



APPENDIX C

Example Call Detail Block File

Revised: March 11, 2009, OL-4486-12

This section provides an example of an actual call detail block (CDB) record generated by the Cisco BTS 10200 Softswitch's Element Management System (EMS) for a Local POTS SIP to MGCP Line Call. The ASCII text as created is depicted below with a translation matrix after it to decode the contents of the record within the file. The billing file shown contains only a single record.

The times shown in the record below are in Pacific Standard Time (PST), which is offset minus 8 hours from Greenwich Mean Time (GMT).

This CDB is configured to use the semicolon (;) as a field separator and the vertical bar (|) as a record separator. Where the value for a given field is denoted by an empty field, two field separators in a row [semicolons (;)], it indicates that the field is irrelevant in the call context shown.

The contents of the billing file are:

```
001;04.5;2004-09-01 10:35:10;CA146||
3;1009190106;1009190127;;1009190108;1009190108;1009190127;;;;;;;;;00:00:19;;
1009190127;9725581000;9775551232;9725581000;;9775551232;;;;;;;;;1;0;16;0;5;
0;158;;;;;;;;;0;;;;;;;;;1056;515;168960;80608;0;344;2;0;0;0;0;1;0;0;0;CA14638
1;;;CA146;2;;;;;;;;;0;0;;;9725581000;757C88A2-3AA111CC-81B98F4D-
B468D474@10.9.27.4
;10.89.227.58;;;;;;;;;8;10;2;;;;;1;;;9725581000;0;0;0;0;1;DAL000
22;10.0.1.4;10.0.4.9;;;;;223344;1;ANONYMOUS;3;;|1;
2004-09-01 10:35:30
```

Header information:

```
Header/TrailerVersionNumber=001
CDBVersion=04.5
StartingTime=2004-09-01 10:35:10
CAName=CA146
```

Trailer information:

```
NumberOfRecords=1
Close/FinishTime=2004-09-01 10:35:30
```

The record is decoded as follows.

This is not intended to mirror the CDB REPORT command on the Cisco BTS 10200 exactly; this is for illustrative purposes only.

```

CALLTYPE=LOCAL
SIGSTARTTIME=2004-09-1 10:35:06
SIGSTOPTIME=2004-09-1 10:35:27
ICSTARTTIME=
ICSTOPTIME=
CALLCONNECTTIME=2004-09-1 10:35:08
CALLDISCONNECTTIME=2004-09-1 10:35:08
CALLANSWERTIME=2004-09-1 10:35:27
DBQUERYTIME1=
SERVICEINSTANCETIME1=
SERVICEINSTANCETIME2=
SERVICEINSTANCETIME3=
SERVICEACTIVATIONTIME1=
SERVICEACTIVATIONTIME2=
SERVICEACTIVATIONTIME3=
SERVICEDEACTIVATIONTIME1=
SERVICEDEACTIVATIONTIME2=
SERVICEDEACTIVATIONTIME3=
CALLELAPSEDTIME=00:00:19
INTERCONNECTELAPSEDTIME=
ORIGQOSTIME=
TERMQOSTIME=2004-09-1 10:35:27
ORIGNUMBER=972-555-1000
TERMNNUMBER=977-555-1232
CHARGENUMBER=972-555-1000
LOCROUTINGNUMBER=
DIALED DIGITS=9775551232
FORWARDINGNUMBER=
SERVICETYPE1=
SERVICETYPE2=
SERVICETYPE3=
FEATUREDATA1=
FEATUREDATA2=
FEATUREDATA3=
AUTHCODE=
ACCTCODE=
QUERYTYPE=
QUERYRESULTCODE=
RETURNEDDATA1=
MLHGROUP= (Release 4.5.1)
OFFHOOKIND=Yes
SHORTOFFHOOKIND=No
CALLTERMCAUSE=Normal Call Clearing
OPERATORACTION=Auto Identified, Customer Dialed
ORIGSIGNALINGTYPE=SIP
TERMSIGNALINGTYPE=MGCP Line
ORIGTRUNKGROUPNUMBER=158
TERMTRUNKGROUPNUMBER=
OUTGOINGTRUNKNUMBER=
CARRIERID=
ORIGCIRCUITID=
TERMCIRCUITID=
PICSOURCE=
ICINCID=
ICINCEVENTSTATUSIND=
ICINCRIND=
ORIGQOSPACKETSENT=
ORIGQOSPACKETSRECD=

