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**\*\* BT Bill Data Format Structure (READMEWBMC.doc) \*\***

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1. FILE FORMAT ((using | as the delimiter))

* 1. DESCRIPTION
	2. HEADER RECORD
	3. PRODUCT CHARGES RECORD
	4. EVENT CHARGES RECORD
	5. ADJUSTMENTS RECORD
	6. SESSION BASED CHARGES RECORD
	7. IPSC/Content Connect ISP Charges RECORD
	8. WBC/Content Connect ISP Charges RECORD
	9. WBC/TV Connect Charges
	10. TRAILER RECORD

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 **\*Initial comments\***

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**1. FILE FORMAT**

**1.1. 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 e-bill.

Notes:

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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.

The file formats therefore only specify an indicative length of each field.

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

\*\*\*\*\*\*\*\*\*\*\*\***EACH RECORD TYPE CONTAINS FOLLOWING ATTRIBUTES**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Field Name : Name of the field in the record of Bill Backup file.

Field No : Position in the record of Bill Backup file.

Maximum field Length : Maximum field length of each field.

Format : This describe the format of the field like Number, Text, YYYYMMDD

Value : This field indicates the value or examples of possible values

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**1.2. 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

======================================================================================

 Maximum

 Field Field

Field Name No. Length Format Value

=====================================================================================

Record Type 1 Text CUSTOMERRECORD

Geneva Customer Reference 2 20 Text e.g. OS021-13A01TR

Account Reference 3 20 Text e.g. GD55800099

Invoice Reference 4 Text e.g. GD55800099 M042

Bill Tax Date 5 DATE e.g. 20050427

Business Name 6 40 Text e.g. BROADBAND CO.

Address name if available 7 100 Text e.g. Ms. P. Taylor

First line of address 8 80 Text e.g. Caroline Green

Post code 9 16 Text e.g. BT1 3LT

Customer VAT status 10 1 Text e.g. 1, 2, 3 etc

\*Bill Type 11 9 Text

Bill title or service name 12 80 Text BT Wholesale Broadband Managed Connect

\*POSSIBLE BILL TYPE

1 Periodic

2 Interim

3 Initiation

4 Termination

5 VAT Credit

6 Budget Center Report

7 Post Termination

8 Suspension

**1.3. 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

======================================================================================

 Maximum

 Field Field

Field Name No. Length Format Value

======================================================================================

Record Type 1 PRODUCTCHARGE

Product Description 2 40 Text e.g. Shared Aggregation Point - Rental

##Product Tariff name 3 40 Text Product Price plan name

Product Label 4 20 Text e.g. BBCA6000000

Charge Desc 5 20 Text e.g. Rental,Connection,Termination,Increase

##Charge Reason 6 40 Text

Product from date 7 DATE e.g. 20070301

Product to date 8 DATE e.g. 20070331

##First line of address 9 40 Text

##Product Instance Postcode 10 16 Text

Customer order number 11 20 Text e.g. B172829

\*Quantity 12 9 Num e.g. 100

\*Unit 13 5 Text e.g. Mbit/s, Meter(s), Link(s)

#Unit Rate (In pence) 14 18 Num e.g. 67900

#Product Price (In pence) 15 18 Num e.g. 3395000

#1Product Attribute 1 16 40 Text

#2Product Attribute 2 17 40 Text

#3Product Attribute 3 18 40 Text

#4Product Attribute 4 19 40 Text

#5Product Attribute 5 20 40 Text

#6Product Attribute 6 21 40 Text

#7Product Attribute 7 22 40 Text

#8Product Attribute 8 23 40 Text

#9Product Attribute 9 24 40 Text

#10Product Attribute 10 25 40 Text

VAT Status 26 2 Text (e.g 1=Std VAT, 2=VAT Exempt)

#11Product Attribute 11 27 40 Text

#12Product Attribute 12 28 40 Text

#13Product Attribute 13 29 40 Text

#14Product Attribute 14 30 40 Text

#15Product Attribute 15 31 40 Text

#16Product Attribute 16 32 40 Text

#17Product Attribute 17 33 40 Text

#18Product Attribute 18 34 40 Text

#19Product Attribute 19 35 40 Text e.g. Yes/Blank

(It denotes SoGEA New Line connection has been charged in current bill)

#20Product Attribute 20 36 40 Text e.g. ChargingCategory1..30/Blank

#21Product Attribute 21 37 40 Text e.g. TakeOverWorkingLine /Blank

#The Unit Rate & product Prices are in pence. Hence the value of 67900 should

be read as £679.00 and 3395000 should be read as £33950.00

## Attributes only applicable to IPstream Connect end user products

\*Quantity will be 1 for all non-parametric products. Unit is applicable for only parametric products.

