Tiger Shore
Management
Limited

Interface Specification for the OpenRate Processing Pipelines for SeaSatCom

23rd March 2009

Draft

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Document Control

Revisions

Version	Date	Description	Author	Approved
0.1	24th Mar 2008	Initial Version	Ian Sparkes	

OpenRate GSM Usage Pipeline

Input Format GSM

File Name Standard

The File naming standard for this format is:

File Prefix	Not Known
File Suffix	.csv
File Name Body	Not Known

The file name is therefore constructed in the format:

```
<File Prefix><File Name Body><File Suffix>
```

File Header

This file does not have a header.

File Detail Records

The detail records are formatted as follows:

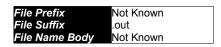| Column	Type	Description
USAGE_PERIOD	String	Period for the usage
BILLING_PERIOD	String	Period for the billing
BILL_DATE	String	The date of the bill
BILL_NUMBER	String	The number of the bill
BILL_RECIPIENT	String	The name of the person or company who received the bill
NUMBER_RECIPIENT	String	Unknown
FISCAL_CODE	String	The recipient's fiscal code
PRICE_LIST_CODE	String	The price list code used
A_NUMBER	String	The calling number
A_CUSTOMER	String	The customer who the A Number belongs to
CONTRACT_NUMBER	String	The Contract Number
BILLING_TYPE	String	The type of billing
CALL_TYPE	String	The type of call
CALL_ORIGIN	String	the origin of the call
CALL_DESTINATION	String	the destination of the call
B_NUMBER	String	The called number
CALL_DATE	String	The date of the call
CALL_TIME	String	The time of the call
ORIG_CHARGED_QUANTITY	String	The original quantity to be charged
BILL_CHARGED_QUANTITY	String	The quantity charged on the bill
CHARGED_AMOUNT_UOM	String	The Unit of Measure of the quantity
CHARGED_AMOUNT	String	The wholesale amount charged

File Trailer

This file does not have a trailer.

Jbilling Output Format GSM

File Name Standard

The File naming standard for this format is:

File Prefix	Not Known
File Suffix	.out
File Name Body	Not Known

The file name is therefore constructed in the format:

```
<File Prefix><File Name Body><File Suffix>
```

File Header

This file does not have a header.

File Detail Records

The detail records are formatted as follows:

Column	Type	Description
userId	int	The Jbilling user id that this usage was assigned to
cdrtype	String	The CDR type
category	String	The category of the usage, used for grouping usage to orders
pricesheet	String	The price sheet that was used to rate the usage
origin	String	The origin zone of the call
destination	String	The destination zone of the call
tariff	String	The tariff used to rate the call
quantity	double	The quantity used to rate the call
ratedAmount	double	The calculated retail rated amount
discountname	String	The name of the discount that was applied to this call
discountapplied	double	The amount of Quantity that was discounted
discountrule	String	The rule that discounted this call
discountrum	String	The Rateable Usage Metric that was discounted
counterId	int	The id of the counter that was impacted
packusage	int	1 if this was the first impact on a daily counter, otherwise 0
USAGE_PERIOD	String	Period for the usage
BILLING_PERIOD	String	Period for the billing
BILL_DATE	String	The date of the bill
BILL_NUMBER	String	The number of the bill
BILL_RECIPIENT	String	The name of the person or company who received the bill
NUMBER_RECIPIENT	String	Unknown
FISCAL_CODE	String	The recipient's fiscal code
PRICE_LIST_CODE	String	The price list code used
A_NUMBER	String	The calling number
A_CUSTOMER	String	The customer who the A Number belongs to
CONTRACT_NUMBER	String	The Contract Number
BILLING_TYPE	String	The type of billing
CALL_TYPE	String	The type of call

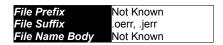|		
CALL_ORIGIN	String	the origin of the call
CALL_DESTINATION	String	the destination of the call
B_NUMBER	String	The called number
CALL_DATE	String	The date of the call
CALL_TIME	String	The time of the call
ORIG_CHARGED_QUANTITY	String	The original quantity to be charged
BILL_CHARGED_QUANTITY	String	The quantity charged on the bill
CHARGED_AMOUNT_UOM	String	The Unit of Measure of the quantity
CHARGED_AMOUNT	String	The wholesale amount charged

File Trailer

This file does not have a trailer.

Recycle Output Format GSM

File Name Standard

The File naming standard for this format is:

File Prefix	Not Known
File Suffix	.oerr, .jerr
File Name Body	Not Known

The file name is therefore constructed in the format:

```
<File Prefix><File Name Body><File Suffix>
```

File Header

This file does not have a header.

File Detail Records

The detail records are formatted as follows:

Column	Type	Description
RecycleTag	*String*	Marks this CDR as a recycled CDR
ErrorCode	*String*	The error that caused this to be recycled
RecycleCounter	*int*	The number of times that this CDR has been recycled
USAGE_PERIOD	String	Period for the usage
BILLING_PERIOD	String	Period for the billing
BILL_DATE	String	The date of the bill
BILL_NUMBER	String	The number of the bill
BILL_RECIPIENT	String	The name of the person or company who received the bill
NUMBER_RECIPIENT	String	Unknown
FISCAL_CODE	String	The recipient's fiscal code
PRICE_LIST_CODE	String	The price list code used
A_NUMBER	String	The calling number
A_CUSTOMER	String	The customer who the A Number belongs to
CONTRACT_NUMBER	String	The Contract Number
BILLING_TYPE	String	The type of billing
CALL_TYPE	String	The type of call
CALL_ORIGIN	String	the origin of the call
CALL_DESTINATION	String	the destination of the call
B_NUMBER	String	The called number
CALL_DATE	String	The date of the call
CALL_TIME	String	The time of the call
ORIG_CHARGED_QUANTITY	String	The original quantity to be charged
BILL_CHARGED_QUANTITY	String	The quantity charged on the bill
CHARGED_AMOUNT_UOM	String	The Unit of Measure of the quantity
CHARGED_AMOUNT	String	The wholesale amount charged

File Trailer

This file does not have a trailer.