



# CMP 8.18

## Extracts Guide

Version 1.0

Classification: **Customer Confidential**



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## Version Control

| Version     | Issue Date    | Author | Comments  |
|-------------|---------------|--------|---|
| Version 1.0 | 27 March 2025 | MDS    | CMP 8.18 Release - Changed the C in CMP to Converged. |
|             |               |        |   |
|             |               |        |   |
|             |               |        |   |

# Terms Used in this Document

For definitions and explanations of the terms, abbreviations and acronyms used in this document, please see the *CMP Glossary* document.

# 1.0 Introduction

The Converged Monetisation Platform (CMP) provides Data Warehouse (DWH) extracts. This guide describes the standard MDS Global extracts, the process for extraction, and the data extracted.

## 1.1 Required Reading

This document assumes prior knowledge to the *CMP Overview* and *Operational Overview* documentation.

## 2.0 Data Warehouse Extracts


### 2.1 Overview

The DWH extract is made up of separate outputs covering the lifecycle of the customer. All data is retrieved from the CMP database.

The DWH extract is produced by CMP batch process, comprising batch jobs such as the Unbilled Usage Analytics job, that can be run manually or scheduled using the CMP Administration Console. The following table lists the batch jobs, the parameters that they take, and the extracts that they produce:

| Batch Job  | Parameters     | Extract                                   |
|--|----------------|---|
| Account Analytics  | Full/Partial*  | "Account Analytics" on page 7             |
| Agreement Analytics  | Full/Partial   | "Agreement Analytics" on page 9           |
| Billed Usage Analytics   | Invoice Run #  | "Billed Usage Analytics" on page 10       |
| Invoice Detail Analytics   | Full/Partial   | "Invoice Detail" on page 13               |
| Payment Detail Analytics   | Full/Partial   | "Payment Details Analytics" on page 16    |
| Prepaid Usage Analytics  | Extract Date** | "Prepaid Usage" on page 18                |
| Purchase Analytics   | Full/Partial   | "Purchase Analytics" on page 20           |
| Statement Analytics  | Full/Partial   | "Statement Analytics" on page 22          |
| Subscription Analytics   | Full/Partial   | "Subscription Analytics" on page 23       |
| Subscription Feature Analytics   | Full/Partial   | "Subscription Features" on page 26        |
| Subscription Service Analytics   | Full/Partial   | "Subscription Service" on page 27         |
| Transaction Detail Analytics   | Full/Partial   | "Transaction Detail Analytics" on page 29 |
| Unallocated Usage Analytics  | Full/Partial   | "Unallocated Usage Analytics" on page 33  |
| Unbilled Usage Analytics   | Extract Date   | "Unbilled Usage Analytics" on page 30     |
| <p>* Full mode retrieves all records. Partial mode retrieves all new records since the job was last run. The job checks the interface batch header for the last record produced. If no record is found, it runs in Full mode.</p> <p>** For jobs that take Extract Date as a parameter, the current date is used if no date is provided. The job retrieves records up to, but not including the Extract Date provided.</p> |                |   |

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 For more information about these extract jobs, see the [CMP Batch Jobs and JSON Schemas Guide](#). See also the jobs descriptions provided in the CMP Administration Console.

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## 2.2 Scheduling

In MDS Global Business Operations implementations, the MDS Application & Billing team is responsible for scheduling the process.

In licence-only or Business Operations Partner implementations, the party responsible for operating CMP must determine the most appropriate point in the daily batch schedule to run the extract.

## 2.3 Flow

The start point for the extract is the submission of the process; either manually through the CMP Administration Console or automatically using the Console's scheduling function.

Error scenarios in the process can prevent the extract being produced. In such scenarios, the appropriate error is written to the operations message queue so that monitoring tools (such as Nimsoft) can trigger alerts/alarms. Administration Console probes can also be used as quality measures.

Successfully completed extracts are placed on the file system of the CMP server for collection by the consuming party (usually the service provider).

## 3.0 Data Warehouse Output Files

### 3.1 Format

Files are comma delimited csv files. Character fields will be enclosed with quotation marks, for example "text".

If the extract is related to customer structure, for example Subscription, Account or Agreement, a file will always be produced, even if it consists of just two lines: the version number and a list of fields. This applies when extracts are run in both FULL or PARTIAL mode.

### 3.2 Version Number

Output files always include a version number as the first line of the output. All output formats start at Version 1.0. Each time an extract batch job is updated and this affects the output format, the version number is incremented: Version 1.1, Version 1,2 and so on. This enables customers to determine whether they are looking at the latest extracts:

| Version 1.00 |              |                   |              |             |                          |                |              |
|--------------|--------------|-------------------|--------------|-------------|--------------------------|----------------|--------------|
| A            | B            | C                 | D            | E           | F                        | G              |              |
| 1            | Version 1.00 |                   |              |             |                          |                |              |
| 2            | Subscription | Usage Date Time   | Network Code | Usage Class | Usage Class Description  | Company Number | Service Code |
| 3            | 11008        | 2020-12-31T12:03: | OCS          | NONGEO      | Non-Geographic Call      | 1              | NONGEO       |
| 4            | 11008        | 2020-12-31T12:36: | OCS          | INTTEXT     | International Text Messa | 1              | INTSMS       |
| 5            | 11008        | 2020-12-31T00:49: | OCS          | EUVOICE     | EU Voice Call            | 1              | EUVCE        |
| 6            | 5000068      | 2020-12-31T08:22: | OCS          | NONGEO      | Non-Geographic Call      | 1              | NONGEO       |
| 7            | 5000068      | 2020-12-31T02:43: | OCS          | INTTEXT     | International Text Messa | 1              | INTSMS       |
| 8            | 5000068      | 2020-12-31T04:38: | OCS          | EUDATA      | EU Data                  | 1              | EUDATA       |
| 9            | 5000060      | 2020-12-31T17:10: | OCS          | EUDATA      | EU Data                  | 1              | EUDATA       |
| 10           | 5000060      | 2020-12-31T16:24: | OCS          | INTTEXT     | International Text Messa | 1              | INTSMS       |

### 3.3 Collection

Extract files are placed in a predefined location on the file system of the CMP server. The consumer of the files needs to pull files via File Transfer Protocol (FTP), or where required, Secure File Transfer Protocol (SFTP).

A user profile is needed to access the file system.

## 3.4 File Naming

The configurable file naming convention is as follows:

<fileNamePrefix> - extract ID - partition ID -  
<fileNameSuffix>.csv, where:

- <fileNamePrefix> = DWHExtract
- <fileNameSuffix> = a descriptive name of the extract

Example: DWHExtract-55141-1-Unbilled\_Usage\_Analytics.csv

## 3.5 Housekeeping

The extract process does not perform housekeeping of the output directory on the CMP file system. An operational process needs to define what happens to files once they are collected.