\*\*Product attributes applicable for WBMC, WBC EUA ,TV Connect, FVA Connectivity Set, FVA Interconnect , EUAC Real Time Bandwidth , EUAC Traffic Weighting Elevated products are as below:

**Product Attribute WBMC WBC EUA IPSC EUA TVC**

#1Product Attribute 1 Service ID Service ID Service ID Service ID

#2Product Attribute 2 Dedicated Link Ref Technology Bill Description Channel Name

#3Product Attribute 3 Currently Undefined Exchange Id Currently Undefined Definition

#4Product Attribute 4 Currently Undefined Exchange Band Network ID Currently Undefined

#5Product Attribute 5 Currently Undefined Bill Description Caller Line Identity Currently Undefined

#6Product Attribute 6 Currently Undefined Reason MAC Code Currently Undefined

#7Product Attribute 7 Currently Undefined Real Time<value/blank> Exchange ID Currently Undefined

#8Product Attribute 8 Currently Undefined Assured Currently Undefined Currently Undefined

#9Product Attribute 9 Currently Undefined Traffic Weighting<value/blank> Currently Undefined Currently Undefined

#10Product Attribute 10 Currently Undefined Access Line Rate Currently Undefined Currently Undefined

#11Product Attribute 11 Currently Undefined Transition Pricing Currently Undefined Currently Undefined

#12Product Attribute 12 Currently Undefined Market B Offer Currently Undefined Currently Undefined

#13Product Attribute 13 Currently Undefined FVA Linkage Discount Currently Undefined Currently Undefined

#14Product Attribute 14 Currently Undefined Self Install Currently Undefined Currently Undefined

#15Product Attribute 15 Currently Undefined FTTP On Demand Currently Undefined Currently Undefined

#16Product Attribute 16 Currently Undefined OpenreachModem Currently Undefined Currently Undefined

#17Product Attribute 17 Currently Undefined StartOrderStatus Currently Undefined Currently Undefined

#18Product Attribute 18 Currently Undefined AccessLineId Currently Undefined Currently Undefined

#19Product Attribute 19 Currently Undefined SoGEA New Line flag Currently Undefined Currently Undefined

#20Product Attribute 20 Currently Undefined Charging Category Currently Undefined Currently Undefined

#21Product Attribute 21 Currently Undefined Connection Charge Type Currently Undefined Currently Undefined

**Product Attribute FVA Connectivity Set FVA Interconnect**

#1Product Attribute 1 Service ID Service ID

#2Product Attribute 2 Technology Technology

#3Product Attribute 3 Exchange Id Associated Service ID

#4Product Attribute 4 Bandwidth Bandwidth

#5Product Attribute 5 Bill Description Bill Description

#6Product Attribute 6 Reason Reason

#7Product Attribute 7 CVLAN Interconnect Option

#8Product Attribute 8 Cust Order Ref Interconnect Type

#9Product Attribute 9 Cust Order Ref

#10Prodibute 10

#11Product Attribute 11

 **Product Attribute EUAC Real Time Bandwidth EUAC Traffic Weighting Elevated**

#1Product Attribute 1 Service ID Service ID

#2Product Attribute 2 Technology Technology

#3Product Attribute 3

#4Product Attribute 4

#5Product Attribute 5 Bill Description Bill Description

#6Product Attribute 6

#7Product Attribute 7 Real Time

#8Product Attribute 8

#9Product Attribute 9 Traffic Weighting

#10Product Attribute 10

#11Product Attribute 11

#12Product Attribute 12

#13Product Attribute 13

#14Product Attribute 14

#15Product Attribute 15

#16Product Attribute 16

#17Product Attribute 17

#18Product Attribute 18

#19Product Attribute 19

#20Product Attribute 20 Charging Category Charging Category

**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.

Record Type: EVENT

=============================================================================================

 Maximum

 Field Field

Field Name No. Length Format Value

=============================================================================================

Record Type 1 EVENT

Event Source field (e.g. Service Id) 2 40 Text e.g. BBAP700000

\*Event Description 3 40 Text e.g. Other Charges

Event Date 4 DATE e.g. 20070301

#Event Cost (in decipence) 5 18 Num e.g. 25000

#1Event Attribute 1 6 40 Text

#2Event Attribute 2 7 40 Text

#3Event Attribute 3 8 40 Text

#4Event Attribute 4 9 40 Text

#5Event Attribute 5 10 40 Text

:

:

#24Event Attribute 24 29 40 Text

VAT Status 30 2 (e.g. 1=Std VAT, 2=VAT Exempt)

#The event Prices are in decipence. Hence the value 25000 should be read as £25.000.

