

MYBILL

Download Specification

March 2020



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1. Overview:

VMB MyBill (based on CTIG's Analysis 8) contains a Download tab. This tab allows end users to download a number of documents, including

- Data Exports (4x predefined data documents)
- Invoices / Credit Notes
- Unbilled Download
- Account Download

This document describes each of these downloads, providing a basic specification for each one.

2. Data Exports

These are three pre-defined data documents:

- Usage Download
- Short Dialling Number Summary
- Long Dialling Number Summary
- Cost Centre

Each one share the following general specification:

- File Type = CSV (comma separated values)
- CSV Separator = comma (,) or semi-colon (;) – user choice when generating
- Text Qualifier = quote (") or single quote (') – user choice when generating (*only available when Improve Excel compatibility is off*)

2.1 Usage Download:

- File Name = CorporateID_ReportID_DateTimeCreated.csv
- Where DateTimeCreated is in the format yyyyMMddHHmmss
- For example: 12345_142_20120103133141.csv

The following fields are available in the download:

Name	Type*	Formatting (if applicable)	Max Length / Size (if applicable)
Account	Text		60 chars
Sub-Account	Text		50 chars
Group Code	Text		20 chars
Group Name	Text		64 chars
Dialling Number	Text		18 chars
Dialling Number Label	Text		50 chars
Dialled Number	Text		18 chars
Dialled Destination	Text		64 chars
Area Code	Text		10 chars

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Call Date	Text	dd-mmm-yy	
Call Time	Text	hh:mm:ss	
Destination Category	Text		50 chars
Duration	Text	hh:mm:ss	
Cost Actual	Text	£0.0000	4 decimal places
Billed Currency	Text	Currency Symbol, e.g. £	
Data (bytes)	Text	Whole Number	
Multiplay	Text		20 chars
Transmission Type	Text		20 chars
Bundle	Text	In Bundle / Not in Bundle	
Events	Text	Whole Number	

* As the file is a CSV all the fields contained are of the type "text". Any specific formatting is detailed in the "Formatting" column

2.2 Short Dialling Number Summary:

- File Name = CorporateID_ReportID_ DateTimeCreated.csv
- Where DateTimeCreated is in the format yyyyMMddHHmmss
- For example: 12345_142_20120103133141.csv

The following fields are available in the download:

Name	Type*	Formatting (if applicable)	Max Length / Size
Account	Text		60 chars
Sub Account	Text		50 chars
Group Code	Text		20 chars
Group Name	Text		64 chars
Dialling Number	Text		18 chars
Dialling Number Label	Text		50 chars
Total Charges	Text	£0.00	2 decimal places
Adjustments Charge	Text	£0.00	2 decimal places
Adjustments Volume	Text	Whole Number	
Rentals Charge	Text	£0.00	2 decimal places
Rentals Volume	Text	Whole Number	
One-offs Charge	Text	£0.00	2 decimal places
One-offs Volume	Text	Whole Number	
Discounts Charge	Text	£0.00	2 decimal places
Discounts Volume	Text	Whole Number	
Usage Charge	Text	£0.00	2 decimal places
Usage Volume	Text	Whole Number	
Other Charge	Text	£0.00	2 decimal places
Other Volume	Text	Whole Number	