Files can be deleted, renamed or moved to an archive folder.

## 3.6 Systems Monitoring

Monitoring should be put in place to raise alerts if errors are found and/or if the success message is not output by a given time of day. The CMP Administration probes and alerts functions can be used to monitor quality and alert users.

## 4.0 Data Warehouse Data Dictionary

### 4.1 Field Rules

The following rules apply for the Customer Data and Configuration Data extract fields in the ["Customer Data Extracts" on the next page](#) .

- All fields are comma (,) delimited with no leading or trailing record comma.
- Numeric amounts are not encased by quotation marks, for example 123.
- Alphanumeric fields are not encased by quotation marks, for example ,TARIFF.
- Date/time fields are not encased by quotation marks, for example 2020-07-17T10:01:17+0100.
- A non-monetary numeric amount is a straight forward character conversion. If the value is zero it is represented as ,0,.
- For monetary amounts, an edit code is applied for formatting purposes:

|           |               |
|-----------|---------------|
| 12345.67  | Debit amount  |
| 12345.67- | Credit amount |
| .00       | Zero          |

Additionally if the amount is 0.67, the leading 0 is dropped and represented as .67 (or .67- if credit amount).

## 4.2 Customer Data Extracts

The following extracts provide customer data such as account, agreement, subscription, service, and invoice details. Extracts also provide details on payments, billed and unbilled usage, prepaid usage, purchases and transactions.

### 4.2.1 Account Analytics

Data is only considered up to midnight of the previous day. This is to ensure a common cut-off date across all Data Warehouse output.

| Column Heading                 | Unique? | Type         | Length | Details  |
|--------------------------------|---------|--------------|--------|--|
| Account Number                 | Y       | Numeric      | 8,0    | CMP Account Number   |
| Company Number                 |         | Alphanumeric | 3      | CMP Company Number   |
| Account Type Code              |         | Alphanumeric | 3      | 3-digit indicator of account type  |
| Account Type Description       |         | Alphanumeric | 30     | Text description of account type   |
| Billing Media Code             |         | Alphanumeric | 6      | The CMP code that indicates the type of billing media, for example, ONLINE (used for non-subscription invoicing) |
| Billing Media Code Description |         | Alphanumeric | 30     | Text description of the billing media, for example online billing, paper   |
| Payment Type Code              |         | Alphanumeric | 6      | CMP code that indicates the payment type associated with the account, for example, MANUAL                        |
| Payment Type Code Description  |         | Alphanumeric | 30     | Text description of the payment type code, for example Manual Payment  |
| Last Invoice Date              |         | Numeric      | 25,0   | Date last invoice created in CMP. YYYY-MM-DD HH:MM:SS format (used for non-subscription invoicing)               |
| Next Expected Invoice Date     |         | Numeric      | 25,0   | The next expected invoice date in CMP. YYYY-MM-DD HH:MM:SS format (used for non-subscription invoicing)          |
| Account in Query               |         | Alphanumeric | 1      | Either 1=Yes or 0=No   |
| Account Balance                |         | Numeric      | 11,2   | Amount to 2 decimal places, positive or negative   |
| Amount Overdue                 |         | Numeric      | 11,2   | Amount to 2 decimal places if populated, positive or negative  |
| Amount Query                   |         | Numeric      | 11,2   | Amount in query, positive or negative  |
| Is Ignore CC Procedure         |         | Alphanumeric | 1      | Either 1=Yes or 0=No   |
| Account Name                   |         | Alphanumeric | 60     | Delivery Address Name  |
| Address Line 1                 |         | Alphanumeric | 40     | First line of the address to which the bill is sent  |

| Column Heading    | Unique? | Type         | Length | Details  |
|-------------------|---------|--------------|--------|--|
| Address Line 2    |         | Alphanumeric | 40     | Second line of the address to which the bill is sent               |
| Address Line 3    |         | Alphanumeric | 40     | Third line of the address to which the bill is sent                |
| Address Line 4    |         | Alphanumeric | 40     | Fourth line of the address to which the bill is sent               |
| Address Line 5    |         | Alphanumeric | 40     | Fifth line of the address to which the bill is sent                |
| Post Code         |         | Alphanumeric | 10     | Post code of the address to which the bill is sent                 |
| Date Time Created |         | Numeric      | 25,0   | Date record created in CMP. YYYY-MM-DD HH:MM:SS format             |
| Created By        |         | Alphanumeric | 10     | User ID of user who created the record                             |
| Date Time Changed |         | Numeric      | 25,0   | Date record changed in CMP. YYYY-MM-DD HH:MM:SS format             |
| Changed By        |         | Alphanumeric | 10     | User ID of user who changed the record                             |
| Data Extract Date |         | Numeric      | 7,0    | Date that the data above was extracted from CMP. YYYY-MM-DD format |

## 4. 2. 2 Agreement Analytics

Data is only considered up to midnight of the previous day. This is to ensure a common cut-off date across all Data Warehouse output.

| Column Heading             | Unique? | Type         | Length | Details   |
|----------------------------|---------|--------------|--------|---|
| Agreement Number           | Y       | Numeric      | 8,0    | CMP Agreement Number  |
| Account Number             |         | Numeric      | 8,0    | CMP Account Number  |
| Bill Cycle                 |         | Numeric      | 2,0    | Bill cycle day of the month   |
| Billing Media              |         | Alphanumeric | 6      | CMP code for the Billing media, for example, ONLINE, PAPER                            |
| Billing Media Description  |         | Alphanumeric | 30     | Text description of the Billing media, for example, Online Billing                    |
| Billing Frequency          |         | Numeric      | 2,0    | The frequency of the billing, in months   |
| Next Expected Invoice Date |         | Numeric      | 25,0   | Date of next invoice as held on the Agreement file in CMP. YYYY-MM-DD HH:MM:SS format |
| First Invoice Date         |         | Numeric      | 25,0   | Date of first invoice. YYYY-MM-DD HH:MM:SS format                                     |
| Last Invoice Date          |         | Numeric      | 25,0   | Date of last invoice. YYYY-MM-DD HH:MM:SS format                                      |
| Last Invoice Run Number    |         | Numeric      | 8,0    | Last CMP run number   |
| Date Time Created          |         | Numeric      | 25,0   | Date record created in CMP. YYYY-MM-DD HH:MM:SS format                                |
| Created By                 |         | Alphanumeric | 10     | User ID of user who created the record  |
| Date Time Changed          |         | Numeric      | 25,0   | Date record changed in CMP. YYYY-MM-DD HH:MM:SS format                                |
| Changed By                 |         | Alphanumeric | 10     | User ID of user who created the record  |
| Data Extract Date          |         | Numeric      | 7,0    | Date that the data above was extracted from CMP. YYYY-MM-DD format                    |