**\*Event Description Other Charges /Other Charges (Non VAT)**

#1Event Attribute 1 Charge Type

#2Event Attribute 2 Charge Description

#3Event Attribute 3 Customer Order Number

#4Event Attribute 4 EU Count/Bandwidth (Mbps)/Cancellation Days

#5Event Attribute 5 Burst Bandwidth (Mbps)

#6Event Attribute 6 Prorate Days

#7Event Attribute 7 Duration/Visits

#8Event Attribute 8

#9Event Attribute 9

#10Event Attribute 10

**\*Event Description**  **WBMC IPSC ADSL EUA WBMC IPSC SDSL EUA WBMC IPSC EUA Generic**

 **Other One-off Charge Other One-off Charge One-off Charge[**IPStream Generic/

 IPStream Generic (Non VAT)]

#1Event Attribute 1 Charge Type Charge Type Charge Type

#2Event Attribute 2 Event Name Event Name Event Name

#3Event Attribute 3 Event Description Event Description Event Description

#4Event Attribute 4 SP Order Number SP Order Number SP Order Number

#5Event Attribute 5 Event Description 1 Network Build Cost Band Duration

#6Event Attribute 6 Event Description 2 Event Description 1 Charge Band

#7Event Attribute 7 Event Description 3 Event Description 2 CLI

#8Event Attribute 8 Event Description 4 Event Description 3 Network ID

#9Event Attribute 9 Additional Reference Event Description 4 MAC Code

#10Event Attribute 10 CLI Additional Reference

#11Event Attribute 11 Network ID Network ID

#12Event Attribute 12 MAC Code MAC Code

#13Event Attribute 13 Account

**1.5. Adjustments Record**

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

Record Type: ADJUSTMENTS

====================================================================================

 Maximum

 Field Field

Field Name No. Length Format Value

====================================================================================

Record Type 1 ADJUSTMENT

Adjustment Name 2 40 Text e.g. WBMC Shared Host Link Connection

Adjustment free text field 3 255 Text Adjustment description

Adjustment Date 4 DATE e.g. 20071101

#Net value of adjustment (can be + or -) 5 18 Text e.g. 10250

VAT Status 6 2 Text (e.g. 1=Std VAT, 2=VAT Exempt)

# The Adjustments are in pence. Hence the value of 10250 should be read as £102.50.

**1.6. Session Based Charges**

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

Record Type: EVENT

=============================================================================================

 Maximum

 Field Field

Field Name No. Length Format Value

=============================================================================================

Record Type 1 EVENT

Event Source field 2 40 Text e.g. BBEU6000000, 0455800213

\*Event Description 3 40 Text e.g. Session Based Charges

Event Date 4 DATE

#Event Cost (in decipence) 5 18 Num e.g. 20000

Event Attribute 1 6 40 Text Event Class

Event Attribute 2 7 40 Text Event Description

Event Attribute 3 8 18 Num Minutes

Event Attribute 4 9 18 Num Record Count

Event Attribute 5 10 40 Text Service Provider Order Number

Event Attribute 6 11 40 Text CLI

Event Attribute 7 12 40 Text Network ID

:

:

Event Attribute 24 29 40

VAT Status 30 2 (e.g. 1=Std VAT, 2=VAT Exempt)

# The event Prices are in decipence. Hence the value 2600 should be read as £2.60.

\* Event Description will contain value Session Based Charges.

**1.7. IPSC/Content Connect ISP Charges**

The following IPstream Content Connect charges detail records will be included in the output file and contain the following character separated bill data.

Record Type: EVENT

=============================================================================================

 Maximum

 Field Field

Field Name No. Length Format Value

=============================================================================================

Record Type 1 EVENT

Event Source field 2 40 Text e.g. WCCI12345678

\*Event Description 3 40 Text e.g. IPstream Connect/CC Charges

Event Date 4 DATE

#Event Cost (in decipence) 5 18 Num e.g. 2600

#1Event Attribute 1 6 40 Text

#2Event Attribute 2 7 40 Text

#3Event Attribute 3 8 18 Num

#4Event Attribute 4 9 18 Num

#5Event Attribute 5 10 40 Num

#6Event Attribute 6 11 40 Text

#7Event Attribute 7 12 40 Text

:

:

#24Event Attribute 24 29 40

VAT Status 30 2 (e.g. 1=Std VAT, 2=VAT Exempt)