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VAT Charge	Text	£0.00	2 decimal places
VAT Volume	Text	Whole Number	
International Charge Actual	Text	£0.0000	4 decimal places
International Volume	Text	Whole Number	
International Events	Text	Whole Number	
International Mobile Charge Actual	Text	£0.0000	4 decimal places
International Mobile Volume	Text	Whole Number	
International Mobile Events	Text	Whole Number	
International Mobile Data Volume	Text	Whole Number	
International Other Charge Actual	Text	£0.0000	4 decimal places
International Other Volume	Text	Whole Number	
International Other Events	Text	Whole Number	
International Other Data Volume	Text	Whole Number	
National Charge Actual	Text	£0.0000	4 decimal places
National Volume	Text	Whole Number	
National Events	Text	Whole Number	
National Data Volume	Text	Whole Number	
Non-geo Charge Actual	Text	£0.0000	4 decimal places
Non-geo Volume	Text	Whole Number	
Non-geo Events	Text	Whole Number	
Non-geo Data Volume	Text	Whole Number	
Local Charge Actual	Text	£0.0000	4 decimal places
Local Volume	Text	Whole Number	
Local Events	Text	Whole Number	
Local Data Volume	Text	Whole Number	
Mobile Charge Actual	Text	£0.0000	4 decimal places
Mobile Volume	Text	Whole Number	
Mobile Events	Text	Whole Number	
Mobile Data Volume	Text	Whole Number	
Other Charge Actual	Text	£0.0000	4 decimal places
Other Volume	Text	Whole Number	
Other Events	Text	Whole Number	
Other Data Volume	Text	Whole Number	
Premium Rate Services Charge Actual	Text	£0.0000	4 decimal places
Premium Rate Services Volume	Text	Whole Number	
Premium Rate Services Events	Text	Whole Number	
Premium Rate Settings Data Volume	Text	Whole Number	
Bandwidth	Text		50 chars
Description	Text		64 chars

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A End Address Line 1	Text		80 chars
A End Address Line 2	Text		80 chars
A End Address Line 3	Text		80 chars
A End Address Line 4	Text		80 chars
A End Address Line 5	Text		80 chars
A End Address Line 6	Text		80 chars
A End Address Line 7	Text		80 chars
A End Post Code	Text		30 chars
B End Address Line 1	Text		80 chars
B End Address Line 2	Text		80 chars
B End Address Line 3	Text		80 chars
B End Address Line 4	Text		80 chars
B End Address Line 5	Text		80 chars
B End Address Line 6	Text		80 chars
B End Address Line 7	Text		80 chars
B End Post Code	Text		30 chars

* As the file is a CSV all the fields contained are of the type "text". Any specific formatting is detailed in the "Formatting" column.

2.3 Long Dialling Number Summary:

- File Name = CorporateID_ReportID_ DateTimeCreated.csv
- Where DateTimeCreated is in the format yyyyMMddHHmmss
- For example: 12345_142_20120103133141.csv

The following fields are available in the download:

Name	Type*	Formatting (if applicable)	Max Length / Size
Account	Text		60 chars
Sub Account	Text		50 chars
Group Code	Text		20 chars
Group Name	Text		64 chars
Dialling Number	Text		18 chars
Dialling Number Label	Text		50 chars
Total Charges	Text	£0.00	2 decimal places
Adjustments Charge	Text	£0.00	2 decimal places
Adjustments Volume	Text	Whole Number	
Rentals Charge	Text	£0.00	2 decimal places
Rentals Volume	Text	Whole Number	
One-offs Charge	Text	£0.00	2 decimal places

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One-offs Volume	Text	Whole Number	
Discounts Charge	Text	£0.00	2 decimal places
Discounts Volume	Text	Whole Number	
Usage Charge	Text	£0.00	2 decimal places
Usage Volume	Text	Whole Number	
Other Charge	Text	£0.00	2 decimal places
Other Volume	Text	Whole Number	
VAT Charge	Text	£0.00	2 decimal places
VAT Volume	Text	Whole Number	
International Charge Actual	Text	£0.0000	4 decimal places
International Volume	Text	Whole Number	
International Duration	Text	hh:mm:ss	
International Events	Text	Whole Number	
International Mobile Charge Actual	Text	£0.0000	4 decimal places
International Mobile Volume	Text	Whole Number	
International Mobile Duration	Text	hh:mm:ss	
International Mobile Events	Text	Whole Number	
International Mobile Data Volume	Text	Whole Number	
International Other Charge Actual	Text	£0.0000	4 decimal places
International Other Volume	Text	Whole Number	
International Other Duration	Text	hh:mm:ss	
International Other Events	Text	Whole Number	
International Other Data Volume	Text	Whole Number	
National Charge Actual	Text	£0.0000	4 decimal places
National Volume	Text	Whole Number	
National Duration	Text	hh:mm:ss	
National Events	Text	Whole Number	
National Data Volume	Text	Whole Number	
Non-geo Charge Actual	Text	£0.0000	4 decimal places
Non-geo Volume	Text	Whole Number	
Non-geo Duration	Text	hh:mm:ss	
Non-geo Events	Text	Whole Number	
Non-geo Data Volume	Text	Whole Number	
Local Charge Actual	Text	£0.0000	4 decimal places
Local Volume	Text	Whole Number	
Local Duration	Text	hh:mm:ss	
Local Events	Text	Whole Number	
Local Data Volume	Text	Whole Number	
Mobile Charge Actual	Text	£0.0000	4 decimal places