### 4. 2. 3 Billed Usage Analytics

Data is only considered up to midnight of the previous day. This is to ensure a common cut-off date across all Data Warehouse output.

| Column Header             | Unique? | Type         | Length | Details   |
|---------------------------|---------|--------------|--------|---|
| Rated Usage Identifier    | Y       | Numeric      |        | ID for the rated usage  |
| Usage Date Time           |         | Numeric      | 25,0   | The date and time the usage took place. YYYY-MM-DD HH:MM:SS format                                |
| Usage Processed Date Time |         | Numeric      | 25,0   | The date and time the usage records were processed. YYYY-MM-DD HH:MM:SS format                    |
| Usage External Identifier |         | Numeric      |        | ID used by external third party for usage   |
| Network Code              |         | Alphanumeric | 6,0    | CMP code for the network  |
| Usage Class               |         | Alphanumeric | 12,0   | CMP code for the usage class, for example, DOMDATA  |
| Usage Class Description   |         | Alphanumeric | 30,0   | Text description of the Usage Class code, for example, Domestic Data                              |
| Company Number            |         | Numeric      | 3      | CMP ID number for the company   |
| Service Code              |         | Alphanumeric | 6,0    | CMP Code for the pricing service associated with the usage, for example, EUDATA                   |
| Service Description       |         | Alphanumeric | 30,0   | Text description of the pricing service associated with the usage, for example, Euro Roaming Data |
| Service Group             |         | Alphanumeric | 6,0    | The CMP Code for the group to which the service belongs, for example, USAGE                       |
| Service Group Description |         | Alphanumeric | 30,0   | Text description of the service group to which the service belongs, for example, Usage            |
| Network Serial Number     |         | Numeric      | 10,0   | Serial number of the network associated with the usage  |
| Subscription              |         | Numeric      | 7,0    | CMP subscription number   |
| Destination               |         | Alphanumeric |        | The dialled number, or for data, a text description   |
| Usage Type                |         | Numeric      |        | CMP code for the usage type   |
| Usage Type                |         | Alphanumeric |        | Text description of the usage type  |

| Column Header         | Unique? | Type         | Length | Details  |
|-----------------------|---------|--------------|--------|--|
| Description           |         |              |        |  |
| Invoice Number        |         | Numeric      |        | The number of the invoice that bills for this usage                        |
| Wholesale charge      |         | Numeric      | 11,4   | The wholesale charge of the usage, to 4 decimal places                     |
| Retail Charge         |         | Numeric      | 11,4   | The retail price of the usage, to 4 decimal places                         |
| Access Charge         |         | Numeric      | 11,4   | If there is an access charge for the usage, the amount to 4 decimal places |
| Service Charge        |         | Numeric      | 11,4   | If there is a charge for the service, the amount to 4 decimal places       |
| Actual usage units    |         | Numeric      |        | The actual amount of usage consumed, in units                              |
| Billable Usage Units  |         | Numeric      |        | The amount of usage consumed, in units, that was invoiced for              |
| Pre-paid Units        |         | Numeric      |        | The amount of prepaid usage that was consumed, in units                    |
| Pre-paid Duration     |         | Numeric      |        | The duration of the pre-paid usage   |
| Pre-paid Retail Price |         | Numeric      | 11,4   | The retail price of the pre-paid usage, to 4 decimal places                |
| Generic String1       |         | Alphanumeric |        | Generic string content   |
| Generic String2       |         | Alphanumeric |        | Generic string content   |
| Generic String3       |         | Alphanumeric |        | Generic string content   |
| Generic String4       |         | Alphanumeric |        | Generic string content   |
| Generic String5       |         | Alphanumeric |        | Generic string content   |
| Generic String6       |         | Alphanumeric |        | Generic string content   |
| Generic String7       |         | Alphanumeric |        | Generic string content   |
| Generic String8       |         | Alphanumeric |        | Generic string content   |
| Generic String9       |         | Alphanumeric |        | Generic string content   |
| Generic String10      |         | Alphanumeric |        | Generic string content   |
| Generic Integer1      |         | Numeric      |        | Generic integer content  |
| Generic Integer2      |         | Numeric      |        | Generic integer content  |
| Generic Integer3      |         | Numeric      |        | Generic integer content  |
| Generic Integer4      |         | Numeric      |        | Generic integer content  |

| Column Header                | Unique? | Type         | Length | Details   |
|------------------------------|---------|--------------|--------|---|
| Audit Timestamp              |         | Numeric      | 25,0   | The date and time of audit. YYYY-MM-DD HH:MM:SS format  |
| Audit User                   |         | Alphanumeric |        | User name of user who last changed data   |
| Usage Direction              |         | Alphanumeric | 2,0    | The code for the usage direction, either MO or MT   |
| Mobile Country Code          |         | Numeric      | 3,0    | 3-digit mobile telephone code for the country associated with the usage, for example 234 for United Kingdom |
| Country Name                 |         | Alphanumeric | 30,0   | The name of the country associated with the mobile code, e.g. Ireland for code 272                          |
| Mobile Network Operator      |         | Numeric      | 3,0    | The mobile telephone number code for the network operator associated with the usage e.g. 15 for Vodaphone   |
| Mobile Network Operator Name |         | Alphanumeric | 30,0   | The name of the network operator associated with the mobile network operator code                           |
| Discount Value               |         | Numeric      | 11,4   | The value of any discount applied to the billed usage   |
| Data Extract Date            |         | Numeric      | 7,0    | Date and time this extract was created. YYYY-MM-DD format   |

#### 4. 2. 4 Invoice Detail

Data is only considered up to midnight of the previous day. This is to ensure a common cut-off date across all Data Warehouse output.