```

ORIGQOSOCETTSSENT=
ORIGQOSOCETTSRECD=
ORIGQOSPACKETSLOST=
ORIGQOSJITTER=
ORIGQOSAVGLATENCY=
TERMQOSPACKETSSSENT=1056
TERMQOSPACKETSRECD=515
TERMQOSOCETTSSENT=168960
TERMQOSOCETTSRECD=80608
TERMQOSPACKETSLOST=0
TERMQOSJITTER=344
TERMQOSAVGLATENCY=2
OPERATORINVOLVED=No
CASUALCALL=No
CONNECTIONTYPE=IP
PACKETIZATIONTIME=
SILENCESUPPRESSION=No
ECHOCANCELLATION=No
CODECTYPE=PCMU G711
INTERSTATEINDICATOR=No
RECORDTYPE=Normal Record
TIMERINDICATOR=
PRESENTTIME=
OVERALLCORRELATIONID=CA146381
JIP=
ORIGCLLI=
TERMCLLI=
CALLAGENTID=CA146
ORIGPOPTIMEZONE=CST
USAGESENSITIVE1=
USAGESENSITIVE2=
USAGESENSITIVE3=
ORIGH323CALLORIGIN=
ORIGH323CALLTYPE=
ORIGH323CONFID=
ORIGH323REMOTEADDRESS=
ORIGH323TIMEDAY=
ORIGH323VOICEQUALITY=
ORIGH323SUBSCRIBER=
ORIGH323GATEWAYID=
ORIGH323GATEKEEPERID=
TERMH323CALLORIGIN=
TERMH323CALLTYPE=
TERMH323CONFID=
TERMH323REMOTEADDRESS=
TERMH323TIMEDAY=
TERMH323VOICEQUALITY=
TERMH323SUBSCRIBER=
TERMH323GATEWAYID=
TERMH323GATEKEEPERID=
ORIGTYPE=ON NET
TERMTYPE=ON NET
SOURCESERVICEPROVIDERID=
DESTINATIONSERVICEPROVIDERID=
SOURCECARRIERID=
DESTINATIONCARRIERID=
ORIGSIPUSERNAME=9725551000
ORIGSIPCALLID=757C88A2-3AA111CC-81B98F4D-B468D474@1.2.3.4
ORIGSIPADJACENTHOPADDR=1.2.3.4
DBQUERYTIME2=
QUERYRESULTCODE2=

QUERYTYPE2=
 RETURNEDDATA2=
 DBQUERYTIME3=
 QUERYRESULTCODE3=
 QUERYTYPE3=
 RETURNEDDATA3=
 RESULTCODE1=
 RESULTCODE2=
 RESULTCODE3=
 NASERRORCODE=
 NASDLCXREASON=
 NASPREAUTHENTICATIONRESULT=
 FAXINDICATOR=Voice Only
 FAXPAGESSENT=
 FAXPAGESRECEIVED=
 SERVICEINTERROGATIONTIME1=
 SERVICEINTERROGATIONTIME2=
 SERVICEINTERROGATIONTIME3=
 ORIGPOPID=8
 TERMPPOPID=10
 TERMPOPTIMEZONE=CST
 DIALPLANID=
 GTDGLOBALCALLINDICATOR=
 TERMSIPUSERNAME=
 TERMSIPCALLID=
 TERMSIPADJACENTHOPADDRESS=
 ORIGSIPCALLTYPE=Subscriber
 TERMSIPCALLTYPE=
 ORIGH323NETWORKPROVIDERID=
 DESTH323NETWORKPROVIDERID=
 ORIGINALORIGINNUMBER=972-555-1000
 VIDEOCODEC=
 CALLINGPARTYCATEGORY=
 CALLEDPARTYINDICATOR=
 CALLEDPARTYPORTEDIN=NO
 CALLINGPARTYPORTEDIN=NO
 BILLINGRATEINDICATOR=FLAT RATE 1
 ACCOUNTID=DAL00022
 ORIGENDPOINTADDR=10.0.1.4
 TERMENDPOINTADDR=10.0.4.9
 ORIGCMTSID=
 TERMCMTSID=
 ORIGFIBERNODEID=
 TERMFIBERNODEID=
 CALLSUBTYPE=
 SENSORID=223344
 ORIGINTL=NO
 ORIGCALLINGNAME=ANONYMOUS
 ORIGPRIVACYIND=FULL
 ORIGCALLEDPORTEDNOA=NONE
 TERMCALLEDPORTEDNOA=NONE
 CHARGINUNITS= (Release 4.5.1)
 ORIGLINEINFO= (Release 4.5.1)
 CENTREXGROUP= (Release 4.5.1)
 COUNTRYCODE= (Release 4.5.1, MR1)