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Mobile Volume	Text	Whole Number	
Mobile Duration	Text	hh:mm:ss	
Mobile Events	Text	Whole Number	
Mobile Data Volume	Text	Whole Number	
Other Charge Actual	Text	£0.0000	4 decimal places
Other Volume	Text	Whole Number	
Other Duration	Text	hh:mm:ss	
Other Events	Text	Whole Number	
Other Data Volume	Text	Whole Number	
Premium Rate Services Charge Actual	Text	£0.0000	4 decimal places
Premium Rate Services Volume	Text	Whole Number	
Premium Rate Services Duration	Text	hh:mm:ss	
Premium Rate Services Events	Text	Whole Number	
Premium Rate Settings Data Volume	Text	Whole Number	
Voice Charge Actual	Text	£0.0000	4 decimal places
Voice Volume	Text	Whole Number	
Voice Duration	Text	hh:mm:ss	
Data Charge Actual	Text	£0.0000	4 decimal places
Data Data Volume	Text	Whole Number	
Text Charge Actual	Text	£0.0000	4 decimal places
Text Events	Text	Whole Number	
MMS Charge Actual	Text	£0.0000	4 decimal places
MMS Events	Text	Whole Number	
Fax Charge Actual	Text	£0.0000	4 decimal places
Fax Events	Text	Whole Number	
Other Charge Actual	Text	£0.0000	4 decimal places
Other Volume	Text	Whole Number	
Other Duration	Text	hh:mm:ss	
Other Data Volume	Text	Whole Number	
Other Events	Text	Whole Number	
Bandwidth	Text		50 chars
Description	Text		64 chars
A End Address Line 1	Text		80 chars
A End Address Line 2	Text		80 chars
A End Address Line 3	Text		80 chars
A End Address Line 4	Text		80 chars
A End Address Line 5	Text		80 chars
A End Address Line 6	Text		80 chars
A End Address Line 7	Text		80 chars

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A End Post Code	Text		30 chars
B End Address Line 1	Text		80 chars
B End Address Line 2	Text		80 chars
B End Address Line 3	Text		80 chars
B End Address Line 4	Text		80 chars
B End Address Line 5	Text		80 chars
B End Address Line 6	Text		80 chars
B End Address Line 7	Text		80 chars
B End Post Code	Text		30 chars

** As the file is a CSV all the fields contained are of the type "text". Any specific formatting is detailed in the "Formatting" column.*

2.4 Charges Download:

- File Name = CorporateID_ReportID_DateTimeCreated.csv
- Where DateTimeCreated is in the format yyyyMMddHHmmss
- For example: 12345_142_20120103133141.csv

The following fields are available in the download:

Group Code	Text		20 chars
Group Name	Text		64 chars
Dialling Number	Text		18 chars
Dialling Number Label	Text		50 chars
Charge Description	Text		50 chars
Charge Type	Text		50 chars
Multiplay	Text		20 chars
Charge Start Date	Text	dd-mmm-yyyy	
Charge End Date	Text	dd-mmm-yyyy	
Charge Actual	Text	£0.0000	4 decimal places
Quantity	Text	Whole Number	
Unit Price	Text	£0.00	2 decimal places
Description	Text		50 chars
A End Address Line 1	Text		80 chars
A End Address Line 2	Text		80 chars
A End Address Line 3	Text		80 chars
A End Address Line 4	Text		80 chars
A End Address Line 5	Text		80 chars
A End Address Line 6	Text		80 chars
A End Address Line 7	Text		80 chars

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A End Post Code	Text		30 chars
B End Address Line 1	Text		80 chars
B End Address Line 2	Text		80 chars
B End Address Line 3	Text		80 chars
B End Address Line 4	Text		80 chars
B End Address Line 5	Text		80 chars
B End Address Line 6	Text		80 chars
B End Address Line 7	Text		80 chars
B End Post Code	Text		30 chars