| Column Heading               | Unique? | Type         | Length    | Details  |
|------------------------------|---------|--------------|-----------|--|
| InvoiceNumber                | Y       | Numeric      | 8,0       | CMP Invoice Number   |
| Invoice TaxDate              |         | Numeric      | 7         | Invoice date for the invoice the invoice detail line is associated with  |
| Statement Number             |         | Numeric      | 8,0       | The CMP ID number for the statement associated with this invoice   |
| AccountNumber                |         | Numeric      | 8,0       | CMP Account Number   |
| TariffCode                   |         | Alphanumeric | 6,0       | CMP Tariff Code associated with the subscription   |
| TariffDescription            |         | Alphanumeric | 30,0      | Text description of the Tariff Code associated with the subscription   |
| Servicecode                  |         | Alphanumeric | 6         | Service Code   |
| ServiceDescription           |         | Alphanumeric | 30        | CMP Service Description  |
| Service Category Code        |         | Alphanumeric | 1         | The category code for the service:<br>A= Unit<br>B = Sales Ledger<br>D = Subscription Serial Number<br>E = Invoice Adjustments<br>T =Account Service<br>5 = Subscription Service<br>9 = Discount<br>F = Sales Order Processing |
| Service Category Description |         | Alphanumeric | 30,0      | The text description of the service category as represented by the category code above   |
| Sales Ledger Adjustment      |         | Alphanumeric | Yes or No | Whether there is a Sales Ledger Adjustment   |
| SubscriptionNumber           |         | Numeric      | 8,0       | Subscription Number  |
| NetworkCode                  |         | Alphanumeric | 6         | Network relating to Service Code   |
| NetworkDescription           |         | Alphanumeric | 30        | CMP Network Description  |

| Column Heading              | Unique? | Type         | Length | Details  |
|-----------------------------|---------|--------------|--------|--|
| TotalNumberofCalls          |         | Numeric      | 5,0    | Number of Calls Invoiced   |
| TotalDuration               |         | Numeric      | 9,0    | Duration of Calls Invoiced   |
| TotalServiceUnits           |         | Numeric      | 11,0   | Number of units Invoiced   |
| IdChargeStartDate           |         | Numeric      | 7,0    | Service Charge Start Date<br>YYYY-MM-DD format   |
| IdChargeEndDate             |         | Numeric      | 7,0    | Service Charge End Date<br>YYYY-MM-DD format   |
| IDNetAmount                 |         | Numeric      | 11,2   | Net Amount of Invoice Line,<br>positive or negative                                    |
| IDTaxAmount                 |         | Numeric      | 13,4   | VAT Amount of Invoice Line,<br>positive or negative                                    |
| ChargeTaxCode               |         | Alphanumeric | 10     | Charged Tax Code   |
| Charge TaxDescription       |         | Alphanumeric | 30     | CMP Description of Charge Tax<br>Code  |
| taxRate                     |         | Numeric      | 5,2    | Charged Tax Rate   |
| ChargetoNominal Code        |         | Alphanumeric | 29     | Nominal Code   |
| ChargetoNominal Description |         | Alphanumeric | 30     | Description associated with the<br>Charge to Nominal Code                              |
| IDLineComment1              |         | Alphanumeric | 78     | Free text field 1  |
| IDLineComment2              |         | Alphanumeric | 78     | Free text field 2  |
| IDLineComment3              |         | Alphanumeric | 78     | Free text field 3  |
| PaymentType                 |         | Alphanumeric | 6      | Code identifying the payment<br>type the customer was on at the<br>time of the invoice |
| PaymentTypeDescription      |         | Alphanumeric | 30     | Description of the payment type<br>the customer was on at the time<br>of the invoice   |
| DateTimeCreated             |         | Numeric      | 7,0    | Date Invoice Created in CMP<br>YYYY-MM-DD HH:MM:SS<br>format                           |
| DateTimeChanged             |         | Numeric      | 7,0    | Date record changed in CMP.<br>YYYY-MM-DD HH:MM:SS<br>format                           |

| Column Heading      | Unique? | Type         | Length | Details  |
|---------------------|---------|--------------|--------|--|
| CreatedbyDISEUserID |         | Alphanumeric | 10     | User ID of user who created the record                             |
| ChangedByDISEUserID |         | Alphanumeric | 10     | User ID of user who created the record                             |
| DateExtractDate     |         | Numeric      | 7,0    | Date that the data above was extracted from CMP. YYYY-MM-DD format |

#### 4.2.5 Payment Details Analytics

Data is only considered up to midnight of the previous day. This is to ensure a common cut-off date across all Data Warehouse output.

| Column Heading             | Unique? | Type         | Length | Details  |
|----------------------------|---------|--------------|--------|--|
| Account Number             | Y       | Numeric      | 8,0    | CMP Account Number   |
| Payment Identifier         | Y       | Numeric      |        | ID number of the payment   |
| Payment Amount             |         | Numeric      | 11,2   | Amount of payment, to 2 decimal places   |
| Payment Date Time          |         | Numeric      | 25,0   | Date and time that payment was processed. YYYY-MM-DD HH:MM:SS format                 |
| Payment Status             |         | Alphanumeric | 1      | Status of the payment, for example, S=Success  |
| Payment Status Description |         | Alphanumeric | 25     | Description of the Payment Status, for example, Success                              |
| Payment Type               |         | Alphanumeric | 6      | Payment type code associated with the payment, for example, MANUAL                   |
| Reason Code                |         | Alphanumeric | 4      | Reason code associated with the payment, for example, SET                            |
| Reason Description         |         | Alphanumeric | 30     | Text Description of the Reason Code, for example, Settled                            |
| Payment Source             |         | Alphanumeric | 1      | Code for the payment source, for example, O=Online Payment, B = Prepaid Balance      |
| Payment Source Description |         | Alphanumeric | 30, 0  | Text description of the payment source, for example, Online Payment, Prepaid Balance |
| External Reference         |         | Alphanumeric | 15,0   | Reference number for payment used by external third party                            |
| SPUniqueIdentifier         |         | Alphanumeric | 10,0   | Unique identifier for the SP   |
| AuditTimestamp             |         | Numeric      | 25,0   | Date and time of audit. YYYY-MM-DD HH:MM:SS format                                   |
| Error Code                 |         | Alphanumeric | 4      | If applicable, the error code associated with a payment error                        |
| Error Description          |         | Alphanumeric | 30     | If applicable, the description of the error associated with the payment              |
| Data Extract Date          |         | Numeric      | 7,0    | Date that the data above was extracted from CMP. YYYY-MM-DD format                   |

## 4.2.6 Prepaid Usage

Data is only considered up to midnight of the previous day. This is to ensure a common cut-off date across all Data Warehouse output.

