Delta Document for Release 3.5.x and 4.5 Billing Guides

This document explains the differences between the Release 3.5.x and 4.5 Billing Guides.

Feature History

Release	Modification
October 2006	The following updates were made in Appendix A of this document:
	• Call data block fields 150 and 151 were corrected (reference for this change is CSCsf19345.)
	• Call data block field 166 was changed.
October 2005	This document was introduced.

Overview

This document lists the differences between the call detail blocks (CDBs) in Releases 3.5.x and 4.5. The information that changed was documented in Appendix A: Call Detail Block File Fields chapter of the Billing Guide.

Changes Between Versions

The following changes were made to the Release 3.5.x and 4.5 billing guides.

The Overview Section

The overview section was updated in the 4.5 guide. More information about raw call detail blocks (CDBs) was added to the chapter.

Additionally, a note was added with steps to flush old billing records from the Element Management System (EMS) on the Cisco BTS 10200 Softswitch.

Changes to Table A-1, Call Detail Block Field Descriptions

The following general changes were made to Appendix A in the Release 4.5 billing guide. This information is not available in the Release 3.5.x billing guide.

1. The Field Number column was added to the table. This column lists the field number for each CDB.

2. The Data Source field was added to the table. This column lists the Data Source information for each CDB.

3. All of the Field Descriptions were updated in Release 4.5. Most have new information listed, and the changes may be extensive. For that reason, the updates for each individual field are not listed in this document.

4. The following statement regarding timestamps was changed throughout the document. The statement is found in either the Potential Values or Field Descriptions columns. In Release 3.5.x, the sentence reads:

   A value of zero indicates the field is to be ignored.

   In Release 4.5, the sentence was changed to:

   If the value is NULL, the timestamp is to be ignored.

5. **Fields 142-170 are new to Release 4.5. These fields were not available in Release 3.5.x.**

The remaining changes are noted for each field in the table. Table 0-1 is based on information for Release 4.5. Any changes from Release 3.5.x are noted in the table; if there are no changes noted, then the information is relevant for Release 4.5.

Table 0-1   Call Detail Block Field Descriptions

(New column in Release 4.5) Field Number	Common Name	Field Type	Field Size*	Potential Values	(New column in Release 4.5) Data Source	Field Description
1	Call Type	Numeric in Release 4.5. Was formerly **TinyInt** in Release 3.5.x.		**A footnote was added for the following values:** 37 = POLICE* 38 = FIRE* 39 = AMBULANCE* 40 = TIME* 41 = WEATHER* 42 = TRAFFIC* 46 = AIRLINES* 47 = RAILWAYS* **This value was deprecated in Release 4.5:** 43 = LOOPBACK_TEST (Deprecated) **These values were added in Release 4.5:** 50 = CALLING_ NUMBER_ANNC 51 = DA_INTERLATA 52 = DA_INTL 53 = UNIV_ACCESS_NUM 54 = MOBILE * - not used in NANP areas	Destination:: CallType OR derived based on the dialing pattern—for example: 0-, 00 calls OR SpecialCallType:: CallType OR LSA table for determining LOCAL OR LATA table used for determining TOLL and INTERLATA of CallType = NATIONAL in Destination table.	**The descriptions were updated in Release 4.5. Because the updates are extensive, the updated information in not listed in this document; to find the differences between individual field descriptions, refer to the 3.5 or 4.5 Appendix A.**
2	Signal Start Time	Numeric in Release 4.5. Was formerly **Integer** in Release 3.5.x.		32 bit unsigned value in GMT epoch time format. The number of seconds since Jan 1, 1970 0:00:00h.	Dynamic run time data from the system clock.	
3	Signal Stop Time	Numeric in Release 4.5. Was formerly **Integer** in Release 3.5.x.		32 bit unsigned value in GMT epoch time format. The number of seconds since Jan 1, 1970 0:00:00h. If the value is NULL, the timestamp is to be ignored. **The field above was changed from what was previously in Release 3.5.x:** **A value of zero indicates the field is to be ignored.**	Dynamic run time data from the system clock.	

