | e.g. 141 = £1.41 | | The product Prices are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00 |
| VAT Status | 18 | 2 | Text | e.g.  1=Std VAT  2=VAT Exempt | |  |
| \*CSS Account Number | 19 | 20 | Text | Not Used for WBC. | |  |
| \*Prod Type | 20 | 20 | Text | Not Used for WBC. | |  |
| \*OR Service ID | 21 | 20 | Text | Not Used for WBC. | |  |
| \*Circuit ID | 22 | 20 | Text | Not Used for WBC. | |  |
| \*MDF Site | 23 | 20 | Text | Not Used for WBC. | |  |
| \*Room ID | 24 | 20 | Text | Not Used for WBC. | |  |
| Service ID | 25 | 40 | Text | e.g. BBEU6000000 | |  |
| \*Event Class | 26 | 40 | Text | Not Used for WBC. | |  |
| \*Event Name | 27 | 40 | Text | Not Used for WBC. | |  |
| \*CBUK reference number | 28 | 20 | Text | Not Used for WBC. | |  |
| \*CLI | 29 | 20 | Text | Not Used for WBC. | |  |
| \*MAC code | 30 | 20 | Text | Not Used for WBC. | |  |
| \*Free text | 31 | 20 | Text | Not Used for WBC. | |  |
| \*TRC Start date time | 32 | DATE | YYYYMMDD | Not Used for WBC. | |  |
| \*Clear code | 33 | 20 | Text | Not Used for WBC. | |  |
| \*TRC description code | 34 | 20 | Text | Not Used for WBC. | |  |
| Price list reference | 35 | 256 | Text | e.g. Section 44 WHOLESALE BROADBAND SERVICES PART 7 WBC SUB-PART 1 Basic Service | |  |
| Price list description | 36 | 256 | Text | e.g. AP Contracted Total Bandwidth | |  |
| **Note**: Fields from 37-72 are specific and unique to WBC products and will be populate if they carry any values. As there is only one field populated for WBC, then fields 38-72 will be shown but empty. | | | | | | |
| Bill Description | 37 | 40 | Text | | e.g. End User Access, Aggregation Point - Assured Rate |  |
| Technology/Channel Name | 38 | 40 | Text | | e.g. ADSL, ADSL2plus, FTTC, FTTP, FVA Backhaul | Technology is applicable for EUA product and Channel Name is applicable for TVC Channel product and FVA. |
| Exchange Id/Reason/Definition/Associate Service Id | 39 | 40 | Text | | e.g.EAABR/Cease | Exchange ID is applicable for EUA product/FVA Connectivity Set.. Reason is applicable for AP/EP product and Definition is applicable for TVC Channel product.  Associated Service ID for FVA Interconnect (this will have value only when Interconnect Type is "Media and Signalling") |
| Exchange Band/EP Bandwidth/Bandwidth | 40 | 40 | Text | | e.g.A/100Mbit/s | Bandwidth For FVA connectivity (Kbps)  And FVA Interconnect (Mbps) |
| Real Time/CVLAN/Interconnect Option | 41 | 40 | Text | | e.g. 0Kbit/s, 350Kbit/s, 700Kbit/s etc | CVLAN FVA Connectivity set  Interconnect Option for FVA Interconnect |
| Assured /Interconnect Type | 42 | 40 | Text | | e.g. Yes, No | Interconnect Type for FVA Interconnect |
| Traffic Weighting/Reason | 43 | 40 | Text | | e.g. Standard, Elevated | Reason applicable for FVA products |
| Access Line Rate | 44 | 40 | Text | | e.g. 24M/448K, 24M/Annex M, 24M/Uncapped,40/2M | Downstream/Upstream bandwidth |
| Transition Pricing | 45 | 40 | Text | | e.g. Yes | This field can be blank if Transition Pricing is not applicable. |
| Market B Offer | 46 | 40 | Text | | e.g. Market B Offer | This can be Null or fixed test as ‘Market B Offer’ |
| FVA Linkage Discount | 47 | 40 | Text | | Yes/No | This field indicate if the customer is having FVA discount or not |
| Self Install | 48 | 40 | Text | | Yes or No | This field indicates if FTTC Self Install option was chosen during order journey. |
| FTTP On Demand | 49 | 40 | Text | | Yes or NULL | This field indicates if “FTTPOnDemand” option was chosen by the CP or not. |
| OpenreachModem | 50 | 40 | Text | | Yes or No | This field indicates if ‘OpenreachModem’ is chosen by the CP or not. This field is applicable only for FTTC. |
| StartOrderStatus | 51 | 40 | Text | | Yes or NULL | Yes means order is FTTC Start. Null or blank means BAU order |
| AccessLineId | 52 | 40 | Text | | e.g. AL09503953177 | This field will hold the AccessLineId value. |
| New Line | 53 | 40 | Text | | Yes or Null | Yes indicates New Line. It denotes SoGEA New Line connection has been charged in current bill .Null or Blank means not a new line. |
| Charging Category | 54 | 40 | Text | | ChargingCategory1…ChargingCategory30 or Blank | ChargingCategory1..ChargingCategory30 indicates CP has chosen corresponding chargingcategory pricing.Blank indicates Standard Pricing |
| Connection Charge Type | 55 | 40 | Text | | TakeOverWorkingLine /Blank | Product attribute – ‘Connection Charge Type’ of WBC product – ‘End User Access’. |

\* Asterisk = Fields whose values will not get populated. For more information on the WBC product family view the product handbook @<http://www.btwholesale.com/pages/sc/static/broadband/Products/Internet/Wholesale_Broadband_Connect_wBBC/WBC_Handbooks.html>

## 2.4. EVENT CHARGES RECORD

The following event detail records will be included in the output file and will contain the following character separated bill data.

Below table hold the event type name and there corresponding mapping values. These will be used further.

|  |  |
| --- | --- |
| **Event Type Name** | **Event Mapping Number** |
| CC ISP Usage | E1 |
| CC ISP Generic | E2 |
| Other Charges WBC End user WBC Generic  Other Charges (Non VAT) - WBC Generic (Non VAT) | E3 |
| Session Based Charges(Event types Session based)  1) WBC Session Initiation Events  2) WBC Session Duration Events  3) WBC Advanced Services Enablement | E4 |
| Usage based charges (Event type:- WBC Usage Based Charging) | E5 |
| TVC Generic/ TVC Generic (Non VAT) | E6 |
| TVC Usage | E7 |

Record Type: **EVENT**

**Note:** Use the hyperlinks to find the event type name corresponding to the event mapping number (last columns).

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Field Name** | **Field No** | **Maximum Field Length** | **Format** | **Value** | [**E1**](#wbcE1) | [**E2**](#wbcE2) | [**E3**](#wbcE3) | | [**E4**](#wbcE4) | [**E5**](#wbcE5) | **E6** | **E7** |
| Record Type | 1 | 255 | Text | EVENT |  |  | |  |  |  |  |  |
| \*Product Description | 2 | 40 | Text | Not Used for WBC Events. |  |  | |  |  |  |  |  |
| \*Product Tariff Name | 3 | 40 | Text | Not Used for WBC Events. |  |  | |  |  |  |  |  |
| Event Source | 4 | 40 | Text | e.g. BBEU30052272 |  |  | |  |  |  |  |  |
| Event Description | 5 | 40 | Text | e.g. CC ISP Usage. |  |  | |  |  |  |  |  |
| Charge Reason | 6 | 40 | Text | e.g. Loss of associated PSTN Service, Cease, Migration. |  |  | |  |  |  |  |  |
| Event Date | 7 | DATE | YYYYMMDD | e.g. 20090101 |  |  | |  |  |  |  |  |
| \*End Date | 8 | DATE | YYYYMMDD | Not Used for WBC Events. |  |  | |  |  |  |  |  |
| \*Address Line 1 | 9 | 80 | Text | Not Used for WBC Events. |  |  | |  |  |  |  |  |
| \*Post Code | 10 | 16 | Text | Not Used for WBC Events. |  |  | |  |  |  |  |  |
| \*CSS/Seibel Job No | 11 | 20 | Text | Not Used for WBC Events. |  |  | |  |  |  |  |  |
| Cust/SP Order No/Fault No.1/2 | 12 | 80 | Text | e.g. 00009990 - C7 |  |  | |  |  |  |  |  |
| \*Spare | 13 | NOT APPLICABLE | NOT APPLICABLE | NOT APPLICABLE |  |  | |  |  |  |  |  |
| \*Quantity/HDFP air count | 14 | 9 | Num | Not Used for WBC Events. |  |  | |  |  |  |  |  |
| \*Units | 15 | 40 | Text | Not Used for WBC Events. |  |  | |  |  |  |  |  |
| Unit rate | 16 | 18 | Num | e.g. 3632 |  |  | |  |  |  |  |  |
| Event Cost | 17 | 18 | Num | e.g. 141 = £1.41 |  |  | |  |  |  |  |  |
| VAT Status | 18 | 2 | Num | e.g.  1 = standard  2 = VAT exempt |  |  | |  |  |  |  |  |
| \*CSS Account Number | 19 | 20 | Text | Not Used for WBC Events. |  |  | |  |  |  |  |  |
| \*Prod Type | 20 | 20 | Text | Not Used for WBC Events. |  |  | |  |  |  |  |  |
| \*OR Service ID | 21 | 20 | Text | Not Used for WBC Events. |  |  | |  |  |  |  |  |
| \*Circuit ID | 22 | 20 | Text | Not Used for WBC Events. |  |  | |  |  |  |  |  |
| \*MDF Site | 23 | 20 | Text | Not Used for WBC Events. |  |  | |  |  |  |  |  |
| \*Room ID | 24 | 20 | Text | Not Used for WBC Events. |  |  | |  |  |  |  |  |
| \*Service ID | 25 | 40 | Text | Not Used for WBC Events. |  |  | |  |  |  |  |  |
| Event Class | 26 | 40 | Text | e.g. WBC-FTTC-TRC-PER-HOUR-T2R |  |  | |  |  |  |  |  |
| Event Name | 27 | 40 | Text | e.g. WBC-FTTC-TRC-PER-HOUR-T2R |  |  | |  |  |  |  |  |
| \*CBUK reference number | 28 | 20 | Text | Not Used for WBC Events. |  |  | |  |  |  |  |  |
| \*CLI | 29 | 20 | Text | Not Used for WBC Events. |  |  | |  |  |  |  |  |
| \*MAC code | 30 | 20 | Text | Not Used for WBC Events. |  |  | |  |  |  |  |  |
| \*Free text | 31 | 20 | Text | Not Used for WBC Events. |  |  | |  |  |  |  |  |
| \*TRC Start date time | 32 | DATE | YYYYMMDD | Not Used for WBC Events. |  |  | |  |  |  |  |  |
| \*Clear code | 33 | 20 | Text | Not Used for WBC Events. |  |  | |  |  |  |  |  |
| \*TRC description code | 34 | 20 | Text | Not Used for WBC Events. |  |  | |  |  |  |  |  |
| Price list reference | 35 | 256 | Text | e.g. SECTION 44: PART 7: SUB PART 1: Optional Features |  |  | |  |  |  |  |  |
| Price list description | 36 | 256 | Text | e.g. AP Bandwidth above Contracted Total 0-5% |  |  | |  |  |  |  |  |

\* Asterisk = Fields whose values will not get populated.

### **Event fields from attribute 37 onwards are unique to the below mentioned event types listed below as the other WBC event type’s attributes do not extend beyond field 36. Any field numbers after those shown in each of the tables below will be empty up to field 72. Any event types not shown below will all** **have empty fields from 37-72.**

### Event: CC ISP Usage.

These events are specific to CC ISP Usage.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Field Name** | **Field No** | **Maximum Field Length** | **Format** | **Value** | **Note** |
| Bandwidth Volume(Gbytes) | 37 | 40 | Text | e.g. 90600 |  |
| Traffic Type | 38 | 40 | Text | e.g. Best Effort, Assured rate |  |
| DELIVERY SERVICE ID | 39 | 20 | Text | e.g. CSP123-001 |  |

### Event: Origin Server Storage Usage

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Field Name** | **Field No** | **Maximum Field Length** | **Format** | **Value** | **Note** |
| Committed Storage (GB) | 37 | 20 | Text | e.g. 5000 |  |
| Rounded Peak Storage (GB) | 38 | 20 | Text | e.g. 6000 |  |
| Absolute Burst Storage (GB) | 39 | 20 | Text | e.g.1000 |  |
| CSP Name | 40 | 20 | Text | e.g.BBC123 |  |

### Event: Other Charges/Other Charges (Non VAT) WBC End user, WBC Generic, WBC Generic (Non VAT)

These events are specific to Other Charges/ Other Charges (Non VAT): WBC End user, WBC Generic, WBC Generic (Non VAT)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Field Name** | **Field No** | **Maximum Field Length** | **Format** | **Value** | **Note** |
| Duration/Visits | 37 | 40 | Text | e.g. 2,5 | Number of hours or Number of visits or Quantity for FTTx T2R Stores Charge. |

### Event: Session Based Charges (Event types Session based)

These events are specific to Session Based

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Field Name** | **Field No** | **Maximum Field Length** | **Format** | **Value** | **Note** |
| Minutes | 37 | 18 | Num | e.g. 1 |  |
| Record Count | 38 | 18 | Num | e.g. 12 |  |

### Event: Usage based charges

These events are specific to Usage Based

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Field Name** | **Field No** | **Maximum Field Length** | **Format** | **Value** | **Note** |
| Contracted Bandwidth | 37 | 18 | Num | e.g.50 | Contracted bandwidth in Mbit/s |
| Overcapacity Bandwidth | 38 | 18 | Num | e.g. 2 | Burst Bandwidth in Mbit/s |
| Peak Percentage | 39 | 18 | Num | e.g. 5.0 | Peak percentage of burst bandwidth |
| Prorate Period | 40 | 18 | Num | e.g. 31 | Pro-rate period in days |

### Event: TVC Usage

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Field Name** | **Field No** | **Maximum Field Length** | **Format** | **Value** | **Note** |
| EU Count | 37 | 18 | Num | e.g. 12 | Number of new ports |

## 2.5. ADJUSTMENTS RECORD

The following adjustment records will be included in the output file and contain the following data.

Record Type: **ADJUSTMENTS**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Field Name** | **Field No** | **Maximum Field Length** | **Format** | **Value** | **Note** |
| Record Type | 1 | 255 | Text | ADJUSTMENTS |  |
| Adjustment Name | 2 | 40 | Text | e.g. WBC EUA Expedited Charge |  |
| Adjustment free text field | 4 | 255 | Text | e.g. , BBEU01635329 - WBC & WBMC - 21C Broadband (WBC & WBMC) |  |
| Adjustment Date | 7 | DATE | YYYYMMDD | e.g. 20090101 |  |
| Net Value | 17 | 18 | Num | e.g. 141 = £1.41 |  |
| VAT Status | 18 | 2 | Num | e.g.  1 = standard  2 = VAT exempt |  |

**Note**: Rest all fields are NOT APPLICABLE to WBC Adjustment.

## 2.6 BILL SUMMARY RECORD

The following single trailer record will be included in the output file.

Record Type: **BILLSUMMARYRECORD**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Field Name** | **Field No** | **Maximum Field Length** | **Format** | **Value** | **Note** |
| Record Type | 1 | 255 | Text | BILLSUMMARYRECORD |  |
| Net total of total bill charges(Pence) | 2 | 18 | Num | The charges are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00. |  |
| Total VAT due on bill(Pence) | 3 | 18 | Num | The charges are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00. |  |
| Net total of charges, NOT subject to VAT(Pence) | 4 | 18 | Num | The charges are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00. |  |
| Invoice total due including any VAT(Pence) | 5 | 18 | Num | The charges are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00. |  |
| Summary total of all one-off charges | 6 | 18 | Num | The charges are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00. |  |
| Summary total of all periodic charges | 7 | 18 | Num | The charges are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00. |  |
| Summary total of all event charges | 8 | 18 | Num | The charges are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00. |  |
| Summary total of all non product/event charges | 9 | 18 | Num | The charges are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00. |  |
| Summary total of all session based charges | 10 | 18 | Num | e.g. 617300 |  |
| Summary total of all usage based charges | 11 | 18 | Num | e.g. 46300 |  |
| Summary total of all the CC | 12 | 18 | Num | Total CC Charges. |  |
|  |  |  |  |  |  |

|  |  |
| --- | --- |
|  | 3. WBMC Bill Backup |

## Bill Backup Data File

The bill backup files will contain a number of different types of records as listed.

* Customer record (identified by CUSTOMERRECORD). This will be used to identify which CP is being billed and what the account number is etc.
* Product Charge (identified by PRODUCTCHARGE) – this is used for the following charge categories:
* Connection charges (for new supply and transfer charges)
* Rental charges
* Contract termination charges
* Event charges (identified by EVENTCHARGE) – used for miscellaneous charges and credits charges.
* Adjustments (identified by ADJUSTMENT) – used for miscellaneous bill adjustments.
* BILL SUMMARY RECORD (identified by BILLSUMMARYRECORD) – used for displaying the summary in bill.

**FILE FORMAT** ((using | as the delimiter))

* 1. [DESCRIPTION](#wbmcdesc)
  2. [HEADER RECORD](#wbmcheader)
  3. [PRODUCT CHARGES RECORD](#wbmpc)
  4. [EVENT CHARGES RECORD](#wbmec)
  5. [ADJUSTMENTS RECORD](#wbmadj)
  6. [BILL SUMMARY RECORD](#wbmtrailor)

**Note**: Use above hyperlinks to traverse through desired section. Please move the mouse over the sections and then click control (ctrl) key

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**\*Initial comments\***

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

1. FILE FORMAT

## 3.1. DESCRIPTION

This document describes the layout and organisation of the new bill data extract

format(s). The bill data extract format is delivered for information purposes only.

The taxable invoice is the accompanying rtf document.

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Details of attributes in a record type \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

Field Name : Name of data field present in a record of a Backup File.

Field No. : Position of data field in a record of a Backup File.

Maximum Field Length : Maximum length of data field in the record.

Format : Type and format of the data field in the record (for e.g. text, number, date with specified format etc.).

Value : Possible value for data set.

## 3.2. HEADER RECORD

The Customer Detail header record will be the first record in the file and contain the following character separated bill data.

Record Type: **CUSTOMERRECORD**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field Name** | **Field No** | **Maximum Field Length** | **Format** | **Value** |
| Record Type | 1 | 255 | Text | CUSTOMERRECORD |
| Geneva customer reference | 2 | 20 | Text | e.g. 5999999999 |
| Account reference | 3 | 20 | Text | e.g. GD55800086 |
| Invoice reference | 4 | 30 | Text | e.g. GD55800086 M027 |
| Bill tax date | 5 | DATE | YYYYMMDD | e.g. 20090101 |
| Business name | 6 | 100 | Text | e.g. INTRONET SOLUTIONS LTD |
| Address name if available | 7 | 225 | Text | e.g. Mr B Woods |
| First line of address | 8 | 80 | Text | e.g. Accounts Dept |
| Post code | 9 | 16 | Text | e.g. CR5 2HS |
| Customer VAT status | 10 | 1 | Text | e.g.  1 = Standard  2 = VAT exempt |
| Bill Type | 11 | 9 | Text | e.g.  1=Periodic  2=Interim  5= VAT credit |
| Bill title or service name | 12 | 80 | Text | e.g. BT Wholesale Broadband Managed Connect |

This header record uses the standard format for header records for other services being billed on GenIUS.

## 3.3. PRODUCT CHARGES RECORD

The following product details record will be included in the data file and contain the following character separated bill data.