| Column Heading                 | Unique? | Type         | Length | Details  |
|--------------------------------|---------|--------------|--------|--|
| Prepaid Usage Identifier       | Y       | Numeric      |        | The ID number of the prepaid usage   |
| Usage Date Time                |         | Numeric      | 25,0   | The date and time of the prepaid usage. YYYY-MM-DD HH:MM:SS format   |
| Usage Processed Date Time      |         | Numeric      | 25,0   | The date and time that the prepaid usage was processed. YYYY-MM-DD HH:MM:SS format                             |
| Usage External Identifier      |         | Alphanumeric |        | The reference used by an external third party to identify the prepaid usage, for example, MEF:1594969511695:87 |
| Network Code                   |         | Alphanumeric | 6,0    | The CMP code for the network associated with the usage, e.g. OCS   |
| Usage Class                    |         | Alphanumeric | 12,0   | CMP code for the usage class, for example, DOMDATA   |
| Usage Class Description        |         | Alphanumeric | 30,0   | Text description of the Usage Class code, for example, Domestic Data   |
| Company Number                 |         | Alphanumeric | 3      | The numerical ID of the company  |
| Service Code                   |         | Alphanumeric | 6,0    | CMP Code for the pricing service associated with the usage, for example, EUDATA                                |
| Service Code Description       |         | Alphanumeric | 30,0   | Text description of the pricing service associated with the usage, for example, Euro Roaming Data              |
| Service Group Code             |         | Alphanumeric | 6      | The CMP Code for the group to which the service belongs, for example, USAGE                                    |
| Service Group Code Description |         | Alphanumeric | 30     | Text description of the service group to which the service belongs, for example, Usage                         |
| Network Serial Number          |         | Alphanumeric | 25     | As stored in CMP. Typically a mobile number or landline CLI as stored in Managed Serial Number 1.0             |
| Subscription Number            |         | Numeric      | 8      | CMP Subscription number  |

| Column Heading                                       | Unique? | Type         | Length | Details  |
|--|---------|--------------|--------|--|
| Destination  |         |              |        |  |
| Usage Type   |         | Alphanumeric |        | CMP code for the usage type  |
| Usage Type Description                               |         | Alphanumeric |        | Text description of the usage type                                 |
| Wholesale Charge                                     |         | Numeric      | 11, 4  | Wholesale price of the usage                                       |
| Retail Charge  |         | Numeric      | 11, 4  | Retail price   |
| Access Charge  |         | Numeric      | 11, 4  | Monetary value of access charge                                    |
| Service Charge                                       |         | Numeric      | 11, 4  | Monetary value of service charge                                   |
| Actual Usage Units                                   |         | Numeric      | 7,0    | Actual units of usage consumed                                     |
| Billable Usage Units                                 |         | Numeric      | 7,0    | Billable units of usage  |
| Generic String 1 -<br>Generic String 10 (10 columns) |         | Alphanumeric |        | Generic String values  |
| Generic Integer 1 -<br>Generic Integer 4 (4 columns) |         | Integer      |        | Generic Integer values   |
| Audit Timestamp                                      |         | Numeric      | 25,0   | YYYY-MM-DD HH:MM:SS format   |
| Audit User   |         | Alphanumeric | 50     | ID of user who changed the record                                  |
| Data Extract Date                                    |         | Numeric      | 7,0    | Date that the data above was extracted from CMP. YYYY-MM-DD format |

### 4. 2. 7 Purchase Analytics

Data is only considered up to midnight of the previous day. This is to ensure a common cut-off date across all Data Warehouse output.

| Column Heading            | Unique? | Type         | Length | Details  |
|---------------------------|---------|--------------|--------|--|
| Purchase Identifier       | Y       | Numeric      |        | The ID number of the purchase  |
| Account Number            | Y       | Numeric      | 8,0    | CMP Account Number   |
| Purchase Timestamp        |         | Numeric      | 25,0   | The date and time of the purchase. DD-MM-YYYY HHMMSS format  |
| Purchase Status           |         | Char         | 10,0   | The status of the purchase: <ul style="list-style-type: none"> <li>• COMPLETE</li> <li>• INPROGRESS</li> <li>• ERROR</li> </ul>  |
| Purchase Type             |         | Alphanumeric | 8,0    | The type of purchase, for example: <ul style="list-style-type: none"> <li>• PREPAID</li> <li>• POSTPAID</li> <li>• BALANCE</li> </ul>  |
| Salesperson Number        |         | Numeric      | 8,0    | Numeric ID of the salesperson who processed the purchase   |
| Salesperson Name          |         | Alphanumeric | 50, 0  | The name of the salesperson  |
| Sales Channel Code        |         | Alphanumeric | 6,0    | The code of the sales channel  |
| Sales Channel Description |         | Alphanumeric | 30,0   | Text description of the sales channel  |
| Reason Code               |         | Alphanumeric | 4,0    | The code for the reason for the purchase   |
| Event Number              |         | Numeric      | 9,0    | The number of the workflow event for the purchase  |
| Receipt Requested         |         | Char         | 5      | Whether a receipt was requested. Either TRUE or FALSE  |
| Customer Level            |         | Alphanumeric | 1      | The level at which the info is stored and the level description:GROUP, CORPORATE, ACCOUNT, SUBSCRIPTION or AGREEMENT   |
| Customer Reference        |         | Alphanumeric | 60,0   | Unique reference for the customer. This is tied to the Customer Level, for example, if the customer level is Account, the reference is the CMP Account Number; if the level is Subscription, the reference is the Subscription Number, and so on |
| Product Type              |         | Alphanumeric | 7      | Whether the product is a bolt-on, top-up   |

| Column Heading           | Unique? | Type         | Length | Details   |
|--------------------------|---------|--------------|--------|---|
|                          |         |              |        | or voucher-based top-up package. Currently only the <i>Package</i> product type is supported                |
| Product Code             |         | Alphanumeric | 6,0    | The CMP product code. If the purchase is a voucher top-up, the product code will contain the voucher number |
| Product Code Description |         | Alphanumeric | 30,0   | The description of the product. This is also the voucher number   |
| Audit User               |         | Alphanumeric | 50     | ID of user who changed the record   |
| Audit Process            |         | Alphanumeric | 12     | The CMP code for the process that last changed the record, e.g. ADDPURCHS                                   |
| Audit Timestamp          |         | Numeric      | 25,0   | Date/time the record changed in CMP. YYYY-MM-DD HH:MM:SS format   |
| Data Extract Date        |         | Numeric      | 7,0    | Date that the data above was extracted from CMP. YYYY-MM-DD format  |