# The event Prices are in decipence. Hence the value 2600 should be read as £2.60.

\***Event Description CC ISP Usage CC ISP Generic**

#1Event Attribute 1 Event Class Event Class

#2Event Attribute 2 Event Name Event Name

#3Event Attribute 3 Event Description Charge Reason

#4Event Attribute 4 Bandwidth Volume(Gbytes)SP Order Number

#5Event Attribute 5 Unit Rate (In GBP)

#6Event Attribute 6 Traffic Type

#7Event Attribute 7 Deliver Service Id

#8Event Attribute 8 CSP Name

#9Event Attribute 9

#10Event Attribute 10

**1.8. WBC/Content Connect ISP Charges**

The following WBC/Content Connect charges detail records will be included in the output file and contain the following character separated bill data.

Record Type: EVENT

=============================================================================================

 Maximum

 Field Field

Field Name No. Length Format Value

=============================================================================================

Record Type 1 EVENT

Event Source field 2 40 Text e.g. WCCI123456789

\*Event Description 3 40 Text

Event Date 4 DATE

#Event Cost (in decipence) 5 18 Num e.g. 2600

#1Event Attribute 1 6 40 Text

#2Event Attribute 2 7 40 Text

#3Event Attribute 3 8 18 Text

#4Event Attribute 4 9 18 Text

#5Event Attribute 5 10 40 Num

#6Event Attribute 6 11 40 Text

#7Event Attribute 7 12 40 Text

:

:

#24Event Attribute 24 29 40

VAT Status 30 2 (e.g. 1=Std VAT, 2=VAT Exempt)

# The event Prices are in decipence. Hence the value 2600 should be read as £2.60.

\***Event Description CC ISP Usage CC ISP Generic** **Origin Server Storage Usage**

#1Event Attribute 1 Event Class Event Class Charge Type

#2Event Attribute 2 Event Name Event Name Charge Description

#3Event Attribute 3 Event Description Charge Reason Committed Storage (GB)

#4Event Attribute 4 Bandwidth Volume(Gbytes)SP Order Number Rounded Peak Storage (GB)

#5Event Attribute 5 Unit Rate (In GBP) Absolute Burst Storage (GB)

#6Event Attribute 6 Traffic Type CSP Name

#7Event Attribute 7 Delivery Service Id

#8Event Attribute 8 CSP Name

**1.9. WBC/** **TV Connect** Charges

The following WBC/ TV Connect charges detail records will be included in the output file and contain the following character separated bill data.

Record Type: EVENT

=============================================================================================

 Maximum

 Field Field

Field Name No. Length Format Value

=============================================================================================

Record Type 1 EVENT

Event Source field 2 40 Text e.g. TVCSnnnnnnnn

\*Event Description 3 40 Text

Event Date 4 DATE

#Event Cost (in decipence) 5 18 Num e.g. 2600

#1Event Attribute 1 6 40 Text

#2Event Attribute 2 7 40 Text

#3Event Attribute 3 8 18 Num

#4Event Attribute 4 9 18 Num

#5Event Attribute 5 10 40

#6Event Attribute 6 11 40

:

:

#24Event Attribute 24 29 40

VAT Status 30 1 (e.g. 1=Std VAT, 2=VAT Exempt)

# The event Prices are in decipence. Hence the value 2600 should be read as £2.60.

\***Event Description TVC Usage TVC Generic/TVC Generic (Non VAT)**

#1Event Attribute 1 Charge Type Charge Type

#2Event Attribute 2 Charge Description Charge Description

#3Event Attribute 3 EU count (Number of ports) SP Order Number

#4Event Attribute 4 Charge per EU count

**1.10. Trailer Record**

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

Record Type: BILLSUMMARYRECORD

======================================================================================

 Maximum

 Field Field

Field Name No. Length Format Value

======================================================================================

Record Type 1 BILLSUMMARYRECORD

Net total of total bill charges 2 18 Num e.g. 5867825

Total VAT due on bill. 3 18 Num e.g. 1026869

Net total of charges, NOT subject to VAT, 4 18 Num e.g. 0

Invoice total due including any VAT 5 18 Num e.g. 6894694

Summary total of all one-off charges 6 18 Num e.g. 5241000

Summary total of all periodic charges 7 18 Num e.g. 6000

Summary total of all event charges 8 18 Num e.g. 2500

Summary total of all non product/event charges 9 18 Num e.g. 1025

Summary total of all session based charges 10 18 Num e.g. 617300

Summary total of all IPSC/Content Connect

charges 11 18 Num e.g. 21300

Summary total of all WBC/ Content Connect

charges 12 18 Num e.g. 21300

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