Record Type: **PRODUCTCHARGE**

| **Field Name** | **Field No** | **Maximum Field Length** | **Format** | **Value** | **Note** |
| --- | --- | --- | --- | --- | --- |
| Record Type | 1 | 255 | Text | PRODUCTCHARGE |  |
| Product Description | 2 | 40 | Text | e.g. End User Access |  |
| Prod Tariff Name | 3 | 40 | Text | e.g. Real Time Contracted Bandwidth |  |
| Product Label | 4 | 80 | Text | e.g. BBEU6000000. |  |
| Charge Description | 5 | 20 | Text | e.g. Rental, Connection, Termination, Early Termination, Increase |  |
| Charge Reason | 6 | 40 | Text | e.g. Loss of associated PSTN Service, Cease, Migration. | This field will contain cease reason or Migration reason.  It is used for IPstream Connect EUA entries and WBC EUA |
| Start date | 7 | DATE | YYYYMMDD | e.g. 20070301 |  |
| End date | 8 | DATE | YYYYMMDD | e.g.20070331 |  |
| First line of address | 9 | 80 | Text | e.g. Accounts Dept | Is used for IPstream Connect EUA entries |
| Post Code | 10 | 16 | Text | e.g. CR5 2HS | Is used for IPstream Connect EUA entries |
| \* CSS/Seibel Job No | 11 | 20 | Text | Not Used For WBMC |  |
| Customer order number | 12 | 20 | Text | e.g. B172829 |  |
| \*Spare | 13 | NOT APPLICABLE | NOT APPLICABLE | NOT APPLICABLE |  |
| Quantity | 14 | 9 | Num | e.g. 10 | Quantity will be 1 for EUA & Standard EP. For AP Assured/Real Time/Total and Direct EP, it can be more than 1 |
| Units | 15 | 5 | Text | e.g. Mbps, Link (s) | Unit is applicable only for AP Assured, AP Real Time, AP Total and Direct EP |
| Unit rate | 16 | 18 | Num | e.g. 14 |  |
| Product Rate/Price | 17 | 18 | Num | e.g. 141 = £1.41 | The product Prices are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00 |
| VAT Status | 18 | 2 | Text | e.g.  1=Std VAT  2=VAT Exempt |  |
| \*CSS Account Number | 19 | 20 | Text | Not Used For WBMC |  |
| \*Prod Type | 20 | 20 | Text | Not Used For WBMC |  |
| \*OR Service ID | 21 | 20 | Text | Not Used For WBMC |  |
| \*Circuit ID | 22 | 20 | Text | Not Used For WBMC |  |
| \*MDF Site | 23 | 20 | Text | Not Used For WBMC |  |
| \*Room ID | 24 | 20 | Text | Not Used For WBMC |  |
| Service ID | 25 | 40 | Text | e.g. BBEU6000000 |  |
| \*Event Class | 26 | 40 | Text | Not Used For WBMC |  |
| \*Event Name | 27 | 40 | Text | Not Used For WBMC |  |
| CBUK reference number | 28 | 20 | Text | e.g. CBUK24157764 | Is used for IPstream Connect EUA |
| CLI | 29 | 20 | Text | e.g. 01604639836 | Is used for IPstream Connect EUA |
| MAC code | 30 | 20 | Text | e.g. LDSD1340335/GK17R | Is used for IPstream Connect EUA |
| \*Free text | 31 | 20 | Text | Not Used For WBMC |  |
| \*TRC Start date time | 32 | DATE | YYYYMMDD | Not Used For WBMC |  |
| \*Clear code | 33 | 20 | Text | Not Used For WBMC |  |
| \*TRC description code | 34 | 20 | Text | Not Used For WBMC |  |
| Price list reference | 35 | 256 | Text | e.g. BT WBMC Shared Service - Schedule 4:Section 5 |  |
| Price list description | 36 | 256 | Text | e.g. Each 1Gb Host Link (Resilient) - ordered prior to 01.12.2009 |  |
| **Note**: Fields from 37-72 are specific and unique to WBMC products and will be populate if they carry any values. | | | | | |
| Dedicated Link Reference  Or  Bill Description  Or  Channel Name | 37 | 40 | Text | e.g. BBCH12345678  Or  e.g. End User Access, Aggregation Point - Assured Rate  Or  Discovery | * Dedicated Link Reference is for WBMC * Bill Description is for WBC EUA and IPSC EUA/FVA Connectivity Set /FVA Interconnect * Channel Name for TVC product |
| Technology/ Exchange ID/Definition | 38 | 40 | Text | e.g. ADSL, ADSL2plus, FTTC, FTTP or EMDAVEN Or  HD, SD | Technology is applicable for WBC EUA / FVA Connectivity Set/ FVA Interconnect pass through charges and Exchange ID is applicable for IPSC EUA. Or  Definition for TVC Product |
| Exchange Id/Associate Service Id | 39 | 40 | Text | e.g.EAABR/Cease | This is only for WBC EUA /FVA Connectivity Set pass through charge.  Associated Service ID for FVA Interconnect (this will have value only when Interconnect Type is "Media and Signalling") pass through charge |
| Exchange Band/Bandwidth | 40 | 40 | Text | e.g.A/100Mbit/s | This is only for WBC EUA pass through charge. |
| Real Time / CVLAN/Interconnect Option | 41 | 40 | Text | e.g. 0Kbit/s, 350Kbit/s, 700Kbit/s etc | This is only for WBC EUA pass through charge.  CVLAN FVA Connectivity set pass through charge  Interconnect Option for FVA Interconnect pass through charge |
| Assured /Interconnect Type | 42 | 40 | Text | e.g. Yes, No | This is only for WBC EUA pass through charge.  Interconnect Type for FVA Interconnect pass through charge |
| Traffic Weighting/Reason | 43 | 40 | Text | e.g. Standard, Elevated | This is only for WBC EUA/FVA pass through charge. |
| Access Line Rate | 44 | 40 | Text | e.g. 24M/448K, 24M/Annex M, 24M/Uncapped,40/2M | Downstream/Upstream bandwidth  This is only for WBC EUA pass through charge. |
| Transition Pricing | 45 | 40 | Text | Yes or NULL | This is only for WBC EUA pass through charge. |
| Market B Offer | 46 | 40 | Text | e.g. Market B Offer | This can be Null or fixed test as ‘Market B Offer’ |
| FVA Linkage Discount | 47 | 40 | Text | Yes/No | This field indicate if the customer is having FVA discount or not |
| Self Install | 48 | 40 | Text | Yes or No | This field indicates if FTTC Self Install option was chosen during order journey. |
| FTTP On Demand | 49 | 40 | Text | Yes or NULL | This field indicates if “FTTPOnDemand” option was chosen by the CP or not. |
| OpenreachModem | 50 | 40 | Text | Yes or No | This field indicates if ‘OpenreachModem’ is chosen by the CP or not. This field is applicable only for FTTC. |
| StartOrderStatus | 51 | 40 | Text | Yes or NULL | Yes means order is FTTC Start. Null or blank means BAU order |
| AccessLineId | 52 | 40 | Text | e.g. AL09503953177 | This field will hold the AccessLineId value. |
| New Line | 53 | 40 | Text | Yes or Null | Yes indicates New Line. It denotes SoGEA New Line connection has been charged in current bill .Null or Blank means not a new line. |
| Charging Category | 54 | 40 | Text | ChargingCategory1…ChargingCategory30 or Blank | ChargingCategory1..ChargingCategory30 indicates CP has chosen corresponding chargingcategory pricing.Blank indicates Standard Pricing |
| Connection Charge Type | 55 | 40 | Text | TakeOverWorkingLine /Blank | Product attribute – ‘Connection Charge Type ‘of WBC product – ‘End User Access’. |

\* Asterisk = Fields whose values will not get populated

For more information on WBMC Dedicated please contact your BT account manager or Product Line contact who can provide more details on the product and pricing structure.

## 3.4. EVENT CHARGES RECORD

The following event detail records will be included in the output file and will contain the following character separated bill data.

Below table hold the event type name and there corresponding mapping values. These will be used further.

|  |  |
| --- | --- |
| **Event Type Name** | **Event Mapping Number** |
| WBMC IPSC ADSL EUA | E1 |
| WBMC IPSC SDSL EUA | E2 |
| WBMC IPSC EUA Generic/ WBMC IPSC Gen One-off Charge (Non VAT) | E3 |
| Usage Based Charging | E4 |
| Session Based Charges | E5 |
| IPSC\Content Connect ISP Charges | E6 |
| wBC/Content Connect Charges | E7 |
| WBC/ TV Connect Generic/ WBMC TVC Generic (WBC Non VAT) | E8 |
| Other Charges  Following are various Event Types associated with this charges:  1) WBMC Generic  2) WBMC Shared Service  3) WBMC Dedicated Service 4) IPStream Connect Handover (WBMC)5) IPStream Contracted Bandwidth (WBMC) 6) WBMC WBC EUA Other One-off Charge  Other Charges (Non VAT)  Following are various Event Types associated with this charges:  1) WBMC Generic (Non VAT)  2) WBMC WBC Other One-off Charge (Non VAT) | E9 |
| WBC/TV Connect Premium Usage | E10 |

Record Type: **EVENT**

**Note:** Use the hyperlinks to find the event type name corresponding to the event mapping number (last columns).

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Field Name** | **Field No** | **Maximum Field Length** | **Format** | **Value** | [**E1**](#wbmce1) | [**E2**](#wbmce2) | [**E3**](#wbmce3) | [**E4**](#wbmce4) | [**E5**](#wbmce5) | [**E6**](#wbmce6) | [**E7**](#wbmce7) | [**E8**](#wbmce8) | **E9** | **E10** |
| Record Type | 1 | 255 | Text | EVENT |  |  |  |  |  |  |  |  |  |  |
| \*Product Description | 2 | 40 | Text | Not Used For WBMC events. |  |  |  |  |  |  |  |  |  |  |
| \*Product Tariff Name | 3 | 40 | Text | Not Used For WBMC events. |  |  |  |  |  |  |  |  |  |  |
| Event Source | 4 | 40 | Text | e.g. BBIP30052272 |  |  |  |  |  |  |  |  |  |  |
| Event Description | 5 | 40 | Text | e.g. IPStream Generic. |  |  |  |  |  |  |  |  |  |  |
| Charge Reason | 6 | 40 | Text | e.g. Cancellation Charge |  |  |  |  |  |  |  |  |  |  |
| Event Date | 7 | Date | YYYYMMDD | e.g. 20090101 |  |  |  |  |  |  |  |  |  |  |
| \*End Date | 8 | Date | YYYYMMDD | Not Used For WBMC events. |  |  |  |  |  |  |  |  |  |  |
| \*Address Line 1 | 9 | 80 | Text | Not Used For WBMC events. |  |  |  |  |  |  |  |  |  |  |
| \*Post Code | 10 | 16 | Text | Not Used For WBMC events. |  |  |  |  |  |  |  |  |  |  |
| \*CSS/Seibel Job No | 11 | 20 | Text | Not Used For WBMC events. |  |  |  |  |  |  |  |  |  |  |
| Cust/SP Order No/Fault No.1/2 | 12 | 80 | Text | e.g. 00009990 - C7 |  |  |  |  |  |  |  |  |  |  |
| \*Spare | 13 | NOT APPLICABLE | NOT APPLICABLE | Not Used For WBMC events. |  |  |  |  |  |  |  |  |  |  |
| \*Quantity/HDFP air count | 14 | 9 | Num | Used for AVC Count  e.g : 15. |  |  |  |  |  |  |  |  |  |  |
| \*Units | 15 | 40 | Text | Not Used For WBMC events. |  |  |  |  |  |  |  |  |  |  |
| \*Unit rate | 16 | 18 | Num | Not Used For WBMC events. |  |  |  |  |  |  |  |  |  |  |
| Event Cost | 17 | 18 | Num | e.g. 141 = £1.41 |  |  |  |  |  |  |  |  |  |  |
| VAT Status | 18 | 2 | Num | e.g.  1 = standard  2 = VAT exempt |  |  |  |  |  |  |  |  |  |  |
| \*CSS Account Number | 19 | 20 | Text | Not Used For WBMC events. |  |  |  |  |  |  |  |  |  |  |
| \*Prod Type | 20 | 20 | Text | Not Used For WBMC events. |  |  |  |  |  |  |  |  |  |  |
| \*OR Service ID | 21 | 20 | Text | Not Used For WBMC events. |  |  |  |  |  |  |  |  |  |  |
| \*Circuit ID | 22 | 20 | Text | Not Used For WBMC events. |  |  |  |  |  |  |  |  |  |  |
| \*MDF Site | 23 | 20 | Text | Not Used For WBMC events. |  |  |  |  |  |  |  |  |  |  |
| \*Room ID | 24 | 20 | Text | Not Used For WBMC events. |  |  |  |  |  |  |  |  |  |  |
| \*Service ID | 25 | 40 | Text | Not Used For WBMC events. |  |  |  |  |  |  |  |  |  |  |
| Event Class | 26 | 40 | Text | e.g. CC\_ISP\_Usage\_Charge |  |  |  |  |  |  |  |  |  |  |
| Event Name | 27 | 40 | Text | e.g. BB SFI Charge |  |  |  |  |  |  |  |  |  |  |
| CBUK reference number | 28 | 20 | Text | e.g. CBUK24157764 |  |  |  |  |  |  |  |  |  |  |
| CLI | 29 | 20 | Text | e.g. 01604639836 |  |  |  |  |  |  |  |  |  |  |
| MAC code | 30 | 20 | Text | e.g. LDSD1340335/GK17R |  |  |  |  |  |  |  |  |  |  |
| \*Free text | 31 | 20 | Text | Not Used For WBMC events. |  |  |  |  |  |  |  |  |  |  |
| \*TRC Start date time | 32 |  | DATE | Not Used For WBMC events. |  |  |  |  |  |  |  |  |  |  |
| \*Clear code | 33 | 20 | Text | Not Used For WBMC events. |  |  |  |  |  |  |  |  |  |  |
| \*TRC description code | 34 | 20 | Text | Not Used For WBMC events. |  |  |  |  |  |  |  |  |  |  |
| Price list reference | 35 | 256 | Text | e.g. BT WBMC Shared Service - Schedule 4:Section 5.3 |  |  |  |  |  |  |  |  |  |  |
| Price list description | 36 | 256 | Text | e.g. Host Link Cancellation Charges (PONR less 2 Working Days ) |  |  |  |  |  |  |  |  |  |  |

\* Asterisk = Fields whose values will not get populated.

Event fields from attribute 37 onwards are unique to the five event types listed below as the other WBMC event type’s attributes do not extend beyond field 36. Any field numbers after those shown in each of the tables below will be empty up to field 72. Any event types not shown below will all have empty fields from 37-72.

### Event: WBMC IPSC ADSL EUA

These events are specific to WBMC IPSC ADSL EUA

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Field Name** | **Field No** | **Maximum Field Length** | **Format** | **Value** | **Note** |
| Additional Reference | 37 | 40 | Text | e.g. IPADSLAVC |  |

### Event: WBMC IPSC SDSL EUA

These events are specific to WBMC IPSC ADSL EUA

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Field Name** | **Field No** | **Maximum Field Length** | **Format** | **Value** | **Note** |
| Network Build Cost Band | 38 | 40 | Text | e.g. 3 |  |

### Event: WBMC IPSC EUA Generic/WBMC IPSC Gen One-off Charge (Non VAT)

These events are specific to WBMC IPSC EUA Generic

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Field Name** | **Field No** | **Maximum Field Length** | **Format** | **Value** | **Note** |
| Duration | 37 | 18 | Num | e.g. 56 |  |
| Charge Band | 38 | 40 | Text | e.g. BTIPStreamHome |  |

### Event: Session Based Charges

These events are specific to Session Based Charges

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Field Name** | **Field No** | **Maximum Field Length** | **Format** | **Value** | **Note** |
| Record Count | 37 | 18 | Num | e.g. 6 |  |
| Minutes | 38 | 18 | Num | e.g. 5 |  |

### Event: IPSC\Content Connect ISP

These events are specific to IPSC\Content Connect ISP Charges

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Field Name** | **Field No** | **Maximum Field Length** | **Format** | **Value** | **Note** |
| Bandwidth Volume(Gbytes) | 37 | 40 | Text | e.g. 985 |  |
| Traffic Type | 38 | 40 | Text | e.g. Best Effort, Assured Rate |  |
| Delivery Service Id | 39 | 40 | Text | CSP123-001 |  |

### Event: WBMC\Content Connect ISP

These events are specific to IPSC\Content Connect ISP Charges

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Field Name** | **Field No** | **Maximum Field Length** | **Format** | **Value** | **Note** |
| Bandwidth Volume(Gbytes) | 37 | 40 | Text | e.g. 985 |  |
| Traffic Type | 38 | 40 | Text | e.g. Best Effort, Assured Rate |  |
| Delivery Service Id | 39 | 40 | Text | CSP123-001 |  |

### Event: WBC/ TV Connect Usage/WBMC TVC Generic (WBC Non VAT)

These events are specific to WBC/ TV Connect Premium Usage

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Field Name** | **Field No** | **Maximum Field Length** | **Format** | **Value** | **Note** |
| EU count | 37 | 18 | Num | e.g. 3000 | Number of new ports enabled |
| Charge per EU | 38 | 40 | Text | e.g. 3000 |  |

### Event: Origin Server Storage Usage

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Field Name** | **Field No** | **Maximum Field Length** | **Format** | **Value** | **Note** |
| Committed Storage (GB) | 37 | 20 | Text | e.g. 5000 |  |
| Rounded Peak Storage (GB) | 38 | 20 | Text | e.g. 6000 |  |
| Absolute Burst Storage (GB) | 39 | 20 | Text | e.g.1000 |  |
| CSP Name | 40 | 20 | Text | e.g.BBC123 |  |

### Event: Other Charges

These events are specific to

### 1) WBMC Generic/ WBMC Generic (Non VAT)

### 2) WBMC Shared Service

### 3) WBMC Dedicated Service

### 4) IPStream Connect Handover (WBMC)

### 5) IPStream Contracted Bandwidth (WBMC)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Field Name** | **Field No** | **Maximum Field Length** | **Format** | **Value** | **Note** |
| EU Count/Bandwidth (Mbps)/Cancellation Days | 37 | 40 | Text |  |  |
| Burst Bandwidth | 38 | 40 | Text | e.g. 110 |  |
| Prorate days | 39 | 40 | Text | e.g. 2 | Pro rate - days |
| Duration/Visits | 40 | 40 | Text | e.g. 2,5 | Number of hours or Number of visits |

## 3.5. ADJUSTMENTS RECORD

The following adjustment records will be included in the output file and contain the following data.

Record Type: **ADJUSTMENTS**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Field Name** | **Field No** | **Maximum Field Length** | **Format** | **Value** | **Note** |
| Record Type | 1 | 255 | Text | ADJUSTMENTS |  |
| Adjustment Name | 2 | 40 | Text | e.g. WBMC Shared Host Link Connection |  |
| Adjustment free text field | 4 | 255 | Text | e.g. , Adjustment to Shared Host Link |  |
| Adjustment Date | 7 | DATE | YYYYMMDD | e.g. 20090101 |  |
| Net Value | 17 | 18 | Num | e.g. 141 = £1.41 |  |
| VAT Status | 18 | 2 | Num | e.g.  1 = standard  2 = VAT exempt |  |

**Note**: Rest all fields are NOT APPLICABLE to WBMC Adjustment.

## 3.6 BILL SUMMARY RECORD

The following single trailer record will be included in the output file.

Record Type: **BILLSUMMARYRECORD**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Field Name** | **Field No** | **Maximum Field Length** | **Format** | **Value** | **Note** |
| Record Type | 1 | 255 | Text | BILLSUMMARYRECORD |  |
| Net total of total bill charges(Pence) | 2 | 18 | Num | The charges are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00. |  |
| Total VAT due on bill(Pence) | 3 | 18 | Num | The charges are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00. |  |
| Net total of charges, NOT subject to VAT(Pence) | 4 | 18 | Num | The charges are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00. |  |
| Invoice total due including any VAT(Pence) | 5 | 18 | Num | The charges are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00. |  |
| Summary total of all one-off charges | 6 | 18 | Num | The charges are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00. |  |
| Summary total of all periodic charges | 7 | 18 | Num | The charges are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00. |  |
| Summary total of all event charges | 8 | 18 | Num | The charges are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00. |  |
| Summary total of all non product/event charges | 9 | 18 | Num | The charges are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00. |  |
| Summary total of all session based charges | 10 | 18 | Num | e.g. 617300 |  |
| Summary total of all IPSC/CC charges | 11 | 18 | Num | e.g. 46300 |  |
| Summary total of all WBC/CC charges | 12 | 18 | Num | Total CC Charges. |  |
|  |  |  |  |  |  |

|  |  |
| --- | --- |
|  | 4. Managed BB Bill Backup |

## Bill Backup Data File

The bill backup files will contain a number of different types of records as listed.

* Customer record (identified by CUSTOMERRECORD). This will be used to identify which CP is being billed and what the account number is etc.
* Event charges (identified by EVENTCHARGE) – used for miscellaneous charges and credits charges.
* Adjustments (identified by ADJUSTMENT) – used for miscellaneous bill adjustments.

**FILE FORMAT** ((using | as the delimiter))

* 1. [DESCRIPTION](#mbdesc)
  2. [HEADER RECORD](#mbbheader)
  3. [EVENT CHARGES RECORD](#mbbec)
  4. [ADJUSTMENT RECORD](#mbbadj)

* 1. [BILL SUMMARY RECORD](#mbbbillbackup)

**Note**: Use above hyperlinks to traverse through desired section. Please move the mouse over the sections and then click control (ctrl) key

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**\*Initial comments\***

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

1. FILE FORMAT

## 4.1. DESCRIPTION

This document describes the layout and organisation of the new bill data extract

format(s). The bill data extract format is delivered for information purposes only.

The taxable invoice is the accompanying rtf document.

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Details of attributes in a record type \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

Field Name : Name of data field present in a record of a Backup File.

Field No. : Position of data field in a record of a Backup File.

Maximum Field Length : Maximum length of data field in the record.

Format : Type and format of the data field in the record (for e.g. text, number, date with specified format etc.).

Value : Possible value for data set.

## 

## 4.2. HEADER RECORD

The Customer Detail header record will be the first record in the file and contain the following character separated bill data.

Record Type: **CUSTOMERRECORD**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field Name** | **Field No** | **Maximum Field Length** | **Format** | **Value** |
| Record Type | 1 | 255 | Text | CUSTOMERRECORD |
| Geneva customer reference | 2 | 20 | Text | e.g. G/M59828700 |
| Account reference | 3 | 20 | Text | e.g. GD55800086 |
| Invoice reference | 4 | 30 | Text | e.g. GD55800086 M027 |
| Bill tax date | 5 | DATE | YYYYMMDD | e.g. 20090101 |
| Business name | 6 | 100 | Text | e.g. INTRONET SOLUTIONS LTD |
| Address name if available | 7 | 225 | Text | e.g. Mr B Woods |
| First line of address | 8 | 80 | Text | e.g. Accounts Dept |
| Post code | 9 | 16 | Text | e.g. CR5 2HS |
| Customer VAT status | 10 | 1 | Text | e.g.  1 = Standard  2 = VAT exempt |
| Bill Type | 11 | 9 | Text | e.g.  1=Periodic  2=Interim  3=Initiation  4=Termination  5=VAT Credit |
| Bill title or service name | 12 | 80 | Text | e.g. BT Wholesale |

## 4.3. EVENT CHARGES RECORD

The following event detail records will be included in the output file and will contain the following character separated bill data.

Record Type: **EVENT**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Field Name** | | **Field No** | **Maximum Field Length** | **Format** | **Value** |
| Record Type | | 1 | 255 | Text | EVENT |
| Product Description | | 2 | 40 | Text | e.g. BT IPstream Home-Refund |
| Product Tariff Name | | 3 | 40 | Text | e.g. Max - Capacity |
| Event Source | | 4 | 40 | Text | e.g. 0455815597 |
| Event Description | | 5 | 40 | Text | e.g. Ad-Hoc |
| Charge Reason | | 6 | 40 | Text | e.g. RENTAL Charge |
| Event Date | | 7 | DATE | YYYYMMDD | e.g. 20090101 |
| \*End Date | | 8 | DATE | YYYYMMDD | Not Used for Managed BB events. |
| \*Address Line 1 | | 9 | 80 | Text | Not Used for Managed BB events. |
| \*Post Code | | 10 | 16 | Text | Not Used for Managed BB events. |
| \*CSS/Seibel Job No | | 11 | 20 | Text | Not Used for Managed BB events. |
| \*Cust/SP Order No/Fault No.1/2 | | 12 | 80 | Text | Not Used for Managed BB events. |
| \*Spare | | 13 | NOT APPLICABLE | NOT APPLICABLE | Not Used for Managed BB events. |
| \*Quantity/HDFP air count | | 14 | 9 | Num | Not Used for Managed BB events. |
| \*Units | | 15 | 40 | Text | Not Used for Managed BB events. |
| \*Unit rate | | 16 | 18 | Num | Not Used for Managed BB events. |
| Event Cost | | 17 | 18 | Num | e.g. 141 = £1.41 |
| VAT Status | | 18 | 2 | Num | e.g.  1 = standard  2 = VAT exempt |
| \*CSS Account Number | | 19 | 20 | Text | Not Used for Managed BB events. |
| \*Prod Type | | 20 | 20 | Text | Not Used for Managed BB events. |
| \*OR Service ID | | 21 | 20 | Text | Not Used for Managed BB events. |
| \*Circuit ID | | 22 | 20 | Text | Not Used for Managed BB events. |
| \*MDF Site | | 23 | 20 | Text | Not Used for Managed BB events. |
| \*Room ID | | 24 | 20 | Text | Not Used for Managed BB events. |
| Service ID | | 25 | 40 | Text | e.g. BBIP23003136 |
| \*Event Class | | 26 | 40 | Text | Not Used for Managed BB events. |
| \*Event Name | | 27 | 40 | Text | Not Used for Managed BB events. |
| \*CBUK reference number | | 28 | 20 | Text | Not Used for Managed BB events. |
| CLI | | 29 | 20 | Text | e.g. 1305779287 |
| \*MAC code | | 30 | 20 | Text | Not Used for Managed BB events. |
| \*Free text | | 31 | 20 | Text | Not Used for Managed BB events. |
| \*TRC Start date time | | 32 | DATE | YYYYMMDD | Not Used for Managed BB events. |
| \*Clear code | | 33 | 20 | Text | Not Used for Managed BB events. |
| \*TRC description code | | 34 | 20 | Text | Not Used for Managed BB events. |
| \*Price list reference | | 35 | 256 | Text | Will not be populated |
| \*Price list description | | 36 | 256 | Text | Will not be populated |
| **Note**: Fields from 37-72 are specific and unique to Managed BB products and will be populate if they carry any values. As there is only one field populated for Managed BB, then fields 38-72 will be shown but empty. | | | | | |
| Charge Period | 37 | | 20 | Text | e.g. 01/03/2010-31/03/2010 |

**\*** Asterisk = Fields whose values will not get populated.

## 4.4 ADJUSTMENTS RECORD

The following adjustment records will be included in the output file and contain the following data.