## 4.2.8 Statement Analytics

| Column Header                     | Unique? | Type         | Length | Details   |
|-----------------------------------|---------|--------------|--------|---|
| Statement Number                  | Yes     | Numeric      | 8      | The CMP ID number for the statement   |
| Group Code                        |         | Alphanumeric | 6      | The CMP code for the group associated with the statement                                      |
| Corporate Code                    |         | Alphanumeric | 6      | The CMP code the corporate associated with the statement                                      |
| Statement Date                    |         | Numeric      | 10     | The date on the statement in DD/MM/YYYY format  |
| Account Number                    |         | Numeric      | 8      | The CMP account number associated with the statement  |
| Total Statement Invoices          |         | Numeric      | 8      | The total of invoices associated with the statement   |
| Total Debits This Statement       |         | Numeric      | 11,2   | The monetary total of all debits in the statement, to two decimal places                      |
| Total Credits This Statement      |         | Numeric      | 11,2   | The monetary total of all credits in the statement, to two decimal places                     |
| Total Transactions This Statement |         | Numeric      | 11,2   | The total number of transactions in the statement   |
| Opening Balance                   |         | Numeric      | 11,2   | The opening monetary balance of the statement, to two decimal places                          |
| Closing Balance                   |         | Numeric      | 11,2   | The closing monetary balance of the statement, to two decimal places                          |
| Previous Closing Balance          |         | Numeric      | 11,2   | The closing balance for the statement before this one for the customer, to two decimal places |
| Date Created                      |         | Numeric      | 7,0    | The date the extract was created. YYYY-MM-DD format   |
| Created By                        |         | Alphanumeric | 10     | User ID of user who created the record  |
| Date Changed                      |         | Numeric      | 7,0    | The date the extract was last changed. YYYY-MM-DD format                                      |
| Changed By                        |         | Alphanumeric | 10     | User ID of user who last changed the record   |
| Data Extract Date                 |         | Numeric      | 7,0    | Date that the data above was extracted from CMP. YYYY-MM-DD format                            |

### 4.2.9 Subscription Analytics

Data is only considered up to midnight of the previous day. This is to ensure a common cut-off date across all Data Warehouse output.

| Column Heading          | Unique? | Type         | Length | Details   |
|-------------------------|---------|--------------|--------|---|
| Subscription Number     | Y       | Numeric      | 8,0    | CMP Subscription Number   |
| User Name               |         | Alphanumeric | 50,0   | CMP Subscription Username   |
| Account Number          |         | Numeric      | 8,0    | CMP Account Number  |
| Company Number          |         | Alphanumeric | 3      | CMP Company Number  |
| Agreement Number        |         | Numeric      | 8,0    | CMP Agreement Number  |
| Group Code              |         | Alphanumeric | 6,0    | CMP Group Code  |
| Group Description       |         | Alphanumeric | 30,0   | Text description of the CMP Group Code  |
| Corporate Code          |         | Alphanumeric | 6,0    | CMP Corporate Code  |
| Corporate Description   |         | Alphanumeric | 30,0   | Text description of the Corporate Code  |
| Price Plan Code         |         | Alphanumeric | 6,0    | CMP Price Plan Code associated with the subscription, for example, PAYG                                   |
| Price Plan Description  |         | Alphanumeric | 30,0   | Text description of the Price Plan Code associated with the subscription, for example, Pay As You Go Plan |
| Tariff Code             |         | Alphanumeric | 6,0    | CMP Tariff Code associated with the subscription  |
| Tariff Description      |         | Alphanumeric | 30,0   | Text description of the Tariff Code associated with the subscription                                      |
| Package Code            |         | Alphanumeric | 6,0    | CMP Package Code associated with the subscription , for example, PAYG                                     |
| Package Description     |         | Alphanumeric | 30,0   | Text description of the Package Code associated with the subscription, e.g. Pay As You Go Base Package    |
| Network Code            |         | Alphanumeric | 6,0    | CMP Network Code for network associated with the subscription   |
| Network Description     |         | Alphanumeric | 30,0   | Text description of the CMP Network Code associated with the subscription                                 |
| Network Serial Number 1 |         | Alphanumeric | 25     | As stored in CMP. Typically a mobile number or landline CLI as stored in Managed Serial Number 1          |
| Network Serial Number 2 |         | Alphanumeric | 25     | This value varies by CMP implementation/environment. In mobile imple-                                     |

| Column Heading               | Unique? | Type         | Length | Details  |
|------------------------------|---------|--------------|--------|--|
|                              |         |              |        | mentations this is typically a SIM related serial number   |
| Network Serial Number 3      |         | Alphanumeric | 25     | This value varies by CMP implementation/environment. In mobile implementations this is typically a SIM related serial number |
| Network Serial Number 4      |         | Alphanumeric | 25     | This value varies by CMP implementation/environment. In mobile implementations this is typically a SIM related serial number |
| Network Serial Number 5      |         | Alphanumeric | 25     | This value varies by CMP implementation/environment  |
| Delivery Address Name        |         | Alphanumeric | 40     | The name for the delivery address in CMP   |
| Address Line 1               |         | Alphanumeric | 40     | As stored in CMP   |
| Address Line 2               |         | Alphanumeric | 40     | As stored in CMP   |
| Address Line 3               |         | Alphanumeric | 40     | As stored in CMP   |
| Address Line 4               |         | Alphanumeric | 40     | As stored in CMP   |
| Address Line 5               |         | Alphanumeric | 40     | As stored in CMP   |
| Post Code                    |         | Alphanumeric | 10     | As stored in CMP   |
| Connected Date               |         | Numeric      | 25,0   | Date Connected in CMP. YYYY-MM-DD format   |
| Disconnected Date            |         | Numeric      | 25,0   | Date Disconnected in CMP. YYYY-MM-DD format. "0" if not disconnected   |
| Subscription Status          |         | Alphanumeric | 6,0    | First, Normal, Final   |
| Connected Reason             |         | Alphanumeric | 4,0    | Reason the Sub was Connected (Code), for example, CR   |
| Connected Reason Description |         | Alphanumeric | 30,0   | Reason the Sub was Connected (Text Description), for example, Customer Request   |
| Disconnection Reason         |         | Alphanumeric | 4,0    | Reason the Sub was Disconnected (Code)   |

| Column Heading                   | Unique? | Type         | Length | Details  |
|----------------------------------|---------|--------------|--------|--|
| Disconnection Reason Description |         | Alphanumeric | 30,0   | Reason the Sub was Disconnected (Description)                      |
| Contract Start Date              |         | Numeric      | 25,0   | Contract Start Date in CMP. YYYY-MM-DD format                      |
| Contract Expiry Date             |         | Numeric      | 25,0   | Contract Start Date in CMP. YYYY-MM-DD format                      |
| Contract Term                    |         | Numeric      | 3,0    | Contract term (months)   |
| Contract Number                  |         | Alphanumeric | 12     | Contract Number for Agreement                                      |
| Date of Birth                    |         | Numeric      | 25,0   | YYYY-MM-DD format  |
| Date Time Created                |         | Numeric      | 25,0   | Date record created in CMP. YYYY-MM-DD HH:MM:SS format             |
| Created By                       |         | Alphanumeric | 10     | User ID of user who created the record                             |
| Date Time Changed                |         | Numeric      | 25,0   | Date record changed in CMP. YYYY-MM-DD HH:MM:SS format             |
| Changed By                       |         | Alphanumeric | 10     | User ID of user who last changed the record                        |
| Salesperson Number               |         | Numeric      | 8,0    | Numeric ID of the salesperson who processed the purchase           |
| Salesperson Name                 |         | Alphanumeric | 50, 0  | The name of the salesperson  |
| Data Extract Date                |         | Numeric      | 7,0    | Date that the data above was extracted from CMP. YYYY-MM-DD format |