2.5 Cost Centre:

- File Name = CorporateID_ReportID_ DateTimeCreated.csv
- Where DateTimeCreated is in the format yyyyMMddHHmmss
- For example: 12345_142_20120103133141.csv

The following fields are available in the download:

Name	Type*	Formatting (if applicable)	Max Length / Size
Company	Text		50 char
Account **	Text		60 chars
Tier 3 **	Text		64 chars
Tier 4 **	Text		64 chars
Tier 5 **	Text		64 chars
Tier 6 **	Text		64 chars
Tier 7 **	Text		64 chars
Tier 8 **	Text		64 chars
Tier 9 **	Text		64 chars
Tier 10 **	Text		64 chars
Dialling Number	Text		18 chars
Dialling Number Label	Text		50 chars
Total Charges	Text	£0.00	2 decimal places
Adjustments Charge	Text	£0.00	2 decimal places
Adjustments Volume	Text	Whole Number	
Rentals Charge	Text	£0.00	2 decimal places
Rentals Volume	Text	Whole Number	
One-offs Charge	Text	£0.00	2 decimal places
One-offs Volume	Text	Whole Number	
Discounts Charge	Text	£0.00	2 decimal places
Discounts Volume	Text	Whole Number	

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Usage Charge	Text	£0.00	2 decimal places
Usage Volume	Text	Whole Number	
Other Charge	Text	£0.00	2 decimal places
Other Volume	Text	Whole Number	
VAT Charge	Text	£0.00	2 decimal places
VAT Volume	Text	Whole Number	
International Charge Actual	Text	£0.0000	4 decimal places
International Volume	Text	Whole Number	
International Mobile Charge Actual	Text	£0.0000	4 decimal places
International Mobile Volume	Text	Whole Number	
International Other Charge Actual	Text	£0.0000	4 decimal places
International Other Volume	Text	Whole Number	
National Charge Actual	Text	£0.0000	4 decimal places
National Volume	Text	Whole Number	
Non-geo Charge Actual	Text	£0.0000	4 decimal places
Non-geo Volume	Text	Whole Number	
Local Charge Actual	Text	£0.0000	4 decimal places
Local Volume	Text	Whole Number	
Mobile Charge Actual	Text	£0.0000	4 decimal places
Mobile Volume	Text	Whole Number	
Other Charge Actual	Text	£0.0000	4 decimal places
Other Volume	Text	Whole Number	
Premium Rate Services Charge Actual	Text	£0.0000	4 decimal places
Premium Rate Services Volume	Text	Whole Number	
Bandwidth	Text		50 chars
Description	Text		50 chars
A End Address Line 1	Text		80 chars
A End Address Line 2	Text		80 chars
A End Address Line 3	Text		80 chars
A End Address Line 4	Text		80 chars
A End Address Line 5	Text		80 chars
A End Address Line 6	Text		80 chars
A End Address Line 7	Text		80 chars
A End Post Code	Text		30 chars
B End Address Line 1	Text		80 chars
B End Address Line 2	Text		80 chars
B End Address Line 3	Text		80 chars
B End Address Line 4	Text		80 chars
B End Address Line 5	Text		80 chars

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B End Address Line 6	Text		80 chars
B End Address Line 7	Text		80 chars
B End Post Code	Text		30 chars

* As the file is a CSV all the fields contained are of the type "text". Any specific formatting is detailed in the "Formatting" column.

** If the user has changed the Tier names using the Administration → Management → Tiers functionality then the names entered by the user will be shown in these columns

3. Invoices / Credit Notes

- File Type = PDF (portable document format)
- File Name = CorporateID_AccountNumber_Type_InvoiceNumber_BillDate.pdf
- Where:
 - TYPE identifies the type of invoice:
 - INV = Invoice
 - REV = Revenue Share
 - CN = Credit Note
 - BillDate is in the format yyyyMMdd
- For example: 12345_TC987654_INV_987654-123_20130101.pdf

4. Unbilled Download

Download of unbilled calls, with up to 3 months available.