Record Type: **ADJUSTMENTS**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Field Name** | **Field No** | **Maximum Field Length** | **Format** | **Value** | **Note** |
| Record Type | 1 | 255 | Text | ADJUSTMENTS |  |
| Adjustment Name | 2 | 40 | Text | e.g. MNGD BRDBND DSL MAX RENTAL |  |
| Adjustment free text field | 4 | 255 | Text | e.g. Managed BB adjustment |  |
| Adjustment Date | 7 | DATE | YYYYMMDD | e.g. 20090101 |  |
| Net Value | 17 | 18 | Num | e.g. 141 = £1.41 |  |
| VAT Status | 18 | 2 | Num | e.g.  1 = standard  2 = VAT exempt |  |

**Note**: Rest all fields are NOT APPLICABLE to Managed BB Adjustments.

## 4.5. BILL SUMMARY RECORD

The following single circuit summary record will be included in the output file. For different products, Bill Summary Records positions and field name varies.

RECORDTYPE: **BILLSUMMARYRECORD**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Field Name** | **Field No** | **Maximum Field Length** | **Format** | **Value** | **Note** |
| Record Type | 1 | 255 | Text | BILLSUMMARYRECORD |  |
| Net total of total bill charges | 2 | 18 | Num | The charges are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00. |  |
| Total VAT due on bill | 3 | 18 | Num | The charges are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00. |  |
| Net total of charges, NOT subject to VAT | 4 | 18 | Num | The charges are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00. |  |
| Invoice total due including any VAT | 5 | 18 | Num | The charges are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00. |  |
| Summary total of all one-off charges | 6 | 18 | Num | The charges are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00. |  |
| Summary total of all periodic charges | 7 | 18 | Num | The charges are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00. |  |
| Summary total of all event charges | 8 | 18 | Num | The charges are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00. |  |
| Summary total of all non product/event charges | 9 | 18 | Num | The charges are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00. |  |
| Summary of Test Session Request Charges | 10 | 18 | Num | The charges are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00. |  |
| Summary total of all Flexi Cease charges | 11 | 18 | Num | The charges are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00. |  |

|  |  |
| --- | --- |
|  | 5. CC Basic Bill Backup |

## Bill Backup Data File

The bill backup files will contain a number of different types of records as listed.

* Header (identified by CUSTOMERRECORD) – Also called Customer record. This will be used to identify which customer is being billed and what the account number, Invoice number is etc.
* Product Charge (identified by PRODUCTCHARGE) – this is used for the following charge categories:
* Connection charges (for new supply and transfer charges)
* Rental charges
* Contract termination charges
* Event charges (identified by EVENTCHARGE) – used for miscellaneous charges and credits charges.
* Adjustments (identified by ADJUSTMENT) – used for miscellaneous bill adjustments.
* Footer (identified by BILLSUMMARYRECORD) – used for displaying the summary in bill.

**FILE FORMAT** ((using | as the delimiter))

* 1. [DESCRIPTION](#_5.1._DESCRIPTION)
  2. [HEADER RECORD](#_5.2._HEADER_RECORD)
  3. [PRODUCT CHARGES RECORD](#_5.3._PRODUCT_CHARGES)
  4. [EVENT CHARGES RECORD](#_5.4._EVENT_CHARGES)
  5. [ADJUSTMENTS RECORD](#_5.5._ADJUSTMENT_RECORD)
  6. [BILL SUMMARY RECORD](#_5.6._BILL_SUMMARY)

**Note**: Use above hyperlinks to traverse through desired section. Please move the mouse over the sections and then click control (ctrl) key

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**\*Initial comments\***

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

1. FILE FORMAT

## 5.1. DESCRIPTION

This document describes the layout and organisation of the new bill data extract format(s). The bill data extract format is delivered for information purposes only.

The taxable invoice is the accompanying rtf document.

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Details of attributes in a record type \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

Field Name : Name of data field present in a record of a Backup File.

Field No. : Position of data field in a record of a Backup File.

Maximum Field Length : Maximum length of data field in the record.

Format : Type and format of the data field in the record (for e.g. text,

number, date with specified format etc.).

Value : Possible value for data set.

## 5.2. HEADER RECORD

The Customer Detail header record will be the first record in the file and will contain the following character separated bill data.

Record Type: **CUSTOMERRECORD**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field Name** | **Field No** | **Maximum Field Length** | **Format** | **Value** |
| Record Type | 1 | 255 | Text | CUSTOMERRECORD |
| Geneva customer reference | 2 | 20 | Text | e.g. CUG12345678 |
| Account reference | 3 | 20 | Text | e.g. GD55800213 |
| Invoice reference | 4 | 30 | Text | e.g. GD55800213 M002 |
| Bill tax date | 5 | DATE | YYYYMMDD | e.g. 20100526 |
| Business name | 6 | 100 | Text | e.g. INTRONET SOLUTIONS LTD |
| Address name if available | 7 | 225 | Text | e.g. Mr B Woods |
| First line of address | 8 | 80 | Text | e.g. Accounts Dept |
| Post code | 9 | 16 | Text | e.g. CR5 2HS |
| Customer VAT status | 10 | 1 | Text | e.g.  1 = Standard  2 = VAT exempt |
| Bill Type | 11 | 9 | Text | e.g.  1 = Periodic  2 = Interim  3 = VAT Credit |
| Bill title or service name | 12 | 80 | Text | e.g. Content Connect |

This header record uses the standard format for header records for other services being billed on GenIUS.

## 5.3. PRODUCT CHARGES RECORD

The following product details record will be included in the data file and will contain the following character separated bill data.

Record Type: **PRODUCTCHARGE**

| **Field Name** | **Field No** | **Maximum Field Length** | **Format** | **Value** | **Note** |
| --- | --- | --- | --- | --- | --- |
| Record Type | 1 | 255 | Text | PRODUCTCHARGE |  |
| Product Description | 2 | 40 | Text | e.g. Content Connect Basic, Content Connect Origin Server, Content Connect Basic Additional Service etc | Product Name |
| Product Tariff name | 3 | 40 | Text | e.g. Committed Bandwidth, Storage Capacity, Geo Blocking etc. |  |
| Product Label | 4 | 80 | Text | e.g. WCCC12345678 |  |
| Charge Description/Type | 5 | 20 | Text | e.g. Rental, Connection, Termination, Early Termination |  |
| \* Charge Reason | 6 | 40 | Text | Not Used for CC Products Charges. |  |
| Start Date | 7 | DATE | YYYYMMDD | e.g. 20100101 |  |
| End Date | 8 | DATE | YYYYMMDD | e.g. 20100101 |  |
| \* First line of address | 9 | 80 | Text | Not Used for CC Products Charges. |  |
| \* Post Code | 10 | 16 | Text | Not Used for CC Products Charges. |  |
| \* CSS/Seibel Job No | 11 | 20 | Text | Not Used for CC Products Charges. |  |
| Cust/SP order No/Fault ref No.1/2 | 12 | 20 | Text | e.g. 00009990 - C7 | Customer Order Number |
| \*Spare | 13 | NOT APPLICABLE | NOT APPLICABLE | Not Used for CC Products Charges. |  |
| Quantity | 14 | 9 | Num | e.g. 1 |  |
| Units | 15 | 40 | Text | e.g. Gbytes, Gbit/s etc |  |
| Unit rate | 16 | 18 | Num | e.g. 3632 |  |
| Product Rate/Price | 17 | 18 | Num | e.g. 141 = £1.41 | The product Prices are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00 |
| VAT Status | 18 | 2 | Num | e.g.  1 = standard  2 = VAT exempt |  |
| \*CSS Account Number | 19 | 20 | Text | Not Used for CC Products Charges. |  |
| \*Prod Type | 20 | 20 | Text | Not Used for CC Products Charges. |  |
| \*OR Service ID | 21 | 20 | Text | Not Used for CC Products Charges. |  |
| \*Circuit ID | 22 | 20 | Text | Not Used for CC Products Charges. |  |
| \*MDF Site | 23 | 20 | Text | Not Used for CC Products Charges. |  |
| \*Room ID | 24 | 20 | Text | Not Used for CC Products Charges. |  |
| Service ID | 25 | 40 | Text | e.g. WCCC12345678 |  |
| \*Event Class | 26 | 40 | Text | Not Used for CC Products Charges. |  |
| \*Event Name | 27 | 40 | Text | Not Used for CC Products Charges. |  |
| \*CBUK reference number | 28 | 20 | Text | Not Used for CC Products Charges. |  |
| \*CLI | 29 | 20 | Text | Not Used for CC Products Charges. |  |
| \*MAC code | 30 | 20 | Text | Not Used for CC Products Charges. |  |
| \*Free text | 31 | 20 | Text | Not Used for CC Products Charges. |  |
| \*TRC Start date time | 32 |  | DATE | Not Used for CC Products Charges. |  |
| \*Clear code | 33 | 20 | Text | Not Used for CC Products Charges. |  |
| \*TRC description code | 34 | 20 | Text | Not Used for CC Products Charges. |  |
| Price list reference | 35 | 256 | Text |  |  |
| Price list description | 36 | 256 | Text |  |  |
| **Note:** Fields from 37-72 are specific and unique to CC Basic products and will be populate if they carry any values | | | | | |
| Bill Description | 37 | 40 | Text | e.g. Content Connect Basic - Committed Bandwidth, Content Connect Origin Server - Storage Capacity, Content Connect Basic Additional Service Geo Blocking etc. | Bill Description Value |
| Commitment Period/ Data Service Type | 38 | 40 | Text | e.g. Annual, Monthly | Commitment Period for Internet Delivery product. Data Service Type for Origin server product |
| Commitment Bandwidth | 39 | 40 | Text | e.g. 100 | Commitment Bandwidth(in Gbytes) for Internet Delivery product |
| Commitment Start Date | 40 | 40 | Text | e.g. 20100601 | Commitment Start Date for Internet Delivery product |
| Commitment End Date | 41 | 40 | Text | e.g. 20110531 | Commitment End Date for Internet Delivery product |

**\*** Asterisk = Fields whose values will not get populated.

## 5.4. EVENT CHARGES RECORD

The following event detail records will be included in the output file and will contain the following character separated bill data.

Below table hold the event type name and there corresponding mapping values. These will be used further.

|  |  |
| --- | --- |
| **Event Type Name** | **Event Mapping Number** |
| Content Connect Origin Server Generic | E1 |
| Content Connect Basic Generic | E2 |
| Content Connect Basic Usage | E3 |
| Content Connect CSP Generic | E4 |
| Content Connect CSP Usage Reporting | E5 |
| Origin Server Storage Usage | E6 |

Record Type: **EVENT**

**Note:** Use the hyperlinks to find the event type name corresponding to the event mapping number (last columns).

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Field Name** | **Field No** | **Maximum Field Length** | **Format** | **Value** | [**E1**](#wcc_origin_generic) | [**E2**](#wcc_int_delivery_generic) | [**E3**](#wcc_int_delivery_usage) | [**E4**](#wcc_csp_generic) | **E5** | **E6** |
| Record Type | 1 | 255 | Text | EVENT |  |  |  |  |  |  |
| \*Product Description | 2 | 40 | Text | Not Used for CC Events. |  |  |  |  |  |  |
| \*Product Tariff Name | 3 | 40 | Text | Not Used for CC Events. |  |  |  |  |  |  |
| Event Source | 4 | 40 | Text | e.g. WCCC12345678, WCCO12345678 etc |  |  |  |  |  |  |
| Event Description | 5 | 40 | Text | e.g. Content Connect Origin Server Generic, Content Connect Basic Generic, Content Connect Basic Usage, CC CSP Usage Reporting etc |  |  |  |  |  |  |
| Charge Reason | 6 | 40 | Text | e.g. CC Basic Modify Charge, CC Burst Usage, Consultancy Charges, CC Usage Report etc |  |  |  |  |  |  |
| Event Date | 7 | DATE | YYYYMMDD | e.g. 20100101 |  |  |  |  |  |  |
| \*End Date | 8 | DATE | YYYYMMDD | Not Used for CC Events. |  |  |  |  |  |  |
| \*Address Line 1 | 9 | 80 | Text | Not Used for CC Events. |  |  |  |  |  |  |
| \*Post Code | 10 | 16 | Text | Not Used for CC Events. |  |  |  |  |  |  |
| \*CSS/Seibel Job No | 11 | 20 | Text | Not Used for CC Events. |  |  |  |  |  |  |
| Cust/SP Order No/Fault No.1/2 | 12 | 40 | Text | e.g. 00009990 - C7 |  |  |  |  |  |  |
| \*Spare | 13 | NOT APPLICABLE | NOT APPLICABLE | Not Used for CC Events. |  |  |  |  |  |  |
| \*Quantity/HDFP air count | 14 | 9 | Num | Not Used for CC Events. |  |  |  |  |  |  |
| \*Units | 15 | 40 | Text | Not Used for CC Events. |  |  |  |  |  |  |
| \*Unit rate | 16 | 18 | Num | Not Used for CC Events. |  |  |  |  |  |  |
| Event Cost | 17 | 18 | Num | e.g. 141 = £1.41 |  |  |  |  |  |  |
| VAT Status | 18 | 2 | Num | e.g.  1 = standard  2 = VAT exempt |  |  |  |  |  |  |
| \*CSS Account Number | 19 | 20 | Text | Not Used for CC Events. |  |  |  |  |  |  |
| \*Prod Type | 20 | 20 | Text | Not Used for CC Events. |  |  |  |  |  |  |
| \*OR Service ID | 21 | 20 | Text | Not Used for CC Events. |  |  |  |  |  |  |
| \*Circuit ID | 22 | 20 | Text | Not Used for CC Events. |  |  |  |  |  |  |
| \*MDF Site | 23 | 20 | Text | Not Used for CC Events. |  |  |  |  |  |  |
| \*Room ID | 24 | 20 | Text | Not Used for CC Events. |  |  |  |  |  |  |
| \*Service ID | 25 | 20 | Text | Not Used for CC Events. |  |  |  |  |  |  |
| Event Class | 26 | 40 | Text | e.g. CC Basic Modify Charge |  |  |  |  |  |  |
| \*Event Name | 27 | 40 | Text | Not Used for CC Events. |  |  |  |  |  |  |
| \*CBUK reference number | 28 | 20 | Text | Not Used for CC Events. |  |  |  |  |  |  |
| \*CLI | 29 | 20 | Text | Not Used for CC Events. |  |  |  |  |  |  |
| \*MAC code | 30 | 20 | Text | Not Used for CC Events. |  |  |  |  |  |  |
| \*Free text | 31 | 20 | Text | Not Used for CC Events. |  |  |  |  |  |  |
| \*TRC Start date time | 32 |  | DATE | Not Used for CC Events. |  |  |  |  |  |  |
| \*Clear code | 33 | 20 | Text | Not Used for CC Events. |  |  |  |  |  |  |
| \*TRC description code | 34 | 20 | Text | Not Used for CC Events. |  |  |  |  |  |  |
| Price list reference | 35 | 256 | Text | Currently not populated |  |  |  |  |  |  |
| Price list description | 36 | 256 | Text | Currently not populated |  |  |  |  |  |  |

\* Asterisk = Fields whose values will not get populated.

Event fields from attribute 37 onwards are unique to the event types listed below as the other CC Basic event type’s attributes do not extend beyond field 36.

### Event: Content Connect Basic Usage

These events are specific to Internet Delivery burst usage charge.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Field Name** | **Field No** | **Maximum Field Length** | **Format** | **Value** | **Note** |
| Committed Bandwidth | 37 | 40 | Text | e.g. 10 | Committed Bandwidth in Gbytes |
| Burst Bandwidth  ( Gbytes) | 38 | 40 | Text | e.g. 5 | Burst Bandwidth in Gbytes |
| Total Bandwidth Used ( Gbytes) | 42 | 40 | Text | e.g. 5 | Total Bandwidth Used in Gbytes |

### Event: Content Connect CSP Usage Reporting

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Field Name** | **Field No** | **Maximum Field Length** | **Format** | **Value** | **Note** |
| Delivery Service Id | 37 | 40 | Text | e.g. CSP123-001 | CSP services delievred via delievry service id |
| ISP Name | 38 | 40 | Text | e.g. BT Retail | ISP Name |
| Delivery Service Type | 39 | 40 | Text | e.g. Standard | Type of service (Standard/Premium) |
| Total Bandwidth Used (Gbytes) | 40 | 40 | Text | e.g. 5 | Total Bandwidth Used in Gbytes |

### Event: Origin Server Storage Usage

These fields are specific to Origin Server Storage Usage charge.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Field Name** | **Field No** | **Maximum Field Length** | **Format** | **Value** | **Note** |
| Committed Storage (GB) | 37 | 40 | Text | e.g. 10 etc. | Committed Origin Server Storage in Gbytes |
| Peak Storage (GB) | 38 | 40 | Text | e.g. 5 etc | Peak Origin Server Storage in Gbytes |
| Burst Storage  ( GB) | 39 | 40 | Text | e.g. 5 etc | Burst Origin Server Storage in Gbytes |

## 5.5. ADJUSTMENT RECORD

The following adjustment records will be included in the output file and will contain the following data.

Record Type: **ADJUSTMENTS**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Field Name** | **Field No** | **Maximum Field Length** | **Format** | **Value** | **Note** |
| Record Type | 1 | 255 | Text | ADJUSTMENTS |  |
| Adjustment Name | 2 | 40 | Text | e.g. CC Basic Usage Commitment Adj |  |
| Adjustment free text field | 4 | 255 | Text | e.g. CC Basic Usage Commitment Adj for service id WCCC12345678 | Free text to mention reason for adjustment in detail |
| Adjustment Date | 7 | DATE | YYYYMMDD | e.g. 20090101 |  |
| Net Value | 17 | 18 | Num | e.g. 141 = £1.41 | Net value can be Positive or Negative depending upon whether adjustment is in customer’s favour or not. |
| VAT Status | 18 | 2 | Num | e.g.  1 = standard  2 = VAT exempt |  |

**Note**: Rest all fields are NOT APPLICABLE to CC Adjustments.

## 5.6. BILL SUMMARY RECORD

The following single trailer record will be included in the output file. For different products, Bill Summary Records positions and field name varies.

RECORDTYPE: **BILLSUMMARYRECORD**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Field Name** | **Field No** | **Maximum Field Length** | **Format** | **Value** | **Note** |
| Record Type | 1 | 255 | Text | BILLSUMMARYRECORD |  |
| Net total of total bill charges(Pence) | 2 | 18 | Num | The charges are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00. |  |
| Total VAT due on bill(Pence) | 3 | 18 | Num | The charges are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00. |  |
| Net total of charges, NOT subject to VAT(Pence) | 4 | 18 | Num | The charges are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00. |  |
| Invoice total due including any VAT(Pence) | 5 | 18 | Num | The charges are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00. |  |
| Summary total of all one-off charges | 6 | 18 | Num | The charges are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00. |  |
| Summary total of all periodic charges | 7 | 18 | Num | The charges are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00. |  |
| Summary total of all event charges | 8 | 18 | Num | The charges are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00. |  |
| Summary total of all non product/event charges | 9 | 18 | Num | The charges are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00. |  |
| Summary total of all Usage based charges | 10 | 18 | Num | The charges are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00. |  |

|  |  |
| --- | --- |
|  | 6. 21CN Ethernet Bill Backup |

## Bill Backup Data File

The bill backup files will contain a number of different types of records as listed.

* Header (identified by CUSTOMERRECORD) – Also called Customer record. This will be used to identify which customer is being billed and what the account number, Invoice number is etc.
* Product Charge (identified by PRODUCTCHARGE) – this is used for the following charge categories:
* Connection charges (for new supply and transfer charges)
* Rental charges
* Contract termination charges
* Event charges (identified by EVENTCHARGE) – used for miscellaneous charges and credits charges.
* Adjustments (identified by ADJUSTMENT) – used for miscellaneous bill adjustments.
* Footer (identified by BILLSUMMARYRECORD) – used for displaying the summary in bill.

**FILE FORMAT** ((using | as the delimiter))

* 1. [DESCRIPTION](#etherdescription)
  2. [HEADER RECORD](#etherheadre)
  3. [PRODUCT CHARGES RECORD](#etherprodch)
  4. [EVENT CHARGES RECORD](#etherneteventrec)
  5. [ADJUSTMENTS RECORD](#ethernetadjust)
  6. [DISCOUNT SUMMARY RECORD](#ethernetdiscount)
  7. [BILL SUMMARY RECORD](#etherbillsummr)

**Note**: Use above hyperlinks to traverse through desired section. Please move the mouse over the sections and then click control (ctrl) key

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**\*Initial comments\***

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

1. FILE FORMAT

## 6.1. DESCRIPTION

This document describes the layout and organisation of the new bill data extract format(s). The bill data extract format is delivered for information purposes only.

The taxable invoice is the accompanying rtf document.

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Details of attributes in a record type \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

Field Name : Name of data field present in a record of a Backup File.

Field No. : Position of data field in a record of a Backup File.

Maximum Field Length : Maximum length of data field in the record.

Format : Type and format of the data field in the record (for e.g. text,

number, date with specified format etc.).

Value : Possible value for data set.

## 6.2. HEADER RECORD

The Customer Detail header record will be the first record in the file and will contain the following character separated bill data.