## 4. 2. 10Subscription Features

Data is only considered up to midnight of the previous day. This is to ensure a common cut-off date across all Data Warehouse output.

| Column Heading           | Unique? | Type         | Length | Details   |
|--------------------------|---------|--------------|--------|---|
| Subscription Number      | Y       | Numeric      | 8,0    | CMP Subscription Number   |
| Feature Code             | Y       | Alphanumeric | 6,0    | Unique CMP code for the feature, for example, LOSTBR                  |
| Feature Description      |         | Alphanumeric | 30, 0  | Text description of the CMP feature code, for example, Lost Phone Bar |
| Feature Enabled          |         | Numeric      | 1      | Whether the feature is enabled. Either 1=Yes or 0=No                  |
| Feature Barred           |         | Numeric      | 1      | Whether the feature is enabled. Either 1=Yes or 0=No                  |
| Feature Activity Pending |         | Numeric      | 1      | Is any activity pending for the feature? Either 1=Yes or 0=No         |
| Date Time Created        |         | Numeric      | 25,0   | Date record created in CMP. YYYY-MM-DD HH:MM:SS format                |
| Created By               |         | Alphanumeric | 10     | User ID of user who created the record                                |
| Date Time Changed        |         | Numeric      | 7,0    | Date record changed in CMP. YYYY-MM-DD HH:MM:SS format                |
| Changed By               |         | Alphanumeric | 10     | User ID of user who created the record                                |
| Data Extract Date        |         | Numeric      | 7,0    | Date that the data above was extracted from CMP. YYYY-MM-DD format    |

## 4. 2. 11 Subscription Service

Data is only considered up to midnight of the previous day. This is to ensure a common cut-off date across all Data Warehouse output.

| Column Heading                      | Unique? | Type         | Length | Details   |
|-------------------------------------|---------|--------------|--------|---|
| Subscription Number                 | Y       | Numeric      | 8,0    | CMP Subscription Number   |
| Company Number                      | Y       | Alphanumeric | 3,0    | CMP Company Number  |
| Service Code                        | Y       | Alphanumeric | 6,0    | CMP Service Code, for example, LINECH   |
| Service Description                 |         | Alphanumeric | 30,0   | Text description of the Service Code, for example, Line Charge                                    |
| Subscription Service Effective Date | Y       | Numeric      | 25,0   | The date and time from which the service is effective. YYYY-MM-DD HH:MM:SS format                 |
| Package Code                        |         | Alphanumeric | 6,0    | CMP Package Code, for example, PAYG   |
| Package Code Description            |         | Alphanumeric | 30,0   | Text description of Package Code, e.g. Pay As You Go Base Package                                 |
| Recurring Charge                    |         | Alphanumeric | 1,0    | Either 1=Yes or 0=No  |
| Price Number of Days                |         | Numeric      | 3,0    | How many days the service charge covers   |
| Price Number of Months              |         | Numeric      | 3,0    | How many months the service charge covers   |
| Subscription Service Expiry Date    |         | Numeric      | 25,0   | The date and time that the subscription service expires, if populated. YYYY-MM-DD HH:MM:SS format |
| Service Price                       |         | Numeric      | 11,2   | Price to 2 decimal places, positive or negative   |
| Invoiced Up To Date                 |         | Numeric      | 25,0   | Date the service is invoiced up to. YYYY-MM-DD HH:MM:SS format .                                  |
| Invoice this Service                |         | Alphanumeric | 1      | Either 1=Yes or 0=No  |
| Billing Offset                      |         | Numeric      | 2,0    | 1 = Monthly , 3 = Quarterly, 12 =Yearly, and so on  |
| Date Time Created                   |         | Numeric      | 25,0   | Date and time the record was created in CMP. YYYY-MM-DD HH:MM:SS format                           |
| Created By                          |         | Alphanumeric | 10     | User ID of user who created the record  |
| Date Time Changed                   |         | Numeric      | 25,0   | Date and time the record was last changed in CMP. YYYY-MM-DD                                      |

| Column Heading    | Unique? | Type         | Length | Details   |
|-------------------|---------|--------------|--------|---|
|                   |         |              |        | HH:MM:SS format   |
| Changed By        |         | Alphanumeric | 10     | User ID of user who changed the record                                      |
| Data Extract Date |         | Numeric      | 7,0    | Date and time that the data above was extracted from CMP. YYYY-MM-DD format |

## 4. 2. 12Transaction Detail Analytics

Data is only considered up to midnight of the previous day. This is to ensure a common cut-off date across all Data Warehouse output.

| Column Heading           | Unique? | Type         | Length | Details   |
|--------------------------|---------|--------------|--------|---|
| Transaction Identifier   | Y       | Numeric      |        | ID number of the transaction  |
| Transaction Type         |         | Alphanumeric | 8,0    | CMP Code for the transaction type   |
| Transaction Reference    |         | Numeric      |        | Reference number for transaction  |
| Transaction Date         |         | Numeric      | 25,0   | Batch Date and Time in CMP. YYYY-MM-DD format                                 |
| Remark                   |         | Alphanumeric | 30     | Description of payment or comment, for example "DD Payment"                   |
| Account Number           | Y       | Numeric      | 8,0    | CMP Account Number  |
| Gross Amount             |         | Numeric      | 11,2   | Gross amount of the transaction, to 2 decimal places, positive or negative    |
| Statement Reference      |         | Numeric      |        | Reference number for statement associated with the transaction                |
| External Reference       |         | Numeric      |        | External reference for the transaction used by third parties                  |
| Reason                   |         | Numeric      | 6,0    | Reason code for the transaction   |
| General Ledger Reference |         | Alphanumeric |        | Reference to transaction that appears in the General Ledger                   |
| Audit Timestamp          |         | Numeric      | 25,0   | Date and time that the record was produced in CMP. YYYY-MM-DD HH:MM:SS format |
| Audit User               |         | Alphanumeric | 50     | ID of user who changed the record   |
| Data Extract Date        |         | Numeric      | 7,0    | Date and time that the data above was extracted from CMP. YYYY-MM-DD format   |