- Available with either a single day or a month's worth of files in a ZIP file
- File Type = ZIP (compressed file) containing one or more CSV (comma separated values)
- CSV Separator = comma (,)
- File Name = CorporateID_AccountNumber_UnbilledDate_VM_GBP.zip|csv
- Where:
 - UnbilledDate is the date* that the unbilled file was generated from the billing system, in the format ddMMyyyy.
* Note, when the file is a whole month's worth of unbilled files then this date is the first of the month.
 - GBP is the billing currency (always GBP)
- For example:
 - 29590_700653201-001_01092013_VM_GBP.zip
 - 29590_700653201-001_01092013_VM_GBP.csv

The following fields are available in the download:

Name	Type*	Formatting (if applicable)	Max Length / Size
Company	Text		

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Area Reference	Text		
Account Number	Text		
Statement Number	Text		
Dialling Number	Text		
Call Date	Text	ddmmyyyy	
Call Time	Text	hh:mm:ss	
Dialled Number	Text		
Dialled Destination	Text		
Duration	Text		
Call Cost	Text	Decimal	
Destination Category	Text		
Time Of Day	Text		

* As the file is a CSV all the fields contained are of the type "text". Any specific formatting is detailed in the "Formatting" column.

5. Account Download

Download of account level information including charges and calls.

- Available with either a single day or a month's worth of files in a ZIP file
- File Type = ZIP (compressed file) containing a CSV (comma separated values)
- CSV Separator = comma (,)
- Zip File Name = **ADAccountNumber.zip**
- Where: AD is a Fixed String
- For example: **AD123456.zip**
- CSV File name = **AccountDownload_AccountNumber_BillDate.csv**
- Where:
 - **AccountDownload** is a Fixed String
 - **BillDate** is in the format **yyyyMMdd**
- For example: **AccountDownload_123456_20130101.zip**

Although the file is a CSV it is divided into sections, although not all headers/sections are always output (depending on the data) the table below describes the file structure:

Section	Sub-Section	Record Identifier	Row Quantity	Always Output?
File Header	N/A	H	1	Yes
Calls	Header	B	1	Yes
	Records		0 to ∞	No
Fixed Charges	Header	F	1	Yes
	Records		0 to ∞	No
Discounts	Header	D	0 to 1	No
	Records		0 to ∞	No

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5.1 File Header:

The following fields are available in the File Header section:

Name	Type*	Escape Character**	Formatting (if applicable)	Max Length / Size / Value
Record Type	Text	Double Quote	Constant	H
Account Number	Text	Double Quote		
Bill Date	Text	Double Quote	dd/mm/yyyy	
Creation Date	Text	Double Quote	dd/mm/yyyy	
Invoice Number	Text	Double Quote		
	Text	Double Quote	Constant	GBP00001
	Text	None	Constant	000.0017.5017.5017.5017.5
	Text	None	Empty Fields	30 empty fields

* As the file is a CSV all the fields contained are of the type "text". Any specific formatting is detailed in the "Formatting" column.

** The escape character specified is only placed around the fields above when that field contains a value; therefore if the field is blank, no escaping is added.

5.2 Calls Section:

The following fields are available in the Calls section:

Name	Type*	Escape Character**		Formatting (if applicable)	Max Length / Size / Value
		Header Row	Data Row		
Record Type	Text	Double Quote	Double Quote	Constant	B
Date	Text	Double Quote	Double Quote	dd/mm/yyyy	
Time	Text	Double Quote	Double Quote	hh:mm:ss	
Originating Number	Text	Double Quote	Single Quote		
Number Called	Text	Double Quote	Single Quote		
Call Type	Text	Double Quote	Double Quote		
Destination/Origin	Text	Double Quote	Double Quote		
Duration	Text	Double Quote	None	hh:mm:ss	
Amount £	Text	Double Quote	None	Decimal	Up to 4 decimal places
Time of Day	Text	Double Quote	Double Quote		
Rate Number	Text	Double Quote	Double Quote		
From Country	Text	Double Quote	Double Quote	Constant	UK
Carrier	Text	Double Quote	Double Quote	Constant	VIRGINMEDIABUSINESS
Call Type	Text	Double Quote	Double Quote		
Data Origin Flag	Text	Double Quote	Double Quote	Constant	VMB
VAT Rate	Text	Double Quote	Double Quote	Constant	1
Has Call Suspended	Text	Double Quote	Double Quote	Constant	N
Sell on Cost (pre Connection)	Text	Double Quote	None	Constant	0
Buy in Cost (pre Connection)	Text	Double Quote	None	Constant	0
Sell on Cost (Comp 1)	Text	Double Quote	None	Constant	0
Sell on Cost (Comp 2)	Text	Double Quote	None	Constant	0
Bytes	Text	Double Quote	None		
Duration Included	Text	Double Quote	None	Constant	0
Pages Downloaded	Text	Double Quote	None	Constant	0
Service Account	Text	Double Quote	Double Quote		