Record Type: **CUSTOMERRECORD**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field Name** | **Field No** | **Maximum Field Length** | **Format** | **Value** |
| Record Type | 1 | 255 | Text | CUSTOMERRECORD |
| Geneva customer reference | 2 | 20 | Text | e.g. O455813643 |
| Account reference | 3 | 20 | Text | e.g. GD55813643 |
| Invoice reference | 4 | 30 | Text | e.g. GD55813643 M002 |
| Bill tax date | 5 | DATE | YYYYMMDD | e.g. 20110115 |
| Business name | 6 | 100 | Text | e.g. INTRONET SOLUTIONS LTD |
| Address name if available | 7 | 225 | Text | e.g. Mr B Woods |
| First line of address | 8 | 80 | Text | e.g. Accounts Dept |
| Post code | 9 | 16 | Text | e.g. CR5 2HS |
| Customer VAT status | 10 | 1 | Text | e.g.  1 = Standard  2 = VAT exempt |
| Bill Type | 11 | 9 | Text | e.g.  1 = Periodic  2 = Interim  3 = VAT Credit |
| Bill title or service name | 12 | 80 | Text | e.g. BT Wholesale Ethernet |

This header record uses the standard format for header records for other services being billed on GenIUS.

## 6.3. PRODUCT CHARGES RECORD

The following product details record will be included in the data file and will contain the following character separated bill data.

Record Type: **PRODUCTCHARGE**

| **Field Name** | **Field No** | **Maximum Field Length** | **Format** | **Value** | **Note** |
| --- | --- | --- | --- | --- | --- |
| Record Type | 1 | 255 | Text | PRODUCTCHARGE |  |
| Product Description | 2 | 40 | Text | e.g. Etherway Copper, Etherflow-Connected etc | Product Name |
| Product Tariff name | 3 | 40 | Text | e.g. 100Mb, 100:50 | For 21CN Ethernet, Bandwidth is mapped to this column.  For GEA Downstream and upstream bandwidth in concatenation with. |
| Product Label | 4 | 40 | Text | e.g. ETHA12345678 | Service ID of the Product |
| Charge Description/Type | 5 | 40 | Text | e.g. 'Rental', 'Connection', 'Termination', 'Early Termination' |  |
| \* Charge Reason | 6 | 40 | Text | Not Used for 21CN Products |  |
| Start Date | 7 | DATE | YYYYMMDD | e.g. 20100101 |  |
| End Date | 8 | DATE | YYYYMMDD | e.g. 20100101 |  |
| \* First line of address | 9 | 80 | Text | Not Used for 21CN Products |  |
| Post Code | 10 | 16 | Text | e.g. ME38EU |  |
| CSS/Seibel Job No | 11 | 20 | Text | e.g. OS011-1234567891 |  |
| Cust/SP order No/Fault ref No.1/2 | 12 | 80 | Text |  | Customer Order number is a free text value |
| \*Spare | 13 | Not Applicable | Not Applicable | Not Used for 21CN Products |  |
| Quantity | 14 | 9 | Num | e.g. 1 |  |
| \*Units | 15 | 40 | Text | Not Used for 21CN Products |  |
| Unit rate | 16 | 18 | Num | e.g. 3632 |  |
| Product Rate/Price | 17 | 18 | Num | e.g. 141 = £1.41 | The product Prices are in pence. Hence the value of 141 should be read as £1.41 and 3600 should be read as £36.00 |
| \*VAT Status | 18 | 2 | Num | Not Used for 21CN Products |  |
| \*CSS Account Number | 19 | 20 | Text | Not Used for 21CN Products |  |
| \*Prod Type | 20 | 20 | Text | 5 Year Term | This is the ‘Access Pricing Period’ attribute which holds the special contract term (other than default 1year) for Etherway Access product |
| \*OR Service ID | 21 | 20 | Text | Not Used for 21CN Products |  |
| \*Circuit ID | 22 | 20 | Text | Not Used for 21CN Products |  |
| \*MDF Site | 23 | 20 | Text | Not Used for 21CN Products |  |
| \*Room ID | 24 | 20 | Text | Not Used for 21CN Products |  |
| \*Service ID | 25 | 40 | Text | Not Used for 21CN Products |  |
| \*Event Class | 26 | 40 | Text | Not Used for 21CN Products |  |
| \*Event Name | 27 | 40 | Text | Not Used for 21CN Products |  |
| CBUK reference number | 28 | 20 | Text | e.g. ETHN11111111 | Network Id |
| \*CLI | 29 | 20 | Text | Not Used for 21CN Products |  |
| \*MAC code | 30 | 20 | Text | Not Used for 21CN Products |  |
| Cell site ID | 31 | 20 | Text |  | This is a free text value |
| \*TRC Start date time | 32 |  | DATE | Not Used for 21CN Products |  |
| \*Clear code | 33 | 20 | Text | Not Used for 21CN Products |  |
| \*TRC description code | 34 | 20 | Text | Not Used for 21CN Products |  |
| Price list reference | 35 | 256 | Text | e.g. CPL B2.07- Ethernet MSIL 2.7.1.1 | CPL = Carrier price list  This is only for MSIL product |
| Price list description | 36 | 256 | Text | e.g. Access Port Handover (APH) Secure Rental – fixed | This is only for MSIL product |
| Building Name / Sub Premise | 37 | 40 | Text | e.g. BOREHAMWOOD |  |
| Customer Thoroughfare/ Thoroughfare Number | 38 | 40 | Text | e.g. Oxford Street / 12457 |  |
| Customer Dependent Thoroughfare | 39 | 40 | Text |  |  |
| Site Locality Name | 40 | 40 | Text | e.g. Gatwick Airport |  |
| Site County Name | 41 | 20 | Text | e.g. London |  |
| Site Country Name | 42 | 20 | Text |  |  |
| Metro Exchange Id (Node) /Exch 1141 Code | 43 | 20 | Text | e.g. L/AL |  |
| Exchange Name | 44 | 20 | Text | e.g. BOREHAMWOOD |  |
| APSID 1 | 45 | 20 | Text | e.g. ETHA12345678 | A End Etherway Id  (in case of Etherflow-Internet product APSID attribute will be populated in APSID1 attribute position) |
| APSID 2 | 46 | 20 | Text | e.g. ETHA12345678 | B End Etherway Id. This will be E-LAN Id for Etherflow Dynamic product |
| Interface type | 47 | 20 | Text | e.g. 10 BaseT |  |
| Contention | 48 | 20 | Text | e.g. Premium |  |
| Connector type | 49 | 20 | Text |  | MSIL only |
| Resilience | 50 | 20 | Text | e.g. Secure |  |
| OrderDate | 51 | Date | YYYYMMDD | e.g. 20060801 |  |
| ServiceHandoverDate | 52 | Date | YYYYMMDD | e.g. 20061001 |  |
| AVLANID | 53 | 20 | Text | e.g. 23 | Numeric Value |
| BVLANID | 54 | 20 | Text | e.g. 40 | Numeric Value |
| ServicePoint ID | 55 | 20 | Text |  |  |
| CPE Class | 56 | 20 | Text | e.g. Single 8605, Dual 8605 |  |
| RadialDistance | 57 | 5 | Num | e.g. 1 |  |
| Real Time | 58 | 20 | Text | e.g. 5,10 etc. | This is the real time traffic in case of Etherflow Dynamic product. |
| Access Technology | 59 | 20 | Text | e.g., FTTC or FTTP or FOD | Access technology for BTW GEA product |
| Geo\_Exchange\_Band | 60 | 20 | Text | e.g. A , B or C | Geographical Exchange Band for GEA Product. |
| IP Address Count | 61 | 5 | Num | e.g. 10, 20 | IP Address Count For Etherflow Internet product and  Etherflow Internet Activation Charge |
| Fibre Working | 62 | 20 | Text | e.g. Single Fibre | Fibre Working attribute value for connection and rental charges |
| Sharing Option | 63 | 20 | Text | e.g. Co-hosted | Sharing Option attribute value for connection and rental charges |

**\*** Asterisk = Fields whose values will not get populated.

For MSIL Products only http://www.btwholesale.com/pages/cmsjsps/service\_and\_support/service\_support\_hub/online\_pricing\_hub/cpl\_hub/cpl\_pricing\_hub/cpl\_browsable\_sections/cpl\_browsable\_sectionb\_2.jsp

## 6.4. EVENT CHARGES RECORD

The following event detail records will be included in the output file and will contain the following character separated bill data.

Below table hold the event type name and there corresponding mapping values. These will be used further.

|  |  |
| --- | --- |
| **Event Type Name** | **Event Mapping Number** |
| 21CN Services Generic/21CN Services Generic (Non VAT) | E1 |

Record Type: **EVENT**

**Note:** Use the hyperlinks to find the event type name corresponding to the event mapping number (last columns).

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Field Name** | **Field No** | **Maximum Field Length** | **Format** | **Value** | [**E1**](#wcc_origin_generic) |
| Record Type | 1 | 255 | Text | EVENT |  |
| \*Product Description | 2 | 40 | Text | Not Used for 21CN Ethernet Events. |  |
| \*Product Tariff Name | 3 | 40 | Text | Not Used for 21CN Ethernet Events. |  |
| Event Source | 4 | 40 | Text | e.g. ETHA 12345678 |  |
| Event Description | 5 | 40 | Text | e.g. Cancellation charge, Design Excess Construction Charges |  |
| \*Charge Reason | 6 | 40 | Text | Not Used for 21CN Ethernet Events. |  |
| Event Date | 7 | DATE | YYYYMMDD | e.g. 20100101 |  |
| \*End Date | 8 | DATE | YYYYMMDD | Not Used for 21CN Ethernet Events. |  |
| \*Address Line 1 | 9 | 80 | Text | Not Used for 21CN Ethernet Events. |  |
| \*Post Code | 10 | 16 | Text | Not Used for 21CN Ethernet Events. |  |
| CSS/Seibel Job No | 11 | 20 | Text | e.g. 1-2ABCDEF (Note: This is Siebel generated order/fault number) |  |
| Cust/SP Order No/Fault No.1/2 | 12 | 40 | Text | This is a free text value. This field will hold charge reference in case of fault charges. |  |
| \*Spare | 13 | Not Applicable | Not Applicable | Not Used for 21CN Ethernet Events. |  |
| \*Quantity/HDFP air count | 14 | 9 | Num | e.g. 1. This field holds the number of hrs /number of visits for TRC charges |  |
| \*Units | 15 | 40 | Text | Not Used for 21CN Ethernet Events. |  |
| \*Unit rate | 16 | 18 | Num | Not Used for 21CN Ethernet Events. |  |
| Event Cost | 17 | 18 | Num | e.g. 141 = £1.41 |  |
| VAT Status | 18 | 2 | Num | e.g.  1 = standard  2 = VAT exempt |  |
| \*CSS Account Number | 19 | 20 | Text | Not Used for 21CN Ethernet Events. |  |
| \*Prod Type | 20 | 20 | Text | Not Used for 21CN Ethernet Events. |  |
| \*OR Service ID | 21 | 20 | Text | Not Used for 21CN Ethernet Events. |  |
| \*Circuit ID | 22 | 20 | Text | Not Used for 21CN Ethernet Events. |  |
| \*MDF Site | 23 | 20 | Text | Not Used for 21CN Ethernet Events. |  |
| \*Room ID | 24 | 20 | Text | Not Used for 21CN Ethernet Events. |  |
| \*Service ID | 25 | 20 | Text | Not Used for 21CN Ethernet Events. |  |
| \*Event Class | 26 | 40 | Text | Not Used for 21CN Ethernet Events. |  |
| \*Event Name | 27 | 40 | Text | Not Used for 21CN Ethernet Events. |  |
| CBUK reference number | 28 | 20 | Text | ETHN12345678 |  |
| \*CLI | 29 | 20 | Text | Not Used for 21CN Ethernet Events. |  |
| \*MAC code | 30 | 20 | Text | Not Used for 21CN Ethernet Events. |  |
| \*Free text | 31 | 20 | Text | Not Used for 21CN Ethernet Events. |  |
| \*TRC Start date time | 32 |  | DATE | Not Used for 21CN Ethernet Events. |  |
| \*Clear code | 33 | 20 | Text | Not Used for 21CN Ethernet Events. |  |
| \*TRC description code | 34 | 20 | Text | Not Used for 21CN Ethernet Events. |  |
| \*Price list reference | 35 | 256 | Text | Not Used for 21CN Ethernet Events. |  |
| \*Price list description | 36 | 256 | Text | Not Used for 21CN Ethernet Events. |  |
| Exchange Name | 37 | 20 | Text |  |  |
| Associated Product Service Id | 38 | 20 | Text | e.g. ETHA12345678 |  |
| CPE Class | 39 | 20 | Text | e.g. Single 8605, Dual 8605 |  |

\* Asterisk = Fields whose values will not get populated.

## 6.5. ADJUSTMENT RECORD

The following adjustment records will be included in the output file and will contain the following data.

Record Type: **ADJUSTMENTS**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Field Name** | **Field No** | **Maximum Field Length** | **Format** | **Value** | **Note** |
| Record Type | 1 | 255 | Text | ADJUSTMENT |  |
| Adjustment Name | 2 | 40 | Text | RCS Rebate - Fault |  |
| Adjustment free text | 4 | 255 | Text |  | Free text to mention reason for adjustment in detail |
| Adjustment Date | 7 | DATE | YYYYMMDD | e.g. 20090101 |  |
| Net Value | 17 | 18 | Num | e.g. 141 = £1.41 | Net value can be Positive or Negative depending upon whether adjustment is in customer’s favour or not. |
| VAT Status | 18 | 2 | Num | e.g.  1 = standard  2 = VAT exempt |  |

**Note**: Rest all fields are NOT APPLICABLE to 21CN Ethernet Adjustments.

## 6.6. DISCOUNT SUMMARY RECORD

The following discount summary record will be included in the output file and will contain the following data.

Record Type: **DISCOUNTSUMMARY**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Field Name** | **Field No** | **Maximum Field Length** | **Format** | **Value** | **Note** |
| Record Type | 1 | 255 | Text | DISCOUNT |  |
| Prod label | 4 | 50 | Text | e.g. ETHA00000001 |  |
| Charge Desc/Type | 5 |  | Text | e.g. e.g. HUB-1Gbit/s-M |  |
| Start Date | 7 | 8 | Num | e.g. 20101111 |  |
| End Date | 8 | 8 | Num | e.g. 20101111 |  |
| Cust/SP order No/Fault ref No.1/2 | 12 | 10 | Text | e.g. Contract0001 | Free Text Value |
| Quantity | 14 | 20 | Num | e.g. 300 | Qualifying Amount |
| Unit rate | 16 | 5 | Num | e.g. 50 | Discount Rate |
| Product Rate/Price | 17 | 18 | Num | e.g 230 |  |
| CBUK reference number | 28 | 20 | Text | e.g ETHN11111111 | Network ID |

**Note**: Rest all fields are NOT APPLICABLE to 21CN Ethernet

## 6.7. BILL SUMMARY RECORD

The following single trailer record will be included in the output file. For different products, Bill Summary Records positions and field name varies.

RECORDTYPE: **BILLSUMMARYRECORD**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Field Name** | **Field No** | **Maximum Field Length** | **Format** | **Value** | **Note** |
| Record Type | 1 | 255 | Text | BILLSUMMARYRECORD |  |
| Net total of total bill charges subject to VAT | 2 | 18 | Num | The charges are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00. |  |
| Total VAT due on bill | 3 | 18 | Num | The charges are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00. |  |
| Net total of charges, NOT subject to VAT | 4 | 18 | Num | The charges are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00. |  |
| Invoice total due including any VAT | 5 | 18 | Num | The charges are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00. |  |
| Summary total of all event charges (Connection and others) (pence) | 6 | 18 | Num | The charges are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00. |  |
| Total of periodic charges (subject to VAT) | 7 | 18 | Num | The charges are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00. |  |
| Summary total of all adjustments (pence) | 8 | 18 | Num | The charges are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00. |  |

|  |  |
| --- | --- |
|  | 7. SaaS Bill Backup |

## Bill Backup Data File

The bill backup files will contain a number of different types of records as listed.

* Customer record (identified by CUSTOMERRECORD). This will be used to identify which CP is being billed and what the account number is etc.
* Product Charge (identified by PRODUCTCHARGE) – this is used for the following charge categories:
* Connection charges (for new supply and transfer charges)
* Rental charges
* Contract termination charges
* Event charges (identified by EVENTCHARGE) – used for miscellaneous charges and credits charges.
* Adjustments (identified by ADJUSTMENT) – used for miscellaneous bill adjustments.
* Discounts (identified by DISCOUNTSUMMARYRECORD) – used for discounts in bill.
* BILL SUMMARY RECORD (identified by BILLSUMMARYRECORD) – used for displaying the summary in bill.

**FILE FORMAT** ((using | as the delimiter))

7.1 [DESCRIPTION](#ip_desc)

7.2 [HEADER RECORD](#ip_header)

7.3 [PRODUCT CHARGES RECORD](#ip_product)

7.4 [EVENT CHARGES RECORD](#ip_event)

7.5 [ADJUSTMENTS RECORD](#ip_adjustment)

7.6 [DISCOUNT SUMMARY](#ip_disc)

7.7 [BILL SUMMARY RECORD](#ip_billsummary)

**Note**: Use above hyperlinks to traverse through desired section. Please move the mouse over the sections and then click control (ctrl) key

## 7.1. DESCRIPTION

This document describes the layout and organisation of the new bill data extract

format(s). The bill data extract format is delivered for information purposes only.

The taxable invoice is the accompanying rtf document.

**General Notes:**

* Each of the file records will have a string definition defined as the first field.
* Each of the file record types contain character Separated Variables ((using “|” as the delimiter)).
* The data fields within each file are not in fixed positions, i.e. all fields are variable length.
* The file formats therefore only specify an indicative (or maximum) length of each field.
* The file format only specifies an indicative length for each field in a record type.
* All fields are contained in double quotes (“”) except for the record type
* All field data is not mandatory in a record type. If any data field is not present in a record, it should be Null.
* Please refer the attached document for viewing Bill Backup file in Microsoft Excel tool.

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Details of attributes in a record type \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

Field Name : Name of data field present in a record of a Backup File.

Field No. : Position of data field in a record of a Backup File.

Maximum Field Length : Maximum length of data field in the record.

Format : Type and format of the data field in the record (for e.g. text, number, date with specified format etc.).

Value : Possible value for data set.

## 7.2. HEADER RECORD

The Customer Detail header record will be the first record in the file and will contain the following character separated bill data.

Record Type: **CUSTOMERRECORD**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field Name** | **Field No** | **Maximum Field Length** | **Format** | **Value** |
| Record Type | 1 | 255 | Text | CUSTOMERRECORD |
| Geneva customer reference | 2 | 20 | Text | e.g. G/M12345678 |
| Account reference | 3 | 20 | Text | e.g. GB12345678 |
| Invoice reference | 4 | 30 | Text | e.g. GB12345678 Q002 |
| Bill tax date | 5 | DATE | YYYYMMDD | e.g. 20090101 |
| Business name | 6 | 100 | Text | e.g. INTRONET SOLUTIONS LTD |
| Address name if available | 7 | 225 | Text | e.g. Mr B Woods |
| First line of address | 8 | 80 | Text | e.g. Accounts Dept |
| Post code | 9 | 16 | Text | e.g. CR5 2HS |
| Customer VAT status | 10 | 1 | Text | e.g.  1 = Standard  2 = VAT exempt |
| Bill Type | 11 | 9 | Text | e.g.  1=Periodic  2=Interim  5=VAT credit |
| Bill title or service name | 12 | 80 | Text | e.g. SaaS Services |

This header record uses the standard format for header records for other services being billed on GenIUS.

## 7.3. PRODUCT CHARGES RECORD

The following product details record will be included in the data file and will contain the following character separated bill data.

Record Type: **PRODUCTCHARGE**

| **Field Name** | **Field No** | **Maximum Field Length** | **Format** | **Value** | **Note** |
| --- | --- | --- | --- | --- | --- |
| Record Type | 1 | 255 | Text | PRODUCTCHARGE |  |
| Product Description | 2 | 40 | Text | e.g. “SaaS Service “, “Echosign” , “Webhosting”, “Announcer Pro” |  |
| Product Tariff name | 3 | 20 | Text | e.g. “SaaS Service “, “Echosign- Trail”, Webhosting-Bronze”, etc. |  |
| Product Label | 4 | 20 | Text | e.g. Echo0000001 |  |
| Charge Description | 5 | 20 | Text | e.g. Rental, Connection, Refund, Increase |  |
| \*Charge Reason | 6 | 40 | Text | Not Used for SaaS Products |  |
| Start Date | 7 | DATE | YYYYMMDD | e.g.20090101 |  |
| End Date | 8 | DATE | YYYYMMDD | e.g.20090101 |  |
| \*First line of address | 9 | 80 | Text | Not Used for SaaS Products |  |
| \*Post Code | 10 | 16 | Text | Not Used for SaaS Products |  |
| \*CSS/Seibel Job No | 11 | 20 | Text | Not Used for SaaS Products |  |
| Cust/SP order No/Fault ref No.1/2 | 12 | 40 | Text | e.g. ADSL0111 |  |
| \*Spare | 13 | 40 | Text | Not Used for SaaS Products |  |
| Quantity | 14 | 9 | Num | e.g. 10 |  |
| Units | 15 | 40 | Text | E.g. Metres, Km, kW, Sq.Mtr, Mbps etc |  |
| Unit rate | 16 | 18 | Num | e.g. 3632 |  |
| Product Rate/Price | 17 | 18 | Num | e.g. 141 = £1.41 | The product Prices are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00 |
| VAT Status | 18 | 2 | Num | e.g.  1 = standard  2 = VAT exempt |  |
| \*CSS Account Number | 19 | 20 | Text | Not Used for SaaS. |  |
| \*Prod Type | 20 | 20 | Text | Not Used for SaaS. |  |
| \*OR Service ID | 21 | 20 | Text | Not Used for SaaS. |  |
| \*Circuit ID | 22 | 20 | Text | Not Used for SaaS. |  |
| \*MDF Site | 23 | 20 | Text | Not Used for SaaS. |  |
| \*Room ID | 24 | 20 | Text | Not Used for SaaS. |  |
| \*Service ID | 25 | 20 | Text | Not Used for SaaS. |  |
| \*Event Class | 26 | 20 | Text | Not Used for SaaS. |  |
| \*Event Name | 27 | 20 | Text | Not Used for SaaS. |  |
| \*CBUK reference number | 28 | 20 | Text | Not Used for SaaS. |  |
| \*CLI | 29 | 20 | Text | Not Used for SaaS. |  |
| \*MAC code | 30 | 20 | Text | Not Used for SaaS. |  |
| \*Free text | 31 | 20 | Text | Not Used for SaaS. |  |
| \*TRC Start date time | 32 |  | DATE | Not Used for SaaS. |  |
| \*Clear code | 33 | 20 | Text | Not Used for SaaS. |  |
| \*TRC description code | 34 | 20 | Text | Not Used for SaaS. |  |
| \*Price list reference | 35 | 256 | Text | Not Used for SaaS. |  |
| \*Price list description | 36 | 256 | Text | Not Used for SaaS. |  |
| Order Date | 37 | DATE | YYYYMMDD | e.g.20090101 |  |
| Customer Name | 38 | 40 | Text | e.g. XYZ Limited |  |
| Billing Reference | 39 | 40 | Text | e.g. ABCDEF1236 |  |
| ASID | 40 | 18 | Text | e.g. Echo0000001 |  |

**\*** Asterisk = Fields whose values will not get populated.

## 7.4. EVENT CHARGES RECORD

The following event detail records will be included in the output file and will contain the following character separated bill data.