## 4.2. 13Unbilled Usage Analytics

Data is only considered up to midnight of the previous day. This is to ensure a common cut-off date across all Data Warehouse output.

| Column Header           | Unique? | Type         | Length | Details   |
|-------------------------|---------|--------------|--------|---|
| Subscription            | Y       | Numeric      | 7,0    | CMP number for the subscription associated with the usage   |
| Usage Date Time         |         | Numeric      | 25,0   | The date and time the usage took place. YYYY-MM-DD HH:MM:SS format                                |
| Network Code            |         | Alphanumeric | 6,0    | CMP code for the network  |
| Usage Class             |         | Alphanumeric | 12,0   | CMP code for the usage class, for example, DOMDATA  |
| Usage Class Description |         | Alphanumeric | 30,0   | Text description of the Usage Class code, for example, Domestic Data                              |
| Company Number          |         | Numeric      | 3      | CMP ID number for the company   |
| Service Code            |         | Alphanumeric | 6,0    | CMP Code for the pricing service associated with the usage, for example, EUDATA                   |
| Service Description     |         | Alphanumeric | 30,0   | Text description of the pricing service associated with the usage, for example, Euro Roaming Data |
| Network Serial Number   |         | Numeric      | 10,0   | Serial number of the network associated with the usage  |
| Destination             |         | Numeric      |        | The dialled number  |
| Actual Usage Units      |         | Numeric      |        | The actual amount of usage consumed, in units   |
| Billed Usage Units      |         | Numeric      |        | The amount of usage consumed, in units, that was invoiced for.                                    |
| Wholesale Charge        |         | Numeric      | 11,4   | The wholesale charge of the usage to 4 decimal places.  |
| Retail Charge           |         | Numeric      | 11,4   | The retail price of the usage to 4 decimal places.  |
| Usage Status            |         | Alphanumeric |        | The status of the usage   |
| Usage Type              |         | Numeric      | 1      | CMP code for the usage type   |
| Usage Type Description  |         | Alphanumeric | 30,0   | Text description of the usage type  |
| Service Group           |         | Alphanumeric | 6,0    | The CMP Code for the group to which the service belongs, for example, USAGE                       |

| Column Header                | Unique? | Type         | Length | Details   |
|------------------------------|---------|--------------|--------|---|
| Service Group Description    |         | Alphanumeric | 30,0   | Text description of the service group to which the service belongs, for example, Usage                            |
| Display on Invoice?          |         | Alphanumeric |        | Whether to display the usage on the bill  |
| Pre-paid Units               |         | Numeric      |        | The amount of prepaid usage that was consumed, in units   |
| Pre-paid Duration            |         | Numeric      |        | The duration of the pre-paid usage  |
| Pre-paid Retail Price        |         | Numeric      | 11,4   | The retail price of the pre-paid usage, the amount to 4 decimal places  |
| Usage Processed Date Time    |         | Numeric      | 12,0   | The date and time the usage records were processed. YYYY-MM-DD HH:MM:SS format                                    |
| Access Charge                |         | Numeric      | 11,4   | If there is an access charge for the usage, the amount to 4 decimal places  |
| Service Charge               |         | Numeric      | 11,4   | If there is a charge for the service, the amount to 4 decimal places  |
| Usage Direction              |         | Alphanumeric | 2,0    | The code for the usage direction, either MO or MT   |
| Mobile Country Code          |         | Numeric      | 3,0    | 3-digit mobile telephone code for the country associated with the usage, for example 234 for United Kingdom       |
| Country Name                 |         | Alphanumeric | 30,0   | The name of the country associated with the mobile code, for example, Ireland for code 272                        |
| Mobile Network Operator      |         | Numeric      | 3,0    | The mobile telephone number code for the network operator associated with the usage, for example, 15 for Vodafone |
| Mobile Network Operator Name |         | Alphanumeric | 30,0   | The name of the network operator associated with the mobile network operator code                                 |
| Audit Timestamp              |         | Numeric      | 25,0   | The date and time of audit. YYYY-MM-DD HH:MM:SS format  |
| Audit User                   |         | Alphanumeric |        | User name of user who last changed data   |
| Discount Value               |         | Numeric      | 11,4   | The value of any discount applied to the unbilled usage   |
| Data Extract Date            |         | Numeric      | 7,0    | Date and time this extract was created. YYYY-MM-DD format   |

## 4. 2. 14Unallocated Usage Analytics

| Column Heading                   | Unique? | Type         | Length | Details  |
|----------------------------------|---------|--------------|--------|--|
| Batch Identifier                 | Y       | Numeric      |        | ID number for the batch job  |
| Detail Sequence                  |         | Numeric      | 1,0    |  |
| Usage Type                       |         | Numeric      | 1      | CMP code for the usage type  |
| Usage Type Description           |         | Alphanumeric | 30,0   | Text description of the usage type   |
| Usage Date Time                  |         | Numeric      | 25,0   | The date and time the usage took place. YYYY-MM-DD HH:MM:SS format         |
| Subscription Number              |         | Numeric      | 7,0    | CMP number for the subscription associated with the usage                  |
| Network Serial Number            |         | Numeric      | 10,0   | Serial number of the network associated with the usage                     |
| Dialled Number                   |         | Alphanumeric | 18     | Dialled Number   |
| Actual usage units               |         | Numeric      |        | The actual amount of usage consumed, in units                              |
| Billable Usage Units             |         | Numeric      |        | The amount of usage consumed, in units, that can be invoiced for           |
| Usage Classification             |         | Alphanumeric | 12,0   | CMP code for the usage class, for example, DOMDATA                         |
| Usage Classification Description |         | Alphanumeric | 30,0   | Text description of the Usage Class code, for example, Domestic Data       |
| Wholesale charge                 |         | Numeric      | 11,4   | The wholesale charge of the usage, to 4 decimal places.                    |
| Retail Charge                    |         | Numeric      | 11,4   | The retail price of the usage, to 4 decimal places.                        |
| Access Retail Charge             |         | Numeric      | 11,4   | If there is an access charge for the usage, the amount to 4 decimal places |
| Service Retail Charge            |         | Numeric      | 11,4   | If there is a charge for the service, the amount to 4 decimal places       |
| Audit Timestamp                  |         | Numeric      | 25,0   | The date and time of audit. YYYY-MM-DD HH:MM:SS format                     |
| Audit User                       |         | Alphanumeric |        | User name of user who last changed data                                    |
| Data Extract Date                |         | Numeric      | 7,0    | Date and time this extract was cre-  |

| Column Heading | Unique? | Type | Length | Details                 |
|----------------|---------|------|--------|-------------------------|
|                |         |      |        | ated. YYYY-MM-DD format |