* As the file is a CSV all the fields contained are of the type "text". Any specific formatting is detailed in the "Formatting" column.

5.3 Fixed Charges Section:

The following fields are available in the Fixed Charges section:

Name	Type*	Escape Character**		Formatting (if applicable)	Max Length / Size / Value
		Header Row	Data Row		
Record Type (Fixed Costs)	Text	Double Quote	Double Quote	Constant	F
CLI	Text	Double Quote	Single Quote		
Reference	Text	Double Quote	Double Quote		
Description	Text	Double Quote	Double Quote		
From Date (dd/mm/yyyy)	Text	Double Quote	Double Quote†	dd/mm/yyyy	
To Date (dd/mm/yyyy) or can be blank for one off transactions	Text	Double Quote	Double Quote†	dd/mm/yyyy	Can be blank for one off transactions
Cost	Text	Double Quote	Double Quote	£#,##0.00	
Vat Rate	Text	Double Quote	Double Quote	Constant	1
Charge ID	Text	Double Quote	Double Quote		
Period Type	Text	Double Quote	Double Quote†		
Part Month Payment	Text	Double Quote	Double Quote		
Quantity	Text	Double Quote	None		
Unit Sell Cost	Text	Double Quote	None	Decimal	2 decimal places
Service ID	Text	Double Quote	Double Quote		
Type	Text	Double Quote	Double Quote		
Sub Account Number	Text	Double Quote	Double Quote		
From Address	Text	Double Quote	Double Quote		
To Address	Text	Double Quote	Double Quote		
Circuit Ref	Text	Double Quote	Double Quote		
Budget Name	Text	Double Quote	Double Quote		
Bandwidth	Text	Double Quote	None		

* As the file is a CSV all the fields contained are of the type "text". Any specific formatting is detailed in the "Formatting" column.

** The escape character specified is only placed around the fields above when that field contains a value; therefore if the field is blank, no escaping is added (except those marked †, see below for details)

† The escape character specified is always placed around these fields, even if they are empty.

5.4 Discounts Section:

The following fields are available in the Discounts section:

Name	Type*	Escape Character**		Formatting (if applicable)	Max Length / Size / Value
		Header Row	Data Row		
Record Type (Discounts)	Text	Double Quote	Double Quote	Constant	D
CLI	Text	Double Quote	Single Quote		
Reference	Text	Double Quote	Double Quote		
Description	Text	Double Quote	Double Quote		
From Date (dd/mm/yyyy)	Text	Double Quote	Double Quote	dd/mm/yyyy	
To Date (dd/mm/yyyy) or can be blank for one off transactions	Text	Double Quote	Double Quote	dd/mm/yyyy	Can be blank for one off transactions
Cost Centre	Text	Double Quote	None		
Value Discounted	Text	Double Quote	None		
Discount Amount	Text	Double Quote	None	Decimal	2 decimal places
Discount Percent	Text	Double Quote	None		
Vat Rate	Text	Double Quote	Double Quote	Constant	1
Discount Scheme Id	Text	Double Quote	None		
Discount Id	Text	Double Quote	None		
Period Type	Text	Double Quote	None		
Type Of Discount	Text	Double Quote	None		
Group Scheme Id	Text	Double Quote	None		
Sub Account Number	Text	Double Quote	None		

* As the file is a CSV all the fields contained are of the type "text". Any specific formatting is detailed in the "Formatting" column.

Thank you



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