Below table hold the event type name and there corresponding mapping values. These will be used further.

Record Type: **EVENT**

**Note:** Use the hyperlinks to find the event type name corresponding to the event mapping number (last columns).

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field Name** | **Field No** | **Maximum Field Length** | **Format** | **Value** |
| Record Type | 1 | 255 | Text | EVENT |
| \*Product Description | 2 | 40 | Text | Not Used for SaaS events. |
| \*Product Tariff Name | 3 | 20 | Text | Not Used for SaaS events. |
| Event Source | 4 | 40 | Text | e.g. 0455815597 |
| Event Description | 5 | 40 | Text | e.g. SaaS End User. |
| Charge Reason | 6 | 40 | Text | e.g. SaaS Domain Name -.com |
| Event Date | 7 | DATE | YYYYMMDD | e.g. 20090101 |
| End Date | 8 | DATE | YYYYMMDD | e.g. 20090101 |
| \*Address Line 1 | 9 | 80 | Text | Not Used for SaaS events. |
| \*Post Code | 10 | 16 | Text | Not Used for SaaS events. |
| \*CSS/Seibel Job No | 11 | 20 | Text | Not Used for SaaS events. |
| Cust/SP Order No/Fault No.1/2 | 12 | 40 | Text | e.g. ADSL0111 |
| \*Spare | 13 | 40 | Text | Not Used for SaaS events. |
| \*Quantity/HDFP air count | 14 | 9 | Num | Not Used for SaaS events. |
| \*Units | 15 | 40 | Text | Not Used for SaaS events. |
| \*Unit rate | 16 | 18 | Num | Not Used for SaaS events. |
| Event Cost | 17 | 18 | Num | Price in pence  e.g. 141 = £1.41 |
| VAT Status | 18 | 2 | Num | e.g.  1 = standard  2 = VAT exempt |
| \*CSS Account Number | 19 | 20 | Text | NOT APPLICABLE |
| \*Prod Type | 20 | 20 | Text | Not Used for SaaS events. |
| \*OR Service ID | 21 | 20 | Text | Not Used for SaaS events. |
| \*Circuit ID | 22 | 20 | Text | Not Used for SaaS events. |
| \*MDF Site | 23 | 20 | Text | Not Used for SaaS events. |
| \*Room ID | 24 | 20 | Text | Not Used for SaaS events. |
| Service ID | 25 | 20 | Text | e.g. Echosign |
| Event Class | 26 | 20 | Text | e.g. SaaS\_Domain\_Shield |
| \*Event Name | 27 | 20 | Text | Not Used for SaaS events. |
| \*CBUK reference number | 28 | 20 | Text | Not Used for SaaS events. |
| \*CLI | 29 | 20 | Text | Not Used for SaaS events. |
| \*MAC code | 30 | 20 | Text | Not Used for SaaS events. |
| \*Free text | 31 | 20 | Text | Not Used for SaaS events. |
| \*TRC Start date time | 32 |  | DATE | Not Used for SaaS events. |
| \*Clear code | 33 | 20 | Text | Not Used for SaaS events. |
| \*TRC description code | 34 | 20 | Text | Not Used for SaaS events. |
| \*Price list reference | 35 | 20 | Text | Not Used for SaaS events. |
| \*Price list description | 36 | 20 | Text | Not Used for SaaS events. |
| Account ID | 37 | 40 | Text | e.g. Information of CP |
| Customer Name | 38 | 40 | Text | e.g. XYZ Limited |
| Billing Reference | 39 | 40 | Text | e.g. ABCDEF1236 |
| Domain | 40 | 40 | Text | e.g.: .com/.net/.org/.biz |
| Domain Name | 41 | 40 | Text | e.g. Actual Domain Name |
| Duration | 42 | 40 | Text | Duration in years  e.g. 5 |

\* Asterisk = Fields whose values will not get populated.

## 7.5. ADJUSTMENT RECORD

The following adjustment records will be included in the output file and will contain the following data.

Record Type: **ADJUSTMENTS**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Field Name** | **Field No** | **Maximum Field Length** | **Format** | **Value** | **Note** |
| Record Type | 1 | 255 | Text | ADJUSTMENTS |  |
| Adjustment Name | 2 | 40 | Text | e.g. Echosign Rental |  |
| Adjustment free text field | 4 | 255 | Text | e.g. , Bill Correction - July 2009 for Echosign |  |
| Adjustment Date | 7 | DATE | YYYYMMDD | e.g. 20090101 |  |
| Net Value | 17 | 18 | Num | Price in pence  e.g. 141 = £1.41 |  |
| VAT Status | 18 | 2 | Num | e.g.  1 = standard  2 = VAT exempt |  |

**Note**: Rest all fields are NOT APPLICABLE to SaaS Adjustments.

## 7.6. DISCOUNT RECORD

The following discount summary record will be included in the output file and will contain the following data.

Record Type: **DISCOUNT**

| **Field Name** | **Field No** | **Maximum Field Length** | **Format** | **Value** |
| --- | --- | --- | --- | --- |
| Record Type | 1 | 255 | Text | DISCOUNTS |
| Discount Name | 2 | 40 | Text | e.g. Echosign |
| Discount Description | 5 | 40 | Text | e.g. Volume Discounts for Echosign |
| Start Date | 7 | DATE | YYYMMDD | e.g. 20090101 |
| End Date | 8 | DATE | YYYMMDD | e.g. 20090101 |
| Discount Amount | 17 | 18 | Num | Price in pence  e.g. 141 = £1.41 |
| VAT Status | 18 | 2 | Num | e.g. 1 = standard  2 = VAT exempt |

**Note**: Rest all fields are NOT APPLICABLE to SaaS.

## 7.7. BILL SUMMARY RECORD

The following single circuit summary record will be included in the output file. For different products, Bill Summary Records positions and field name varies.

Record Type: **BILLSUMMARYRECORD**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field Name** | **Field No** | **Maximum Field Length** | **Format** | **Value** |
| Record Type | 1 | 255 | Text | BILLSUMMARYRECORD |
| Net total bill charges(Pence) | 2 | 18 | Num | The charges are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00. |
| Total VAT due on bill(Pence) | 3 | 18 | Num | The charges are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00. |
| Net total of charges, NOT subject to VAT(Pence) | 4 | 18 | Num | The charges are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00. |
| Invoice total due including any VAT(Pence) | 5 | 18 | Num | The charges are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00. |
| Summary total of all event charges (Connection and others)(Pence) | 6 | 18 | Num | The charges are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00. |
| Summary total of all periodic charges (whole period rentals and broken period rentals)( pence) | 7 | 18 | Num | The charges are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00. |
| Summary total of all adjustments(Pence) | 8 | 18 | Num | The charges are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00. |
| Summary total of all discount(Pence) | 9 | 18 | Num | The charges are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00. |

|  |  |
| --- | --- |
|  | 8. IPEX and VOIP Bill Backup |

## Bill Backup Data File

The bill backup files will contain a number of different types of records as listed.

* Customer record (identified by CUSTOMERRECORD). This will be used to identify which CP is being billed and what the account number is etc.
* Product Charge (identified by PRODUCTCHARGE) – this is used for the following charge categories:
* Connection charges (for new supply and transfer charges)
* Rental charges
* Contract termination charges
* Event charges (identified by EVENTCHARGE) – used for miscellaneous charges and credits charges.
* Adjustments (identified by ADJUSTMENT) – used for miscellaneous bill adjustments.
* Discounts (identified by DISCOUNTSUMMARYRECORD) – used for discounts in bill.
* BILL SUMMARY RECORD (identified by BILLSUMMARYRECORD) – used for displaying the summary in bill.

**FILE FORMAT** ((using | as the delimiter))

8.1 HEADER RECORD

8.2 PRODUCT CHARGES RECORD

8.3 NUMBER IMPORT CHARGES RECORD

8.4 EVENT RECORD

8.5 ADJUSTMENT RECORD

8.6 TRAILER RECORD

**Note**: Use above hyperlinks to traverse through desired section. Please move the mouse over the sections and then click control (ctrl) key

## 8.1 DESCRIPTION

This document describes the layout and organisation of the new bill data extract

format(s).The bill data extract format is delivered for information purposes only.

The taxable invoice is the accompanying rtf document.

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Details of attributes in a record type \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

Field Name : Name of data field present in a record of a Backup File.

Field No. : Position of data field in a record of a Backup File.

Maximum Field Length : Maximum length of data field in the record.

Format : Type and format of the data field in the record (for e.g. text, number, date with specified format etc.).

Value : Possible value for data set.

## 8.2 HEADER RECORD

The Customer Detail header record will be the first record in the file and will contain the following character separated bill data.

Record Type: **CUSTOMERRECORD**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field Name** | **Field No** | **Maximum Field Length** | **Format** | **Value** |
| Record Type | 1 | 255 | Text | CUSTOMERRECORD |
| Geneva customer reference | 2 | 20 | Text | e.g. G/M12345678 |
| Account reference | 3 | 20 | Text | e.g. GB12345678 |
| Invoice reference | 4 | 30 | Text | e.g. GB12345678 Q002 |
| Bill tax date | 5 | DATE | YYYYMMDD | e.g. 20090101 |
| Business name | 6 | 100 | Text | e.g. INTRONET SOLUTIONS LTD |
| Address name if available | 7 | 225 | Text | e.g. Mr B Woods |
| First line of address | 8 | 80 | Text | e.g. Accounts Dept |
| Post code | 9 | 16 | Text | e.g. CR5 2HS |
| \*Customer VAT status | 10 | 1 | Text | Not Used for IPEX & VOIP Products |
| Bill Type | 11 | 9 | Text | e.g.  1=Periodic  2=Interim  5=VAT credit |
| Bill title or service name | 12 | 80 | Text | e.g. BT Wholesale |

This header record uses the standard format for header records for other services being billed on GenIUS.

## 8.3 PRODUCT CHARGES RECORD

The following product details record will be included in the data file and will contain the following character separated bill data.

Record Type: **PRODUCTCHARGE**

| **Field Name** | **Field No** | **Maximum Field Length** | **Format** | **Value** | **Note** |
| --- | --- | --- | --- | --- | --- |
| Record Type | 1 | 255 | Text | PRODUCTCHARGE |  |
| Product Description | 2 | 40 | Text | e g : Pre-Order Interoperability Testing Charge |  |
| Product Tariff name | 3 | 20 | Text | e.g. Voice & Video |  |
| Product Label | 4 | 20 | Text | e.g. VOIP\_CKT-3 |  |
| Charge Description | 5 | 20 | Text | e.g. Rental, Connection, Termination, Early Termination |  |
| \*Charge Reason | 6 | 40 | Text | Not Used for IPEX & VOIP Products |  |
| Start Date | 7 | DATE | YYYYMMDD) | e.g. 20090101 |  |
| End Date | 8 | DATE | YYYYMMDD | e.g.20090101 |  |
| First line of address | 9 | 80 | Text | e.g. CLIFFE GRANCE |  |
| Post Code | 10 | 16 | Text | e.g. ME38EU |  |
| Contract Ref | 11 | 20 | Text | e.g. Contract Ref |  |
| Cust/SP order No/Fault ref No.1/2 | 12 | 40 | Text | e.g. VCH000002521 |  |
| \*Spare | 13 | 40 | Text | Not Used for IPEX & VOIP Products |  |
| Quantity | 14 | 9 | Num | e.g. 10 |  |
| Units | 15 | 40 | Text | e.g. Capacity  Used for IPEX only  Not used for VOIP |  |
| \*Unit rate | 16 | 18 | Num | Not Used for IPEX & VOIP Products |  |
| Product Rate/Price | 17 | 18 | Num | e.g. 141 = £1.41 | The product Prices are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00 |
| \*VAT Status | 18 | 2 | Num | Not Used for IPEX & VOIP Products |  |
| \*CSS Account Number | 19 | 20 | Text | Not Used for IPEX & VOIP Products |  |
| \*Prod Type | 20 | 20 | Text | Not Used for IPEX & VOIP Products |  |
| \*OR Service ID | 21 | 20 | Text | Not Used for IPEX & VOIP Products |  |
| \*Circuit ID | 22 | 20 | Text | Not Used for IPEX & VOIP Products |  |
| \*MDF Site | 23 | 20 | Text | Not Used for IPEX & VOIP Products |  |
| \*Room ID | 24 | 20 | Text | Not Used for IPEX & VOIP Products |  |
| \*Service ID | 25 | 20 | Text | Not Used for IPEX & VOIP Products |  |
| \*Event Class | 26 | 20 | Text | Not Used for IPEX & VOIP Products |  |
| \*Event Name | 27 | 20 | Text | Not Used for IPEX & VOIP Products |  |
| \*CBUK reference number | 28 | 20 | Text | Not Used for IPEX & VOIP Products |  |
| \*CLI | 29 | 20 | Text | Not Used for IPEX & VOIP Products |  |
| \*MAC code | 30 | 20 | Text | Not Used for IPEX & VOIP Products |  |
| \*Free text | 31 | 20 | Text | Not Used for IPEX & VOIP Products |  |
| \*TRC Start date time | 32 |  | DATE | Not Used for IPEX & VOIP Products |  |
| \*Clear code | 33 | 20 | Text | Not Used for IPEX & VOIP Products |  |
| \*TRC description code | 34 | 20 | Text | Not Used for IPEX & VOIP Products |  |
| \*Price list reference | 35 | 256 | Text | Not Used for IPEX & VOIP Products |  |
| \*Price list description | 36 | 256 | Text | Not Used for IPEX & VOIP Products |  |

**\*** Asterisk = Fields whose values will not get populated

## 8.4 EVENT RECORD

The following event detail records will be included in the output file and will contain the following character separated bill data.

Below table hold the event type name and there corresponding mapping values. These will be used further.

|  |  |
| --- | --- |
| **Event Type Name** | **Event Mapping Number** |
| IP EXCH EVENT | E1 |
| IPxTestingCharge/ IpxTestingCharge (Non VAT) | E2 |
| IPxETSCharge | E3 |

Record Type: **EVENT/IMPORT CHARGE**

**Note:** Use the hyperlinks to find the event type name corresponding to the event mapping number (last columns).

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Field Name** | **Field No** | **Maximum Field Length** | **Format** | **Value** | **E1** | **E2/E3** |
| Record Type | 1 | 255 | Text | EVENT/IMPORT CHARGE |  |  |
| \*Product Description | 2 | 40 | Text | Not Used for IPEX & VOIP Events |  |  |
| \*Product Tariff Name | 3 | 20 | Text | Not Used for IPEX & VOIP Events |  |  |
| Event Source | 4 | 40 | Text | e.g. VCH000002521 |  |  |
| Event Description | 5 | 40 | Text | e.g. Interoperability testing fee |  |  |
| \*Charge Reason | 6 | 40 | Text | Not Used for IPEX & VOIP Events |  |  |
| Event Date | 7 | DATE | YYYYMMDD | e.g. 20090101 |  |  |
| \*End Date | 8 | DATE | YYYYMMDD | Not Used for IPEX & VOIP Events |  |  |
| \*Address Line 1 | 9 | 80 | Text | Not Used for IPEX & VOIP Events |  |  |
| \*Post Code | 10 | 16 | Text | Not Used for IPEX & VOIP Events |  |  |
| \*CSS/Seibel Job No | 11 | 20 | Text | Not Used for IPEX & VOIP Events |  |  |
| Cust/SP Order No/Fault No.1/2 | 12 | 40 | Text | e.g. VCH000002521 |  |  |
| \*Spare | 13 | 40 | Text | Not Used for IPEX & VOIP Events |  |  |
| \*Quantity/HDFP air count | 14 | 9 | Num | Not Used for IPEX & VOIP Events |  |  |
| \*Units | 15 | 40 | Text | Not Used for IPEX & VOIP Events |  |  |
| \*Unit rate | 16 | 18 | Num | Not Used for IPEX & VOIP Events |  |  |
| Event Cost | 17 | 18 | Num | Price is in pence  e.g. 141 = £1.41  This field is populated only for IPEX |  |  |
| \*VAT Status | 18 | 2 | Num | Not Used for IPEX & VOIP Events |  |  |
| \*CSS Account Number | 19 | 20 | Text | Not Used for IPEX & VOIP Events |  |  |
| \*Prod Type | 20 | 20 | Text | Not Used for IPEX & VOIP Events |  |  |
| \*OR Service ID | 21 | 20 | Text | Not Used for IPEX & VOIP Events |  |  |
| \*Circuit ID | 22 | 20 | Text | Not Used for IPEX & VOIP Events |  |  |
| \*MDF Site | 23 | 20 | Text | Not Used for IPEX & VOIP Events |  |  |
| \*Room ID | 24 | 20 | Text | Not Used for IPEX & VOIP Events |  |  |
| \*Service ID | 25 | 20 | Text | Not Used for IPEX & VOIP Events |  |  |
| \*Event Class | 26 | 20 | Text | Not Used for IPEX & VOIP Events |  |  |
| \*Event Name | 27 | 20 | Text | Not Used for IPEX & VOIP Events |  |  |
| \*CBUK reference number | 28 | 20 | Text | Not Used for IPEX & VOIP Events |  |  |
| \*CLI | 29 | 20 | Text | Not Used for IPEX & VOIP Events |  |  |
| \*MAC code | 30 | 20 | Text | Not Used for IPEX & VOIP Events |  |  |
| \*Free text | 31 | 20 | Text | Not Used for IPEX & VOIP Events |  |  |
| \*TRC Start date time | 32 |  | DATE | Not Used for IPEX & VOIP Events |  |  |
| \*Clear code | 33 | 20 | Text | Not Used for IPEX & VOIP Events |  |  |
| \*TRC description code | 34 | 20 | Text | Not Used for IPEX & VOIP Events |  |  |
| \*Price list reference | 35 | 20 | Text | Not Used for IPEX & VOIP Events |  |  |
| \*Price list description | 36 | 20 | Text | Not Used for IPEX & VOIP Events |  |  |
| Number Range/MBN | 37 | 40 | Text | E.g. 01753569262 – 01753569280  Added for Import & Sub alloc charges |  |  |

\* Asterisk = Fields whose values will not get populated.

## 8.5 ADJUSTMENT RECORD

The following adjustment records will be included in the output file and will contain the following data.

Record Type: **ADJUSTMENTS**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Field Name** | **Field No** | **Maximum Field Length** | **Format** | **Value** | **Note** |
| Record Type | 1 | 255 | Text | ADJUSTMENTS |  |
| Adjustment Name | 2 | 40 | Text | e.g. VOIP Adjustment |  |
| Adjustment free text field | 4 | 255 | Text | e.g. Unbilled interoperability testing fee |  |
| Adjustment Date | 7 | DATE | YYYYMMDD | e.g. 20090101 |  |
| Net Value | 17 | 18 | Num | Price in Pence  e.g. 141 = £1.41 |  |

Note: Rest all fields are NOT APPLICABLE to IPEX & VOIP Adjustments.

## 8.6 BILL SUMMARY RECORD

The following single circuit summary record will be included in the output file. For different products, Bill Summary Records positions and field name varies.

Record Type: **BILLSUMMARYRECORD**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Field Name** | **Field No** | **Maximum Field Length** | **Format** | **Value** | **Note** |
| Record Type | 1 | 255 | Text | BILLSUMMARYRECORD |  |
| Net total of total bill charges(Pence) | 2 | 18 | Num | The charges are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00. |  |
| Total VAT due on bill(Pence) | 3 | 18 | Num | The charges are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00. |  |
| Net total of charges, NOT subject to VAT(Pence) | 4 | 18 | Num | The charges are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00. |  |
| Invoice total due including any VAT(Pence) | 5 | 18 | Num | The charges are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00. |  |
| Summary total of all one-off charges | 6 | 18 | Num | The charges are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00. |  |
| Summary total of all periodic charges | 7 | 18 | Num | The charges are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00. |  |
| Summary total of all adjustments charges | 8 | 18 | Num | The charges are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00. |  |

|  |  |
| --- | --- |
|  | 9. BTW-Adhoc (PN, CPS, HT) Bill Backup |

## Bill Backup Data File

The bill backup files will contain a number of different types of records as listed.

* Customer record (identified by CUSTOMERRECORD). This will be used to identify which CP is being billed and what the account number is etc.
* Product Charge (identified by PRODUCTCHARGE) – this is used for the following charge categories:
* Connection charges (for new supply and transfer charges)
* Rental charges
* Contract termination charges
* Event charges (identified by EVENTCHARGE) – used for miscellaneous charges and credits charges.
* Adjustments (identified by ADJUSTMENT) – used for miscellaneous bill adjustments.
* Discounts (identified by DISCOUNTSUMMARYRECORD) – used for discounts in bill.
* BILL SUMMARY RECORD (identified by BILLSUMMARYRECORD) – used for displaying the summary in bill.

**FILE FORMAT** ((using | as the delimiter))

9.1 [DESCRIPTION](#ip_desc)

9.2 [HEADER RECORD](#ip_header)

9.3 [PRODUCT CHARGES RECORD](#ip_product)

9.4 [EVENT CHARGES RECORD](#ip_event)

9.5 [ADJUSTMENTS RECORD](#ip_adjustment)

9.6 [BILL SUMMARY RECORD](#ip_billsummary)

**Note**: Use above hyperlinks to traverse through desired section. Please move the mouse over the sections and then click control (ctrl) key

## 9.1 DESCRIPTION

This document describes the layout and organisation of the new bill data extract

format(s).The bill data extract format is delivered for information purposes only.

The taxable invoice is the accompanying rtf document.

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Details of attributes in a record type \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

Field Name : Name of data field present in a record of a Backup File.

Field No. : Position of data field in a record of a Backup File.

Maximum Field Length : Maximum length of data field in the record.

Format : Type and format of the data field in the record (for e.g. text, number, date with specified format etc.).

Value : Possible value for data set.

## 9.2 HEADER RECORD

The Customer Detail header record will be the first record in the file and will contain the following character separated bill data.

Record Type: **CUSTOMERRECORD**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field Name** | **Field No** | **Maximum Field Length** | **Format** | **Value** |
| Record Type | 1 | 255 | Text | CUSTOMERRECORD |
| Geneva customer reference | 2 | 20 | Text | e.g. G/M00000269 |
| Account reference | 3 | 20 | Text | e.g. GD55802811 |
| Invoice reference | 4 | 30 | Text | e.g. GD55802811 M065 |
| Bill tax date | 5 | DATE | YYYYMMDD | e.g. 20090101 |
| Business name | 6 | 100 | Text | e.g. INTRONET SOLUTIONS LTD |
| Address name if available | 7 | 225 | Text | e.g. Mr B Woods |
| First line of address | 8 | 80 | Text | e.g. Accounts Dept |
| Post code | 9 | 16 | Text | e.g. CR5 2HS |
| Customer VAT status | 10 | 1 | Text | e.g.  1 = Standard  2 = VAT exempt |
| Bill Type | 11 | 9 | Text | e.g.  1=Periodic  2=Interim  5=VAT credit |
| Bill title or service name | 12 | 80 | Text | e.g. BT Wholesale |

This header record uses the standard format for header records for other services being billed on GenIUS.

## 9.3 PRODUCT CHARGES RECORD

The following product details record will be included in the data file and will contain the following character separated bill data.

Record Type: **PRODUCTCHARGE**

| **Field Name** | **Field No** | **Maximum Field Length** | **Format** | **Value** | **Note** |
| --- | --- | --- | --- | --- | --- |
| Record Type | 1 | 255 | Text | PRODUCTCHARGE |  |
| Product Description | 2 | 40 | Text | e.g. Adhoc charges account product |  |
| Product Tariff name | 3 | 20 | Text | e.g. Adhoc Charges Standard |  |
| Product Label | 4 | 20 | Text | e.g. 0455814434 |  |
| Charge Description | 5 | 20 | Text | e.g. Rental, Connection, Termination, Early Termination |  |
| \*Charge Reason | 6 | 40 | Text | Not Used for BTW-Adhoc(PN,CPS,HT) Products |  |
| Start Date | 7 | DATE | YYYYMMDD) | e.g. 20090101 |  |
| End Date | 8 | DATE | YYYYMMDD | e.g.20090101 |  |
| \*First line of address | 9 | 80 | Text | Not Used for BTW-Adhoc(PN,CPS,HT) Products |  |
| \*Post Code | 10 | 16 | Text | Not Used for BTW-Adhoc(PN,CPS,HT) Products |  |
| \* CSS/Seibel Job No | 11 | 20 | Text | Not Used for BTW-Adhoc(PN,CPS,HT) Products |  |
| \*Cust/SP order No/Fault ref No.1/2 | 12 | 40 | Text | Not Used for BTW-Adhoc(PN,CPS,HT) Products |  |
| \*Spare | 13 | 40 | Text | Not Used for BTW-Adhoc(PN,CPS,HT) Products |  |
| Quantity | 14 | 9 | Num | e.g. 10 |  |
| Units | 15 | 40 | Text | e.g. Capacity | Populated wherever applicable |
| Unit rate | 16 | 18 | Num | e.g. 3632 |  |
| Product Rate/Price | 17 | 18 | Num | e.g. 141 = £1.41 | The product Prices are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00 |
| VAT Status | 18 | 2 | Num | e.g.  1 = standard  2 = VAT exempt |  |
| \*CSS Account Number | 19 | 20 | Text | Not Used for BTW-Adhoc(PN,CPS,HT) Products |  |
| \*Prod Type | 20 | 20 | Text | Not Used for BTW-Adhoc(PN,CPS,HT) Products |  |
| \*OR Service ID | 21 | 20 | Text | Not Used for BTW-Adhoc(PN,CPS,HT) Products |  |
| \*Circuit ID | 22 | 20 | Text | Not Used for BTW-Adhoc(PN,CPS,HT) Products |  |
| \*MDF Site | 23 | 20 | Text | Not Used for BTW-Adhoc(PN,CPS,HT) Products |  |
| \*Room ID | 24 | 20 | Text | Not Used for BTW-Adhoc(PN,CPS,HT) Products |  |
| \*Service ID | 25 | 20 | Text | Not Used for BTW-Adhoc(PN,CPS,HT) Products |  |
| \*Event Class | 26 | 20 | Text | Not Used for BTW-Adhoc(PN,CPS,HT) Products |  |
| \*Event Name | 27 | 20 | Text | Not Used for BTW-Adhoc(PN,CPS,HT) Products |  |
| \*CBUK reference number | 28 | 20 | Text | Not Used for BTW-Adhoc(PN,CPS,HT) Products |  |
| \*CLI | 29 | 20 | Text | Not Used for BTW-Adhoc(PN,CPS,HT) Products |  |
| \*MAC code | 30 | 20 | Text | Not Used for BTW-Adhoc(PN,CPS,HT) Products |  |
| \*Free text | 31 | 20 | Text | Not Used for BTW-Adhoc(PN,CPS,HT) Products |  |
| \*TRC Start date time | 32 |  | DATE | Not Used for BTW-Adhoc(PN,CPS,HT) Products |  |
| \*Clear code | 33 | 20 | Text | Not Used for BTW-Adhoc(PN,CPS,HT) Products |  |
| \*TRC description code | 34 | 20 | Text | Not Used for BTW-Adhoc(PN,CPS,HT) Products |  |
| \*Price list reference | 35 | 256 | Text | Not Used for BTW-Adhoc(PN,CPS,HT) Products |  |
| \*Price list description | 36 | 256 | Text | Not Used for BTW-Adhoc(PN,CPS,HT) Products |  |
| \*Bill Description | 37 | 40 | Text | Not Used for BTW-Adhoc(PN,CPS,HT) Products |  |

**\*** Asterisk = Fields whose values will not get populated.

## 9.4 EVENT CHARGES RECORD

Record Type: **EVENT**

**Note:** Use the hyperlinks to find the event type name corresponding to the event mapping number (last columns).

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field Name** | **Field No** | **Maximum Field Length** | **Format** | **Value** |
| Record Type | 1 | 255 | Text | EVENT |
| \*Product Description | 2 | 40 | Text | Not Used for BTW-Adhoc(PN,CPS,HT) Events |
| \*Product Tariff Name | 3 | 20 | Text | Not Used for BTW-Adhoc(PN,CPS,HT) Events |
| Event Source | 4 | 40 | Text | e.g. 0455814434 |
| Event Description | 5 | 40 | Text | e.g. Ad-Hoc |
| Charge Reason | 6 | 40 | Text | e.g. Cancellation Charge |
| Event Date | 7 | DATE | YYYYMMDD | e.g. 20090101 |
| End Date | 8 | DATE | YYYYMMDD | e.g. 20090101 |
| \*Address Line 1 | 9 | 80 | Text | Not Used for BTW-Adhoc(PN,CPS,HT) Events |
| \*Post Code | 10 | 16 | Text | Not Used for BTW-Adhoc(PN,CPS,HT) Events |
| \*CSS/Seibel Job No | 11 | 20 | Text | Not Used for BTW-Adhoc(PN,CPS,HT) Events |
| Cust/SP Order No/Fault No.1/2 | 12 | 40 | Text | e.g. 00009990 - C7 |
| \*Spare | 13 | 40 | Text | Not Used for BTW-Adhoc(PN,CPS,HT) Events |
| Quantity | 14 | 9 | Text | e.g. 1 |
| Units | 15 | 40 | Text | Not Used for BTW-Adhoc(PN,CPS,HT) Events |
| \*Unit rate | 16 | 18 | Num | Not Used for BTW-Adhoc(PN,CPS,HT) Events |
| Event Cost | 17 | 18 | Num | Prices in Pence  e.g. 141 = £1.41 |
| VAT Status | 18 | 2 | Num | e.g.  1 = standard  2 = VAT exempt |
| \*CSS Account Number | 19 | 20 | Text | Not Used for BTW-Adhoc(PN,CPS,HT) Products |
| \*Prod Type | 20 | 20 | Text | Not Used for BTW-Adhoc(PN,CPS,HT) Products |
| \*OR Service ID | 21 | 20 | Text | Not Used for BTW-Adhoc(PN,CPS,HT) Products |
| \*Circuit ID | 22 | 20 | Text | Not Used for BTW-Adhoc(PN,CPS,HT) Products |
| \*MDF Site | 23 | 20 | Text | Not Used for BTW-Adhoc(PN,CPS,HT) Products |
| \*Room ID | 24 | 20 | Text | Not Used for BTW-Adhoc(PN,CPS,HT) Products |
| \*Service ID | 25 | 20 | Text | Not Used for BTW-Adhoc(PN,CPS,HT) Products |
| Event Class | 26 | 20 | Text | e.g. HIGHTOWER LICENCE FEES |
| \*Event Name | 27 | 20 | Text | Not Used for BTW-Adhoc(PN,CPS,HT) Products |
| \*CBUK reference number | 28 | 20 | Text | Not Used for BTW-Adhoc(PN,CPS,HT) Products |
| \*CLI | 29 | 20 | Text | Not Used for BTW-Adhoc(PN,CPS,HT) Products |
| \*MAC code | 30 | 20 | Text | Not Used for BTW-Adhoc(PN,CPS,HT) Products |
| \*Free text | 31 | 20 | Text | Not Used for BTW-Adhoc(PN,CPS,HT) Products |
| \*TRC Start date time | 32 |  | DATE | Not Used for BTW-Adhoc(PN,CPS,HT) Products |
| \*Clear code | 33 | 20 | Text | Not Used for BTW-Adhoc(PN,CPS,HT) Products |
| \*TRC description code | 34 | 20 | Text | Not Used for BTW-Adhoc(PN,CPS,HT) Products |
| \*Price list reference | 35 | 20 | Text | Not Used for BTW-Adhoc(PN,CPS,HT) Products |
| \*Price list description | 36 | 20 | Text | Not Used for BTW-Adhoc(PN,CPS,HT) Products |

\* Asterisk = Fields whose values will not get populated.

## 9.5 ADJUSTMENT RECORD

The following adjustment records will be included in the output file and will contain the following data.

Record Type: **ADJUSTMENTS**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Field Name** | **Field No** | **Maximum Field Length** | **Format** | **Value** | **Note** |
| Record Type | 1 | 255 | Text | ADJUSTMENTS |  |
| Adjustment Name | 2 | 40 | Text | e.g. Adhoc Product Charge |  |
| Adjustment free text field | 4 | 255 | Text | e.g. Adhoc Product Charge |  |
| Adjustment Date | 7 | DATE | YYYYMMDD | e.g. 20090101 |  |
| Net Value | 17 | 18 | Num | Prices in Pence  e.g. 141 = £1.41 |  |
| VAT Status | 18 | 2 | Num | e.g.  1 = standard  2 = VAT exempt |  |

Note: Rest all fields are NOT APPLICABLE to BTW-Adhoc (PN, CPS, HT) Adjustments.

## 9.6 BILL SUMMARY RECORD

The following single circuit summary record will be included in the output file. For different products, Bill Summary Records positions and field name varies.

Record Type: **BILLSUMMARYRECORD**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field Name** | **Field No** | **Maximum Field Length** | **Format** | **Value** |
| Record Type | 1 | 255 | Text | BILLSUMMARYRECORD |
| Net total of total bill charges | 2 | 18 | Num | The charges are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00. |
| Total VAT due on bill | 3 | 18 | Num | The charges are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00. |
| Net total of charges, NOT subject to VAT | 4 | 18 | Num | The charges are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00. |
| Invoice total due including any VAT | 5 | 18 | Num | The charges are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00. |
| Summary total of all one-off charges | 6 | 18 | Num | The charges are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00. |
| Summary total of all periodic charges | 7 | 18 | Num | The charges are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00. |
| Summary total of all event charges | 8 | 18 | Num | The charges are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00. |
| Summary total of all non product/event charges | 9 | 18 | Num | The charges are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00. |
| Summary total of all volume discounts | 10 | 18 | Num | The charges are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00. |
| Summary total of usage charges | 11 | 18 | Num | The charges are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00. |

|  |  |
| --- | --- |
|  | 10. HCC Bill Backup |

## Bill Backup Data File

The bill backup files will contain a number of different types of records as listed.

* Customer record (identified by CUSTOMERRECORD). This will be used to identify which CP is being billed and what the account number is etc.
* Product Charge (identified by PRODUCTCHARGE) – this is used for the following charge categories:
* Connection charges/One-off Charges (for new supply and transfer charges)
* Event charges (identified by Record type- EVENT) – used for miscellaneous charges and credits charges.
* Rental charges
* Adjustments (identified by ADJUSTMENTS) – used for miscellaneous bill adjustments.
* Discounts (identified by DISCOUNTSUMMARY) – used for discounts in bill.
* Bill Summary Record (identified by BILLSUMMARYRECORD) – used for displaying the summary in bill.

**FILE FORMAT** ((using | as the delimiter))

* 1. [DESCRIPTION](#_10.1._DESCRIPTION)
  2. [HEADER RECORD](#_10.2_HEADER_RECORD)
  3. [PRODUCT CHARGES RECORD](#_10.3._PRODUCT_CHARGES_RECORD)
  4. [EVENT CHARGES RECORD](#_10.4._EVENT_CHARGES_RECORD)
  5. [ADJUSTMENTS RECORD](#_10.5._ADJUSTMENT_RECORD)
  6. [DISCOUNT SUMMARY](#_10.6._DISCOUNT_SUMMARY_RECORD)
  7. [BILL SUMMARY RECORD](#_10.7._BILL_SUMMARY_RECORD)

**Note:** Use above hyperlinks to traverse through desired section. Please move the mouse over the sections and then click control (ctrl) key

**10.1. DESCRIPTION**

This document describes the layout and organisation of the new bill data extract format(s).

The bill data extract format is delivered for information purposes only.

The taxable invoice is the accompanying rtf document.

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Details of attributes in a record type \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

Field Name : Name of data field present in a record of a Backup File.

Field No. : Position of data field in a record of a Backup File.

Maximum Field Length : Maximum length of data field in the record.

Format : Type and format of the data field in the record (for e.g. text, number, date with specified format etc.).

Value : Possible value for data set

## 10.2 HEADER RECORD

The Customer Detail header record will be the first record in the file and will contain the following character separated bill data.

Record Type: **CUSTOMERRECORD**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field Name** | **Field No** | **Maximum Field Length** | **Format** | **Value** |
| Record Type | 1 | 255 | Text | CUSTOMERRECORD |
| Geneva customer reference | 2 | 20 | Text | e.g. O/M59828700 |
| Account reference | 3 | 20 | Text | e.g. GD55800086 |
| Invoice reference | 4 | 30 | Text | e.g. GD55800086 M027 |
| Bill tax date | 5 | 8 | YYYYMMDD | e.g. 20121120 |
| Business name | 6 | 100 | Text | e.g. INTRONET SOLUTIONS LTD |
| Address name if available | 7 | 225 | Text | e.g. Mr B Woods |
| First line of address | 8 | 80 | Text | e.g. Accounts Dept. |
| Post code | 9 | 16 | Text | e.g. CR5 2HS |
| Customer VAT status | 10 | 1 | Text | e.g.  1 = Standard  2 = VAT exempt |
| \*Bill Type | 11 | 9 | Text | e.g.  1= Periodic  2= Interim  3= Initiation  4= Termination  5= VAT Credit  6= Budget Center Report  7= Post Termination  8= Suspension |
| Bill title or service name | 12 | 80 | Text | e.g. BT Wholesale |

This header record uses the standard format for header records for other services being billed on GenIUS.

## 10.3. PRODUCT CHARGES RECORD

The following product details record will be included in the data file and will contain the following character separated bill data.

Record Type: **PRODUCTCHARGE**

| **Field Name** | **Field No** | **Maximum Field Length** | **Format** | **Value** | **Note** |
| --- | --- | --- | --- | --- | --- |
| Record Type | 1 | 255 | Text | PRODUCTCHARGE |  |
| Product Description | 2 | 40 | Text | e.g. HCC Professional Services/ HCC Flexi Licenses |  |
| \*Product Tariff name | 3 | 20 | Text | N/A |  |
| Product Label | 4 | 20 | Text | e.g. HCC11003526 |  |
| Charge Description/Type | 5 | 20 | Text | e.g. Rental, Connection, Termination, Early Termination |  |
| \*Charge Reason | 6 | 40 | Text | N/A |  |
| Start Date | 7 | DATE | YYYYMMDD | e.g. 20121029 |  |
| End Date | 8 | DATE | YYYYMMDD | e.g. 20121029 |  |
| \*First line of address | 9 | 80 | Text | N/A |  |
| \*Post Code | 10 | 16 | Text | N/A |  |
| \*CSS/Siebel Job No | 11 | 20 | Text | N/A |  |
| \*Cust/SP order No/Fault ref No.1/2 | 12 | 40 | Text | N/A |  |
| \*Spare | 13 | N/A | N/A | N/A |  |
| Quantity | 14 | 9 | Num | e.g. 25, 25.89 | For HCC Flexi Licenses only. LICENSE QUANTITY VALUE |
| Units | 15 | 40 | Text | e.g. Number |  |
| Unit rate | 16 | 18 | Num | e.g. 590 |  |
| Product Rate/Price | 17 | 18 | Num | e.g. 3600= £36.00 | The product Prices are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00 |
| VAT Status | 18 | 2 | Num | e.g. 1 = standard  2 = VAT exempt |  |
| \*CSS Account Number | 19 | 20 | Text | N/A |  |
| \*Prod Type | 20 | 20 | Text | N/A |  |
| \*OR Service ID | 21 | 20 | Text | N/A |  |
| \*Circuit ID | 22 | 20 | Text | N/A |  |
| \*MDF Site | 23 | 20 | Text | N/A |  |
| \*Room ID | 24 | 20 | Text | N/A |  |
| Service ID | 25 | 20 | Text | e.g. HCC11003526 | For “HCC Customer Service” only |
| Event Class | 26 | 20 | Text | e.g. HCC\_FLEXI\_LICENSE | For HCC Flexi Licenses only |
| \*Event Name | 27 | 20 | Text | N/A |  |
| \*CBUK reference number | 28 | 20 | Text | N/A |  |
| \*CLI | 29 | 20 | Text | N/A |  |
| \*MAC code | 30 | 20 | Text | N/A |  |
| \*Free text | 31 | 20 | Text | N/A |  |
| \*TRC Start date time | 32 | 8 | DATE | N/A |  |
| \*Clear code | 33 | 20 | Text | N/A |  |
| \*TRC description code | 34 | 20 | Text | N/A |  |
| \*Price list reference | 35 | 256 | Text | N/A |  |
| \*Price list description | 36 | 256 | Text | N/A |  |
| **Note:** Fields from 37-61 are specific and unique to different HCC products and will be populate if they carry any values. | | | | | |
| End User Reference/Contract Period/Total Licenses/ RECORD SEQUENCE NUMBER | 37 | 40 | Text/Number | e.g. EU21471/12 M/30/9457 | For product: HCC Customer Service/HCC Contracted License/HCC Set Up Services/ HCC Flexi Licenses |
| No Of Design Days/Price Slab/ END CUSTOMER ACCOUNT | 38 | 9 | Number/Text | e.g. 13/ Slab 1/0455817532 | For : HCC Professional Services/HCC Set Up Services/ HCC Flexi Licenses |
| No Of Training Days | 39 | 9 | Number | e.g. 15 | For : HCC Professional Services |
| HCC Customer Service Feature 1 | 40 | 40 | Text | e.g. Agile IVR | For : HCC Customer Service |
| HCC Customer Service Feature 2 | 41 | 40 | Text | e.g. Skills-Based Routing | For : HCC Customer Service |
| HCC Customer Service Feature 3 | 42 | 40 | Text | e.g. Agile script builder | For : HCC Customer Service |
| HCC Customer Service Feature 4 | 43 | 40 | Text | e.g. Call-backs | For : HCC Customer Service |
| HCC Customer Service Feature 5 | 44 | 40 | Text | e.g. Detailed Wallboards | For : HCC Customer Service |
| HCC Customer Service Feature 6 | 45 | 40 | Text | e.g. Instantaneous Scalability | For : HCC Customer Service |
| HCC Customer Service Feature 7 | 46 | 40 | Text | e.g. Predictive Dialler | For : HCC Customer Service |
| HCC Customer Service Feature 8 | 47 | 40 | Text | e.g. Preview Dialler | For : HCC Customer Service |
| HCC Customer Service Feature 9 | 48 | 40 | Text | e.g. Lead Management | For : HCC Customer Service |
| HCC Customer Service Feature 10 | 49 | 40 | Text | e.g. Multiple Campaigns | For : HCC Customer Service |
| HCC Customer Service Feature 11 | 50 | 40 | Text | e.g. Multi-Number Dialling | For : HCC Customer Service |
| HCC Customer Service Feature 12 | 51 | 40 | Text | e.g. In-Network Call Recording | For : HCC Customer Service |
| HCC Customer Service Feature 13 | 52 | 40 | Text | e.g. Voice, SMS, & Email | For : HCC Customer Service |
| HCC Customer Service Feature 14 | 53 | 40 | Text | e.g. CRM Integration | For : HCC Customer Service |
| HCC Customer Service Feature 15 | 54 | 40 | Text | e.g. CTI | For : HCC Customer Service |
| HCC Customer Service Feature 16 | 55 | 40 | Text | e.g. Social Networking | For : HCC Customer Service |
| HCC Customer Service Feature 17 | 56 | 40 | Text | e.g. Multi-channel Messaging | For : HCC Customer Service |
| HCC Customer Service Feature 18 | 57 | 40 | Text | e.g. True-Cloud | For : HCC Customer Service |
| HCC Customer Service Feature 19 | 58 | 40 | Text | e.g. PAYG terms with no CAPEX | For : HCC Customer Service |
| HCC Customer Service Feature 20 | 59 | 40 | Text | e.g. Real-time reporting | For : HCC Customer Service |
| HCC Customer Service Feature 21 | 60 | 40 | Text | e.g. Mobile Applications | For : HCC Customer Service |
| HCC Customer Service Feature 22 | 61 | 40 | Text | e.g. Natively Disaster Proof | For : HCC Customer Service |

**\*** Asterisk = Fields whose values will not get populated.

## 10.4. EVENT CHARGES RECORD

Record Type: **EVENT**

(HCC ETS EVENT)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field Name** | **Field No** | **Maximum Field Length** | **Format** | **Value** |
| Record Type | 1 | 255 | Text | EVENT |
| \*Product Description | 2 | 40 | Text |  |
| \*Product Tariff Name | 3 | 20 | Text |  |
| \*Event Source | 4 | 40 | Text |  |
| Event Description | 5 | 40 | Text | e.g. HCC\_ETS |
| \*Charge Reason | 6 | 40 | Text |  |
| Event Date | 7 | DATE | YYYYMMDD | e.g. ORDER DATE for HCC ETS EVENT |
| \*End Date | 8 | DATE | YYYYMMDD |  |
| \*Address Line 1 | 9 | 80 | Text |  |
| \*Post Code | 10 | 16 | Text |  |
| CSS/Seibel Job No | 11 | 20 | Text | e.g. ORDER NUMBER for HCC ETS |
| Cust/SP Order No/Fault No.1/2 | 12 | 40 | Text | e.g. CUSTOMER ORDER REFERENCE for HCC ETS |
| \*Spare | 13 | 40 | Text |  |
| Quantity /HDFPairCount | 14 | 9 | Text | e.g. LICENSE  QUANTITY for HCC ETS |
| \*Units | 15 | 40 | Text |  |
| \*Unit rate | 16 | 18 | Num |  |
| Event Cost | 17 | 18 | Num | Prices in Pence  e.g. 141 = £1.41 |
| VAT Status | 18 | 2 | Num | e.g.  1 = standard  2 = VAT exempt |
| \*CSS Account Number | 19 | 20 | Text |  |
| \*Prod Type | 20 | 20 | Text |  |
| \*OR Service ID | 21 | 20 | Text |  |
| Circuit ID | 22 | 20 | Text | e.g. PRODUCT INSTANCE ID for HCC ETS |
| \*MDF Site | 23 | 20 | Text |  |
| \*Room ID | 24 | 20 | Text |  |
| \*Service ID | 25 | 20 | Text |  |
| Event Class | 26 | 20 | Text | e.g. HCC\_ETS |
| \*Event Name | 27 | 20 | Text |  |
| \*CBUK reference number | 28 | 20 | Text |  |
| \*CLI | 29 | 20 | Text |  |
| \*MAC code | 30 | 20 | Text |  |
| \*Free text | 31 | 20 | Text |  |
| \*TRC Start date time | 32 |  | DATE |  |
| \*Clear code | 33 | 20 | Text |  |
| \*TRC description code | 34 | 20 | Text |  |
| \*Price list reference | 35 | 20 | Text |  |
| \*Price list description | 36 | 20 | Text |  |

\* Asterisk = Fields whose values will not get populated.

## 10.5. ADJUSTMENT RECORD

The following adjustment records will be included in the output file and will contain the following data.

Record Type: **ADJUSTMENTS**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Field Name** | **Field No** | **Maximum Field Length** | **Format** | **Value** | **Note** |
| Record Type | 1 | 255 | Text | ADJUSTMENTS |  |
| Adjustment Name | 2 | 40 | Text | e.g. 100pr Internal Cable-D, 100pr Internal Cable-V, HCC |  |
| \*Prod Tariff  Name | 3 | 40 | Text | N/A |  |
| Adjustment free text field | 4 | 255 | Text | e.g. Internal cable, Cable-V |  |
| \*Charge Desc/Type | 5 | 255 | Text | N/A |  |
| \*Charge Reason | 6 | 255 | Text | N/A |  |
| Adjustment Date | 7 | DATE | YYYYMMDD | e.g. 20090101 |  |
| \*End Date | 8 | DATE | YYYYMMDD | N/A |  |
| \*First line of address | 9 | 80 | Text | N/A |  |
| \*Post Code | 10 | 16 | Text | N/A |  |
| \*CSS/Seibel Job No | 11 | 20 | Text | N/A |  |
| \*Cust/SP order No/Fault ref No.1/2 | 12 | 40 | Text | N/A |  |
| \*Spare | 13 | N/A | N/A | N/A |  |
| \*Quantity | 14 | 9 | Num | N/A |  |
| \*Units | 15 | 40 | Text | N/A |  |
| \*Unit rate | 16 | 18 | Num | N/A |  |
| Net Value | 17 | 18 | Num | e.g. 3600= £36.00 | The product Prices are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00 |
| VAT Status | 18 | 2 | Num | e.g. 1 = standard  2 = VAT exempt |  |
| \*CSS Account Number | 19 | 20 | Text | N/A |  |
| \*Prod Type | 20 | 20 | Text | N/A |  |
| \*OR Service ID | 21 | 20 | Text | N/A |  |
| \*Circuit ID | 22 | 20 | Text | N/A |  |
| \*MDF Site | 23 | 20 | Text | N/A |  |
| \*Room ID | 24 | 20 | Text | N/A |  |
| Service ID | 25 | 20 | Text | N/A |  |
| \*Event Class | 26 | 20 | Text | N/A |  |
| \*Event Name | 27 | 20 | Text | N/A |  |
| \*CBUK reference number | 28 | 20 | Text | N/A |  |
| \*CLI | 29 | 20 | Text | N/A |  |
| \*MAC code | 30 | 20 | Text | N/A |  |
| \*Free text | 31 | 20 | Text | N/A |  |
| \*TRC Start date time | 32 | 8 | DATE | N/A |  |
| \*Clear code | 33 | 20 | Text | N/A |  |
| \*TRC description code | 34 | 20 | Text | N/A |  |
| \*Price list reference | 35 | 256 | Text | N/A |  |
| \*Price list description | 36 | 256 | Text | N/A |  |

\* Asterisk = Fields whose values will not get populated.

## 10.6. DISCOUNT SUMMARY RECORD

The following discount summary record will be included in the output file and will contain the following data.

Record Type: **DISCOUNTSUMMARY**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Field Name** | **Field No** | **Maximum Field Length** | **Format** | **Value** | **Note** |
| Record Type | 1 | 255 | Text | DISCOUNTSUMMARY |  |
| Total volume discount | 17 | 18 | Num | Total volume discount amount e.g. -11534 |  |
| Eligible rental | 37 | 18 | Num | Rental Amount e.g. 115338 | Not applicable for HCC Flexi License Discount |
| Discount Percentage | 38 | 10 | Num | e.g. 13 |  |
| Discount Quantity | 39 | 10 | Num | e.g. 2 |  |

Note: Rest all fields are NOT APPLICABLE to HCC.

## 10.7. BILL SUMMARY RECORD

The following single circuit summary record will be included in the output file. For different products, Bill Summary Records positions and field name varies.

RECORDTYPE: **BILLSUMMARYRECORD**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Field Name** | **Field No** | **Maximum Field Length** | **Format** | **Value** | **Note** |
| Record Type | 1 | 255 | Text | BILLSUMMARYRECORD |  |
| Net total of total bill charges(Pence) | 2 | 18 | Num | e.g. 2203804 | The charges are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00. |
| Total VAT due on bill(Pence) | 3 | 18 | Num | e.g. 351644 | The charges are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00. |
| Net total of charges, NOT subject to VAT(Pence) | 4 | 18 | Num | e.g. 197790 | The charges are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00. |
| Invoice total due including any VAT(Pence) | 5 | 18 | Num | e.g. 2555448 | The charges are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00. |
| Summary total of all one-off charges | 6 | 18 | Num | e.g. 1600000 | The charges are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00. |
| Summary total of all periodic charges | 7 | 18 | Num | e.g. 84935 | The charges are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00. |
| Summary total of all event charges | 8 | 18 | Num | e.g. 0 | The charges are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00. |
| Summary total of all non- product/event charges | 9 | 18 | Num | e.g. -21534 | The charges are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00. |
| Summary total of all volume discounts | 10 | 18 | Num | e.g. -11534 | The charges are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00. |
| Summary total of all advanced service charges | 11 | 18 | Num | e.g. 0 | The charges are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00. |

|  |  |
| --- | --- |
|  | 11. Broadband Complete Bill Backup |

## Bill Backup Data File

The bill backup files will contain a number of different types of records as listed.

* Customer record (identified by CUSTOMERRECORD). This will be used to identify which CP is being billed and what the account number is etc.
* Product Charge (identified by PRODUCTCHARGE) – this is used for the following charge categories:
* Connection charges (for new supply and transfer charges)
* Rental charges
* Event charges (identified by EVENTCHARGE) – used for miscellaneous charges and credits charges.
* Adjustments (identified by ADJUSTMENT) – used for miscellaneous bill adjustments.
* BILL SUMMARY RECORD (identified by BILLSUMMARYRECORD) – used for displaying the summary in bill.

**FILE FORMAT** ((using | as the delimiter))

* 1. [DESCRIPTION](#_2.1._DESCRIPTION)
  2. [HEADER RECORD](#_2.2._HEADER_RECORD)
  3. [PRODUCT CHARGES RECORD](#_2.3._PRODUCT_CHARGES)
  4. [EVENT CHARGES RECORD](#_2.4._EVENT_CHARGES)
  5. [ADJUSTMENTS RECORD](#_2.5._ADJUSTMENTS_RECORD)
  6. [BILL SUMMARY RECORD](#_2.6_BILL_SUMMARY)

**Note**: Use above hyperlinks to traverse through desired section. Please move the mouse over the sections and then click control (ctrl) key

FILE FORMAT

## 11.1 DESCRIPTION

This document describes the layout and organisation of the new bill data extract

format(s). The bill data extract format is delivered for information purposes only.

The taxable invoice is the accompanying RTF invoice.

All data fields are not mandatory in different record types. If any data field is not present then it should have Null Value.

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Details of attributes in a record type \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

Field Name : Name of data field present in a record of a Backup File.

Field No. : Position of data field in a record of a Backup File.

Maximum Field Length : Maximum length of data field in the record.

Format : Type and format of the data field in the record (for e.g. text, number, date with specified format etc.).

Value : Possible value for data set.

## 11.2. HEADER RECORD

The Customer Detail header record will be the first record in the file and will contain the following character separated bill data.

Record Type: **CUSTOMERRECORD**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field Name** | **Field No** | **Maximum Field Length** | **Format** | **Value** |
| Record Type | 1 | 255 | Text | CUSTOMERRECORD |
| Geneva customer reference | 2 | 20 | Text | e.g. 5999999999 |
| Account reference | 3 | 20 | Text | e.g. GD55800086 |
| Invoice reference | 4 | 30 | Text | e.g. GD55800086 M027 |
| Bill tax date | 5 | DATE | YYYYMMDD | e.g. 20090101 |
| Business name | 6 | 100 | Text | e.g. INTRONET SOLUTIONS LTD |
| Address name if available | 7 | 225 | Text | e.g. Mr B Woods |
| First line of address | 8 | 80 | Text | e.g. Accounts Dept |
| Post code | 9 | 16 | Text | e.g. CR5 2HS |
| Customer VAT status | 10 | 1 | Text | e.g.  1 = Standard  2 = VAT exempt |
| Bill Type | 11 | 9 | Text | e.g.  1=Periodic  2=Interim  5 =VAT credit |
| Bill title or service name | 12 | 80 | Text | e.g. BT Wholesale Broadband Complete |

This header record uses the standard format for header records for other services being billed on GenIUS.

## 11.3. PRODUCT CHARGES RECORD

The following product details record will be included in the data file and will contain the following character separated bill data.

Record Type: **PRODUCTCHARGE**

| **Field Name** | **Field No** | **Maximum Field Length** | **Format** | **Value** | | **Note** |
| --- | --- | --- | --- | --- | --- | --- |
| Record Type | 1 | 255 | Text | PRODUCTCHARGE | |  |
| Product Description | 2 | 40 | Text | e.g. End User Access | | Bill Description |
| \*Product Tariff name | 3 | 40 | Text | Not Used for WBCR. | |  |
| Product Label | 4 | 80 | Text | e.g. BBEU6000000. | |  |
| Charge Description | 5 | 20 | Text | e.g. Rental, Connection, Termination | |  |
| \*Charge Reason | 6 | 40 | Text | Not Used for WBCR. | |  |
| Start date | 7 | DATE | YYYYMMDD | e.g. 20070301 | |  |
| End date | 8 | DATE | YYYYMMDD | e.g. 20070331 | |  |
| \*First line of address | 9 | 80 | Text | Not Used for WBCR. | |  |
| \*Post Code | 10 | 16 | Text | Not Used for WBCR. | |  |
| \* CSS/Seibel Job No | 11 | 20 | Text | Not Used for WBCR. | |  |
| Customer order number | 12 | 20 | Text | e.g. B172829 | |  |
| \*Spare | 13 | NOT APPLICABLE | NOT APPLICABLE | NOT APPLICABLE | |  |
| Quantity | 14 | 9 | Num | e.g. 1 | |  |
| Units | 15 | 5 | Text | e.g. IPAddresses | | Applicable for ‘Additional Static IP Address Charge’ only. |
| Unit rate | 16 | 18 | Num | e.g. 3632 | |  |
| Product Rate/Price | 17 | 18 | Num | e.g. 141 = £1.41 | | The product Prices are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00 |
| VAT Status | 18 | 2 | Text | e.g.  1=Std VAT  2=VAT Exempt | |  |
| \*CSS Account Number | 19 | 20 | Text | Not Used for WBCR. | |  |
| \*Prod Type | 20 | 20 | Text | Not Used for WBCR. | |  |
| \*OR Service ID | 21 | 20 | Text | Not Used for WBCR. | |  |
| \*Circuit ID | 22 | 20 | Text | Not Used for WBCR. | |  |
| \*MDF Site | 23 | 20 | Text | Not Used for WBCR. | |  |
| \*Room ID | 24 | 20 | Text | Not Used for WBCR. | |  |
| Service ID | 25 | 40 | Text | e.g. BBEU6000000 | |  |
| \*Event Class | 26 | 40 | Text | Not Used for WBCR. | |  |
| \*Event Name | 27 | 40 | Text | Not Used for WBCR. | |  |
| \*CBUK reference number | 28 | 20 | Text | Not Used for WBCR. | |  |
| CLI | 29 | 20 | Text | e.g. 1455556887 | | Product Attribute ‘CLI’ |
| \*MAC code | 30 | 20 | Text | Not Used for WBCR. | |  |
| \*Free text | 31 | 20 | Text | Not Used for WBCR. | |  |
| \*TRC Start date time | 32 | DATE | YYYYMMDD | Not Used for WBCR. | |  |
| \*Clear code | 33 | 20 | Text | Not Used for WBCR. | |  |
| \*TRC description code | 34 | 20 | Text | Not Used for WBCR. | |  |
| Price list reference | 35 | 256 | Text |  | |  |
| Price list description | 36 | 256 | Text |  | |  |
| **Note**: Fields from 37-72 are specific and unique to WBCR products and will be populate if they carry any values. Remaining field till 72 will be shown as empty. | | | | | | |
| Technology Type | 37 | 40 | Text | | e.g. ADSL2 Plus, FTTC 40-10 etc. | Product Attribute ‘TechnologyType’ |
| Bandwidth | 38 | 40 | Text | | e.g. 2Gb Download Option, Unlimited Option etc. | Product Attribute ‘Bandwidth’ |
| Market Type | 39 | 40 | Text | | e.g. A, B | Product Attribute ‘MarketType’ |
| Eclipse Id | 40 | 40 | Text | | e.g. EN592090 | Product Attribute ‘Eclipse ID’ |
| Regrade Type | 41 | 40 | Text | | e. g.  Copper to Copper or  Copper to Fibre etc. | Product Attribute ‘RegradeType’ |
| Network Type | 42 | 40 | Text | | e.g.  ‘L2TP’, ‘Private’ or NULL | Product Attribute ‘Network Type’ |

\* Asterisk = Fields whose values will not get populated. For more information on the WBCR product family view the product handbook

To be shared by Product Line.

## 11.4. EVENT CHARGES RECORD

The following event detail records will be included in the output file and will contain the following character separated bill data.

Below table hold the event type name and there corresponding mapping values. These will be used further.

|  |  |
| --- | --- |
| **Event Type Name** | **Event Mapping Number** |
| Broadband Complete Generic | E1 |
| Broadband Complete End User | E2 |
| Broadband Complete Usage | E3 |
| Broadband Complete Generic (Non VAT) | E4 |
| Broadband Complete End User (Non VAT) | E5 |

Record Type: **EVENT**

**Note:** Use the hyperlinks to find the event type name corresponding to the event mapping number (last columns).

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Field Name** | **Field No** | **Maximum Field Length** | **Format** | **Value** | [**E1**](#wbcE1) | [**E2**](#wbcE2) | [**E3**](#wbcE3) | [**E4**](#wbcE1) | [**E5**](#wbcE2) |
| Record Type | 1 | 255 | Text | EVENT |  |  |  |  |  |
| \*Product Description | 2 | 40 | Text | Not Used for WBCR Events. |  |  |  |  |  |
| \*Product Tariff Name | 3 | 40 | Text | Not Used for WBCR Events. |  |  |  |  |  |
| Event Source | 4 | 40 | Text | e.g. BBEU30052272 or 0455818899 |  |  |  |  |  |
| Event Description | 5 | 40 | Text | e.g. Broadband Complete End User |  |  |  |  |  |
| \*Charge Reason | 6 | 40 | Text | Not Used for WBCR Events. |  |  |  |  |  |
| Event Date | 7 | DATE | YYYYMMDD | e.g. 20090101 |  |  |  |  |  |
| \*End Date | 8 | DATE | YYYYMMDD | Not Used for WBCR Events. |  |  |  |  |  |
| \*Address Line 1 | 9 | 80 | Text | Not Used for WBCR Events. |  |  |  |  |  |
| \*Post Code | 10 | 16 | Text | Not Used for WBCR Events. |  |  |  |  |  |
| \*CSS/Seibel Job No | 11 | 20 | Text | Not Used for WBCR Events. |  |  |  |  |  |
| Cust/SP Order No/Fault No.1/2 | 12 | 80 | Text | e.g. 00009990 |  |  |  |  |  |
| \*Spare | 13 | NOT APPLICABLE | NOT APPLICABLE | NOT APPLICABLE |  |  |  |  |  |
| \*Quantity/HDFP air count | 14 | 9 | Num | Not Used for WBCR Events. |  |  |  |  |  |
| \*Units | 15 | 40 | Text | Not Used for WBCR Events. |  |  |  |  |  |
| \*Unit rate | 16 | 18 | Num | Not Used for WBCR Events |  |  |  |  |  |
| Event Cost | 17 | 18 | Num | e.g. 141 = £1.41 |  |  |  |  |  |
| VAT Status | 18 | 2 | Num | e.g.  1 = standard  2 = VAT exempt |  |  |  |  |  |
| \*CSS Account Number | 19 | 20 | Text | Not Used for WBCR Events. |  |  |  |  |  |
| \*Prod Type | 20 | 20 | Text | Not Used for WBCR Events. |  |  |  |  |  |
| \*OR Service ID | 21 | 20 | Text | Not Used for WBCR Events. |  |  |  |  |  |
| \*Circuit ID | 22 | 20 | Text | Not Used for WBCR Events. |  |  |  |  |  |
| \*MDF Site | 23 | 20 | Text | Not Used for WBCR Events. |  |  |  |  |  |
| \*Room ID | 24 | 20 | Text | Not Used for WBCR Events. |  |  |  |  |  |
| \*Service ID | 25 | 40 | Text | Not Used for WBCR Events. |  |  |  |  |  |
| Event Class | 26 | 40 | Text | e.g. WBCR-24HR-Delivery |  |  |  |  |  |
| Event Name | 27 | 40 | Text | e.g. 24 Hour router delivery by courier |  |  |  |  |  |
| \*CBUK reference number | 28 | 20 | Text | Not Used for WBCR Events. |  |  |  |  |  |
| CLI | 29 | 20 | Text | e.g. 1455556887 |  |  |  |  |  |
| \*MAC code | 30 | 20 | Text | Not Used for WBCR Events. |  |  |  |  |  |
| \*Free text | 31 | 20 | Text | Not Used for WBCR Events. |  |  |  |  |  |
| \*TRC Start date time | 32 | DATE | YYYYMMDD | Not Used for WBCR Events. |  |  |  |  |  |
| \*Clear code | 33 | 20 | Text | Not Used for WBCR Events. |  |  |  |  |  |
| \*TRC description code | 34 | 20 | Text | Not Used for WBCR Events. |  |  |  |  |  |
| Price list reference | 35 | 256 | Text |  |  |  |  |  |  |
| Price list description | 36 | 256 | Text |  |  |  |  |  |  |

\* Asterisk = Fields whose values will not get populated.

Event fields from attribute 37 onwards are unique to the below mentioned event type listed below as the other WBCR event type’s attributes do not extend beyond field 36. Any field numbers after those shown in each of the tables below will be empty up to field 72. Any event types not shown below will all have empty fields from 37-72.

### Event: Broadband Complete Usage

These events are specific to ‘Broadband Complete Usage’ events.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Field Name** | **Field No** | **Maximum Field Length** | **Format** | **Value** | **Note** |
| Eclipse Id | 37 | 40 | Text | e.g. EN592090 | Event Type Attribute  ‘Eclipse ID’ |
| Over Usage (GB) | 38 | 20 | Text | e.g. 5 | This is Over Usage bandwidth in GB. |

### Event: Broadband Complete End User

These events are specific to ‘Broadband Complete End User events.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Field Name** | **Field No** | **Maximum Field Length** | **Format** | **Value** | **Note** |
| Eclipse Id | 37 | 40 | Text | e.g. EN592090 | Event Type Attribute  ‘Eclipse ID’ |

### Event: Broadband Complete End User (Non VAT)

These events are specific to ‘Broadband Complete End User (Non VAT) events.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Field Name** | **Field No** | **Maximum Field Length** | **Format** | **Value** | **Note** |
| Eclipse Id | 37 | 40 | Text | e.g. EN592090 | Event Type Attribute  ‘Eclipse ID’ |

## 11.5. ADJUSTMENTS RECORD

The following adjustment records will be included in the output file and contain the following data.

Record Type: **ADJUSTMENTS**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Field Name** | **Field No** | **Maximum Field Length** | **Format** | **Value** | **Note** |
| Record Type | 1 | 255 | Text | ADJUSTMENTS |  |
| Adjustment Name | 2 | 40 | Text | e.g. WBCR Migration In Charge |  |
| Adjustment free text field | 4 | 255 | Text | Meaningful free text |  |
| Adjustment Date | 7 | DATE | YYYYMMDD | e.g. 20090101 |  |
| Net Value | 17 | 18 | Num | e.g. 141 = £1.41 |  |
| VAT Status | 18 | 2 | Num | e.g.  1 = standard  2 = VAT exempt |  |

**Note**: Rest all fields are NOT APPLICABLE to WBCR Adjustment.

## 

## 11.6 BILL SUMMARY RECORD

The following single trailer record will be included in the output file.

Record Type: **BILLSUMMARYRECORD**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Field Name** | **Field No** | **Maximum Field Length** | **Format** | **Value** | **Note** |
| Record Type | 1 | 255 | Text | BILLSUMMARYRECORD |  |
| Net total of total bill charges(Pence) | 2 | 18 | Num | The charges are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00. |  |
| Total VAT due on bill(Pence) | 3 | 18 | Num | The charges are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00. |  |
| Net total of charges, NOT subject to VAT(Pence) | 4 | 18 | Num | The charges are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00. |  |
| Invoice total due including any VAT(Pence) | 5 | 18 | Num | The charges are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00. |  |
| Summary total of all one-off charges | 6 | 18 | Num | The charges are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00. |  |
| Summary total of all periodic charges | 7 | 18 | Num | The charges are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00. |  |
| Summary total of all event charges | 8 | 18 | Num | The charges are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00. |  |
| Summary total of all non product/event charges | 9 | 18 | Num | The charges are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00. |  |

|  |  |
| --- | --- |
|  | 12. Broadband One Bill Backup |

## Bill Backup Data File

The bill backup files will contain a number of different types of records as listed.

* Customer record (identified by CUSTOMERRECORD). This will be used to identify which CP is being billed and what the account number is etc.
* Product Charge (identified by PRODUCTCHARGE) – this is used for the following charge categories:
* Connection charges (for new supply and transfer charges)
* Rental charges
* Event charges (identified by EVENTCHARGE) – used for miscellaneous charges and credits charges.
* Adjustments (identified by ADJUSTMENT) – used for miscellaneous bill adjustments.
* BILL SUMMARY RECORD (identified by BILLSUMMARYRECORD) – used for displaying the summary in bill.

**FILE FORMAT** ((using | as the delimiter))

* 1. [DESCRIPTION](file:///C:\Users\803009033\AppData\Local\Temp\Temp1_Generic_Bill_Backup_User_Guide_Wholsale_v22.zip\Invoice%20template\BBOne%20latest%20invoice\GBBU%20User%20guide%20BBONE%20changes.docx#wbmcdesc)
  2. [HEADER RECORD](file:///C:\Users\803009033\AppData\Local\Temp\Temp1_Generic_Bill_Backup_User_Guide_Wholsale_v22.zip\Invoice%20template\BBOne%20latest%20invoice\GBBU%20User%20guide%20BBONE%20changes.docx#wbmcheader)
  3. [PRODUCT CHARGES RECORD](file:///C:\Users\803009033\AppData\Local\Temp\Temp1_Generic_Bill_Backup_User_Guide_Wholsale_v22.zip\Invoice%20template\BBOne%20latest%20invoice\GBBU%20User%20guide%20BBONE%20changes.docx#wbmpc)
  4. [EVENT CHARGES RECORD](file:///C:\Users\803009033\AppData\Local\Temp\Temp1_Generic_Bill_Backup_User_Guide_Wholsale_v22.zip\Invoice%20template\BBOne%20latest%20invoice\GBBU%20User%20guide%20BBONE%20changes.docx#wbmec)
  5. [ADJUSTMENTS RECORD](file:///C:\Users\803009033\AppData\Local\Temp\Temp1_Generic_Bill_Backup_User_Guide_Wholsale_v22.zip\Invoice%20template\BBOne%20latest%20invoice\GBBU%20User%20guide%20BBONE%20changes.docx#wbmadj)
  6. [BILL SUMMARY RECORD](file:///C:\Users\803009033\AppData\Local\Temp\Temp1_Generic_Bill_Backup_User_Guide_Wholsale_v22.zip\Invoice%20template\BBOne%20latest%20invoice\GBBU%20User%20guide%20BBONE%20changes.docx#wbmtrailor)

**Note**: Use above hyperlinks to traverse through desired section. Please move the mouse over the sections and then click control (ctrl) key

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**\*Initial comments\***

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

1. FILE FORMAT

## 3.1. DESCRIPTION

This document describes the layout and organisation of the new bill data extract

format(s). The bill data extract format is delivered for information purposes only.

The taxable invoice is the accompanying rtf document.

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Details of attributes in a record type \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

Field Name : Name of data field present in a record of a Backup File.

Field No. : Position of data field in a record of a Backup File.

Maximum Field Length : Maximum length of data field in the record.

Format : Type and format of the data field in the record (for e.g. text, number, date with specified format etc.).

Value : Possible value for data set.

## 3.2. HEADER RECORD

The Customer Detail header record will be the first record in the file and contain the following character separated bill data.

Record Type: **CUSTOMERRECORD**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field Name** | **Field No** | **Maximum Field Length** | **Format** | **Value** |
| Record Type | 1 | 255 | Text | CUSTOMERRECORD |
| Geneva customer reference | 2 | 20 | Text | e.g. 5999999999 |
| Account reference | 3 | 20 | Text | e.g. GD55800086 |
| Invoice reference | 4 | 30 | Text | e.g. GD55800086 M027 |
| Bill tax date | 5 | DATE | YYYYMMDD | e.g. 20090101 |
| Business name | 6 | 100 | Text | e.g. BT RED CARE |
| Address name if available | 7 | 225 | Text | e.g. Mr B Woods |
| First line of address | 8 | 80 | Text | e.g. Accounts Dept |
| Post code | 9 | 16 | Text | e.g. CR5 2HS |
| Customer VAT status | 10 | 1 | Text | e.g.  1 = Standard  2 = VAT exempt |
| Bill Type | 11 | 9 | Text | e.g.  1=Periodic  2=Interim  5= VAT credit |
| Bill title or service name | 12 | 80 | Text | e.g. WS BROADBAND ONE |

This header record uses the standard format for header records for other services being billed on GenIUS.

**Note**: Use above hyperlinks to traverse through desired section. Please move the mouse over the sections and then click control (ctrl) key

FILE FORMAT

## 11.3. PRODUCT CHARGES RECORD

The following product details record will be included in the data file and will contain the following character separated bill data.

Record Type: **PRODUCTCHARGE**

| **Field Name** | **Field No** | **Maximum Field Length** | **Format** | **Value** | | **Note** |
| --- | --- | --- | --- | --- | --- | --- |
| Record Type | 1 | 255 | Text | PRODUCTCHARGE | |  |
| Product Description | 2 | 40 | Text | e.g. ADSL 500K/Access line Rental | | Bill Description |
| \*Product Tariff name | 3 | 40 | Text | Not Used for Broadband One. | |  |
| Product Label | 4 | 80 | Text | e.g. BBONxxxxxxxxxfor Broadband  0xxxxxxxxxxx for Access line | | BBONxxxxxxxxfor Broadband  0xxxxxxxxxxxxxfor Access line |
| Charge Description | 5 | 20 | Text | e.g. RentalConnection TerminationEarly Termination  Hardware [for ‘Router’ product]  Other [for Managed Install charge] | |  |
| \*Charge Reason | 6 | 40 | Text | Not Used for Broadband One. | |  |
| Start date | 7 | DATE | YYYYMMDD | e.g. 20070301 | | Where an Early Termination the cease date will be populated. |
| End date | 8 | DATE | YYYYMMDD | e.g. 20070331 | | Where an Early Termination the contract end date will be populated. |
| \*First line of address | 9 | 80 | Text | Not Used for Broadband One. | |  |
| \*Post Code | 10 | 16 | Text | Not Used for Broadband One | |  |
| \* CSS/Seibel Job No | 11 | 20 | Text | Not Used for Broadband One | |  |
| Customer order number | 12 | 20 | Text | Whatever entered by customer when placing order | | Customer entered order reference |
| \*Spare | 13 | NOT APPLICABLE | NOT APPLICABLE | NOT APPLICABLE | |  |
| Quantity | 14 | 9 | Num | e.g. 1 | | Applicable for ‘Additional Static IP Address Charge’ only. |
| Units | 15 | 5 | Text | e.g. ?? | | . |
| Unit rate | 16 | 18 | Num | e.g. 3632 | |  |
| Product Rate/Price | 17 | 18 | Num | e.g. 141 = £1.41 | | The product Prices are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00 |
| VAT Status | 18 | 2 | Text | 1=Std VAT  2=VAT Exempt | |  |
| \*CSS Account Number | 19 | 20 | Text | Not Used for Broadband One. | |  |
| \*Prod Type | 20 | 20 | Text | Not Used for Broadband One. | |  |
| \*OR Service ID | 21 | 20 | Text | Not Used for Broadband One | |  |
| \*Circuit ID | 22 | 20 | Text | Not Used for Broadband One | |  |
| \*MDF Site | 23 | 20 | Text | Not Used for Broadband One | |  |
| \*Room ID | 24 | 20 | Text | Not Used for Broadband One | |  |
| Service ID | 25 | 40 | Text | e.g. BBONxxxxxxxxx | |  |
| \*Event Class | 26 | 40 | Text | Not Used for Broadband One. | |  |
| \*Event Name | 27 | 40 | Text | Not Used for Broadband One. | |  |
| \*CBUK reference number | 28 | 20 | Text | Not Used for Broadband One. | |  |
| CLI | 29 | 20 | Text | e.g. 0xxxxxxxxxx | | Linked ‘Access line’ for Broadband only |
| \*MAC code | 30 | 20 | Text | Not Used for Broadband One. | |  |
| \*Free text | 31 | 20 | Text | Not Used for Broadband One. | |  |
| \*TRC Start date time | 32 | DATE | YYYYMMDD | Not Used for Broadband One. | |  |
| \*Clear code | 33 | 20 | Text | Not Used for Broadband One.. | |  |
| \*TRC description code | 34 | 20 | Text | Not Used for Broadband One. | |  |
| Price list reference | 35 | 256 | Text | Not Used for Broadband One. | |  |
| Price list description | 36 | 256 | Text | Not Used for Broadband One. | |  |
| Note: Fields from 37-72 are specific and unique to Broadband One products and will populate if they carry any values. Remaining fieldsto 72 will be shown as empty. | | | | | | |
| Technology | 37 | 40 | Text | | e.g. ADSL 500K, FTTC 40-10,ADSL2+ etc. |  |
| Regrade Category | 38 | 40 | Text | | e.g. WBC\_TO\_FTTC  FTTC\_TO\_WBC | Regrade Category in case of Product Family Migration |
| Migration Type | 39 | 40 | Text | | e.g. LLU to BTW | Migration Type in case of CP Migration |
| BT Order Reference | 40 | 40 | Text | | e.g. BTDB62091 | BT Order Reference relating to the order |
| Connection Type | 41 | 40 | Text | | e.g. SIM Provide | Connection Type |
| Customer Reference | 42 | 40 | Text | | e.g.50028756515 | CP/Sub CP CUG |
| Cease Reason | 43 | 40 | Text | | Eg:Change of CP | Cease Reason Description |

\* Asterisk = Fields whose values will not get populated.For more information on the Access line product family view the product handbook

To be shared by Product Line.

## 11.4. EVENT CHARGES RECORD

The following event detail records will be included in the output file and will contain the following character separated bill data.

Below table hold the event type name and there corresponding mapping values. These will be used further.

|  |  |
| --- | --- |
| **Event Type Description** | **Event Mapping Number** |
| Access line Misc Event | E1 |
| BBOne Generic | E2 |
| BBOne Generic (Non VAT) | E3 |
| BBOne End User | E4 |
| BBOne End User (Non VAT) | E5 |
| Access line Generic | E6 |
| Access line Generic (Non VAT) | E7 |

Record Type: **EVENT**

**Note:** Use the hyperlinks to find the event type name corresponding to the event mapping number (last columns).

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Field Name** | **Field No** | **Maximum Field Length** | **Format** | **Value** | [**E1**](file:///C:\Users\803009033\AppData\Local\Temp\Temp1_Generic_Bill_Backup_User_Guide_Wholsale_v22.zip\Invoice%20template\BBOne%20latest%20invoice\GBBU%20User%20guide%20BBONE%20changes.docx#wbcE1) | **E2** | [**E**](file:///C:\Users\803009033\AppData\Local\Temp\Temp1_Generic_Bill_Backup_User_Guide_Wholsale_v22.zip\Invoice%20template\BBOne%20latest%20invoice\GBBU%20User%20guide%20BBONE%20changes.docx#wbcE1)3 | [**E**](file:///C:\Users\803009033\AppData\Local\Temp\Temp1_Generic_Bill_Backup_User_Guide_Wholsale_v22.zip\Invoice%20template\BBOne%20latest%20invoice\GBBU%20User%20guide%20BBONE%20changes.docx#wbcE1)4 | **E5** | [**E**](file:///C:\Users\803009033\AppData\Local\Temp\Temp1_Generic_Bill_Backup_User_Guide_Wholsale_v22.zip\Invoice%20template\BBOne%20latest%20invoice\GBBU%20User%20guide%20BBONE%20changes.docx#wbcE1)6 | **E7** |
| Record Type | 1 | 255 | Text | EVENT |  |  |  |  |  |  |  |
| \*Product Description | 2 | 40 | Text | Not Used for Access line/BB Events. |  |  |  |  |  |  |  |
| \*Product Tariff Name | 3 | 40 | Text | Not Used for Access line/BB Events. |  |  |  |  |  |  |  |
| Event Source | 4 | 40 | Text | e.g. 0xxxxxxxxxxx |  |  |  |  |  |  |  |
| Event Description | 5 | 40 | Text | e.g. Time Related Charges |  |  |  |  |  |  |  |
| \*Charge Reason | 6 | 40 | Text | Not Used for Access line/BB Events. |  |  |  |  |  |  |  |
| Event Date | 7 | DATE | YYYYMMDD | e.g. 20090101 |  |  |  |  |  |  |  |
| \*End Date | 8 | DATE | YYYYMMDD | Not Used for Access line/BB Events. |  |  |  |  |  |  |  |
| \*Address Line 1 | 9 | 80 | Text | Not Used for Access line/BB Events. |  |  |  |  |  |  |  |
| \*Post Code | 10 | 16 | Text | Not Used for Access line/BB Events. |  |  |  |  |  |  |  |
| \*CSS/Seibel Job No | 11 | 20 | Text | Not Used for Access line/BB Events. |  |  |  |  |  |  |  |
| Cust/SP Order No/Fault No.1/2 | 12 | 80 | Text | e.g. 00009990 |  |  |  |  |  |  |  |
| \*Spare | 13 | NOT APPLICABLE | NOT APPLICABLE | NOT APPLICABLE |  |  |  |  |  |  |  |
| \*Quantity/HDFP air count | 14 | 9 | Num | Eg:1 |  |  |  |  |  |  |  |
| \*Units | 15 | 40 | Text | Not Used for Access line/BB Events. |  |  |  |  |  |  |  |
| \*Unit rate | 16 | 18 | Num | Not Used for Access line/BB Events |  |  |  |  |  |  |  |
| Event Cost | 17 | 18 | Num | e.g. 141 = £1.41 |  |  |  |  |  |  |  |
| VAT Status | 18 | 2 | Num | e.g.  1 = standard  2 = VAT exempt |  |  |  |  |  |  |  |
| \*CSS Account Number | 19 | 20 | Text | Not Used for Access line/BB Events. |  |  |  |  |  |  |  |
| \*Prod Type | 20 | 20 | Text | Not Used for Access line/BB Events. |  |  |  |  |  |  |  |
| \*OR Service ID | 21 | 20 | Text | Not Used for Access line/BB Events. |  |  |  |  |  |  |  |
| \*Circuit ID | 22 | 20 | Text | Not Used for Access line/BB Events. |  |  |  |  |  |  |  |
| \*MDF Site | 23 | 20 | Text | Not Used for Access line/BB Events. |  |  |  |  |  |  |  |
| \*Room ID | 24 | 20 | Text | Not Used for Access line/BB Events. |  |  |  |  |  |  |  |
| \*Service ID | 25 | 40 | Text | Not Used for Access line/BB Events. |  |  |  |  |  |  |  |
| Event Class | 26 | 40 | Text | e.g. AL-MISC-TRC |  |  |  |  |  |  |  |
| Event Name | 27 | 40 | Text | e.g. Time Related Charges |  |  |  |  |  |  |  |
| \*CBUK reference number | 28 | 20 | Text | Not Used for Access line/BB Events. |  |  |  |  |  |  |  |
| CLI | 29 | 20 | Text | e.g. 0xxxxxxxxx |  |  |  |  |  |  |  |
| \*MAC code | 30 | 20 | Text | Not Used for Access line/BB Events. |  |  |  |  |  |  |  |
| \*Free text | 31 | 20 | Text | Not Used for Access line/BB Events. |  |  |  |  |  |  |  |
| \*TRC Start date time | 32 | DATE | YYYYMMDD | Not Used for Access line/BB Events. |  |  |  |  |  |  |  |
| \*Clear code | 33 | 20 | Text | Not Used for Access line/BB Events. |  |  |  |  |  |  |  |
| \*TRC description code | 34 | 20 | Text | Not Used for Access line/BB Events. |  |  |  |  |  |  |  |
| Price list reference | 35 | 256 | Text | Not Used for Access line/BB Events. |  |  |  |  |  |  |  |
| Price list description | 36 | 256 | Text | Not Used for Access line/BB Events. |  |  |  |  |  |  |  |

\* Asterisk = Fields whose values will not get populated.

Event fields from attribute 37 onwards are unique to the below mentioned event type listed below as the other Access line event type’s attributes do not extend beyond field 36. Any field numbers after those shown in each of the tables below will be empty up to field 72. Any event types not shown below will all have empty fields from 37-72.

### Event: Access line Misc Event

These events are specific to ‘Access line Misc Event’ events.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Field Name | Field No | Maximum Field Length | Format | Value | Note |
| BT Order Reference | 39 | 40 | Text | BTDB62091 |  |
| Customer Reference | 40 | 40 | Text | 50028756515 | CP/Sub CP CUG |

### Event: BBOne Generic

These events are specific to ‘BBOne Generic’ events.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Field Name | Field No | Maximum Field Length | Format | Value | Note |
| BT Order Reference | 39 | 40 | Text | BTDB62091 |  |
| Customer Reference | 40 | 40 | Text | 50028756515 | CP/Sub CP CUG |

### Event: BBOne Generic (Non VAT)

These events are specific to ‘BBOne Generic (Non VAT)’ events.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Field Name | Field No | Maximum Field Length | Format | Value | Note |
| BT Order Reference | 39 | 40 | Text | BTDB62091 |  |
| Customer Reference | 40 | 40 | Text | 50028756515 | CP/Sub CP CUG |

### Event: BBOne End User

These events are specific to ‘BBOne End User’ events.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Field Name | Field No | Maximum Field Length | Format | Value | Note |
| BT Order Reference | 39 | 40 | Text | BTDB62091 |  |
| Customer Reference | 40 | 40 | Text | 50028756515 | CP/Sub CP CUG |

### Event: BBOne End User (Non VAT)

These events are specific to ‘BBOne End User (Non VAT)’ events.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Field Name | Field No | Maximum Field Length | Format | Value | Note |
| BT Order Reference | 39 | 40 | Text | BTDB62091 |  |
| Customer Reference | 40 | 40 | Text | 50028756515 | CP/Sub CP CUG |

### Event: Access line Generic

These events are specific to ‘Access line Generic’ events.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Field Name | Field No | Maximum Field Length | Format | Value | Note |
| BT Order Reference | 39 | 40 | Text | BTDB62091 |  |
| Customer Reference | 40 | 40 | Text | 50028756515 | CP/Sub CP CUG |

### Event: Access line Generic (Non VAT)

These events are specific to ‘Access line Generic (Non VAT)’ events.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Field Name | Field No | Maximum Field Length | Format | Value | Note |
| BT Order Reference | 39 | 40 | Text | BTDB62091 |  |
| Customer Reference | 40 | 40 | Text | 50028756515 | CP/Sub CP CUG |

## 3.5. ADJUSTMENTS RECORD

The following adjustment records will be included in the output file and contain the following data.

Record Type: **ADJUSTMENTS**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Field Name** | **Field No** | **Maximum Field Length** | **Format** | **Value** | **Note** |
| Record Type | 1 | 255 | Text | ADJUSTMENTS |  |
| Adjustment Name | 2 | 40 | Text | e.g. Product Rental Adjustment/Access line Rental Adjustment |  |
| Adjustment free text field | 4 | 255 | Text | e.g. , Product Rental Adjustment/Access line Rental Adjustment |  |
| Adjustment Date | 7 | DATE | YYYYMMDD | e.g. 20090101 |  |
| Net Value | 17 | 18 | Num | e.g. 141 = £1.41 |  |
| VAT Status | 18 | 2 | Num | e.g.  1 = standard  2 = VAT exempt |  |

**Note**: Rest all fields are NOT APPLICABLE

## 3.6 BILL SUMMARY RECORD

The following single trailer record will be included in the output file.

Record Type: **BILLSUMMARYRECORD**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Field Name** | **Field No** | **Maximum Field Length** | **Format** | **Value** | **Note** |
| Record Type | 1 | 255 | Text | BILLSUMMARYRECORD |  |
| Net total of total bill charges(Pence) | 2 | 18 | Num | The charges are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00. |  |
| Total VAT due on bill(Pence) | 3 | 18 | Num | The charges are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00. |  |
| Net total of charges, NOT subject to VAT(Pence) | 4 | 18 | Num | The charges are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00. |  |
| Invoice total due including any VAT(Pence) | 5 | 18 | Num | The charges are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00. |  |
| Summary total of all one-off charges | 6 | 18 | Num | The charges are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00. |  |
| Summary total of all periodic charges | 7 | 18 | Num | The charges are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00. |  |
| Summary total of all event charges | 8 | 18 | Num | The charges are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00. |  |
| Summary total of all non product/event charges | 9 | 18 | Num | The charges are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00. |  |
| Summary total of all Broadband charges | 11 | 18 | Num | The charges are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00. |  |
| Summary total of all Access line Charges | 12 | 18 | Num | The charges are in pence. Hence the value of 520 should be read as £5.2 and 3600 should be read as £36.00. |  |

|  |  |
| --- | --- |
|  | *12. REFERENCE* |

The document embedded below describes the positions of the fields in old bill backup and where they are placed in the new generic bill backup.

## 12.1 This is for IPSTREAM Reference



## 12.2 This is for WBC Reference



## 12.3 This is for WBMC Reference



## 12.4 This is for Managed BB Reference



## 12.5 This is for 21CN Ethernet Reference



## 12.6 This is for SaaS Reference

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## 12.7 This is for IPExchange and VOIP Reference

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## 12.8 This is for BTW-Adhoc (PN, CPS, HT) Reference

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## 12.9 This is for HCC Reference

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**Feedback**

BT Wholesale would welcome any feedback on the contents of this document, as we are continually striving to meet customer’s needs, and any assistance that would help any future readers of this document will be taken on board for later issues.