Table 0-1   *Call Detail Block Field Descriptions (continued)*

(New column in Release 4.5) Field Number	Common Name	Field Type	Field Size*	Potential Values	(New column in Release 4.5) Data Source	Field Description
4	Interconnect Start Time	Numeric in Release 4.5. Was formerly **Integer** in Release 3.5.x.		32 bit unsigned value in GMT epoch time format. The number of seconds since Jan 1,1970 0:00:00h. If the value is NULL, the timestamp is to be ignored.	Dynamic run time data from the system clock.	
5	Interconnect Stop Time	Numeric in Release 4.5. Was formerly **Integer** in Release 3.5.x.		32 bit unsigned value in GMT epoch time format. The number of seconds since Jan 1,1970 0:00:00h. If the value is NULL, the timestamp is to be ignored.	Dynamic run time data from the system clock.	
6	Call Connect Time	Numeric in Release 4.5. Was formerly **Integer** in Release 3.5.x.		32 bit unsigned value in GMT epoch time format. The number of seconds since Jan 1,1970 0:00:00h. If the value is NULL, the timestamp is to be ignored.	Dynamic run time data from the system clock.	
7	Call Answer Time	Numeric in Release 4.5. Was formerly **Integer** in Release 3.5.x.		32 bit unsigned value in GMT epoch time format. The number of seconds since Jan 1,1970 0:00:00h. If the value is NULL, the timestamp is to be ignored.	Dynamic run time data from the system clock.	
8	Call Disconnect Time	Numeric in Release 4.5. Was formerly **Integer** in Release 3.5.x.		32 bit unsigned value in GMT epoch time format. The number of seconds since Jan 1,1970 0:00:00h. If the value is NULL, the timestamp is to be ignored.	Dynamic run time data from the system clock.	
9	Database Query Time1	Numeric in Release 4.5. Was formerly **Integer** in Release 3.5.x.		32 bit unsigned value in GMT epoch time format. The number of seconds since Jan 1,1970 0:00:00h. If the value is NULL, the timestamp is to be ignored.	Dynamic run time data from the system clock.	
10	Service Instance Time1	Numeric in Release 4.5. Was formerly **Integer** in Release 3.5.x.		32 bit unsigned value in GMT epoch time format. The number of seconds since Jan 1,1970 0:00:00h. If the value is NULL, the timestamp is to be ignored.	Dynamic run time data from the system clock.	

Table 0-1   Call Detail Block Field Descriptions (continued)

(New column in Release 4.5) Field Number	Common Name	Field Type	Field Size*	Potential Values	(New column in Release 4.5) Data Source	Field Description
11	Service Instance Time2	Numeric in Release 4.5. Was formerly **Integer** in Release 3.5.x.		32 bit unsigned value in GMT epoch time format. The number of seconds since Jan 1,1970 0:00:00h. If the value is NULL, the timestamp is to be ignored.	Dynamic run time data from the system clock.	
12	Service Instance Time3	Numeric in Release 4.5. Was formerly **Integer** in Release 3.5.x.		32 bit unsigned value in GMT epoch time format. The number of seconds since Jan 1,1970 0:00:00h. If the value is NULL, the timestamp is to be ignored.	Dynamic run time data from the system clock.	
13	Service Activation Time1	Numeric in Release 4.5. Was formerly **Integer** in Release 3.5.x.		32 bit unsigned value in GMT epoch time format. The number of seconds since Jan 1,1970 0:00:00h. If the value is NULL, the timestamp is to be ignored.	Dynamic run time data from the system clock.	
14	Service Activation Time2	Numeric in Release 4.5. Was formerly **Integer** in Release 3.5.x.		32 bit unsigned value in GMT epoch time format. The number of seconds since Jan 1,1970 0:00:00h. If the value is NULL, the timestamp is to be ignored.	Dynamic run time data from the system clock.	
15	Service Activation Time3	Numeric in Release 4.5. Was formerly **Integer** in Release 3.5.x.		32 bit unsigned value in GMT epoch time format. The number of seconds since Jan 1,1970 0:00:00h. If the value is NULL, the timestamp is to be ignored.	Dynamic run time data from the system clock.	
16	Service Deactivation Time1	Numeric in Release 4.5. Was formerly **Integer** in Release 3.5.x.		32 bit unsigned value in GMT epoch time format. The number of seconds since Jan 1,1970 0:00:00h. If the value is NULL, the timestamp is to be ignored.	Dynamic run time data from the system clock.	
17	Service Deactivation Time2	Numeric in Release 4.5. Was formerly **Integer** in Release 3.5.x.		32 bit unsigned value in GMT epoch time format. The number of seconds since Jan 1,1970 0:00:00h. If the value is NULL, the timestamp is to be ignored.	Dynamic run time data from the system clock.	

Table 0-1   Call Detail Block Field Descriptions (continued)

(New column in Release 4.5) **Field Number**	**Common Name**	**Field Type**	**Field Size***	**Potential Values**	**(New column in Release 4.5)** **Data Source**	**Field Description**
18	Service Deactivation Time3	Numeric in Release 4.5. Was formerly **Integer** in Release 3.5.x.		32 bit unsigned value in GMT epoch time format. The number of seconds since Jan 1,1970 0:00:00h. If the value is NULL, the timestamp is to be ignored.	Dynamic run time data from the system clock.	
19	Call Elapsed Time	String in Release 4.5. Was formerly **Varchar** in Release 3.5.x.	11	(DDDDD):HH:MM:SS	Calculated value.	
20	Interconnect Elapsed Time	String in Release 4.5. Was formerly **Varchar** in Release 3.5.x.	11	(DDDDD):HH:MM:SS	Calculated value.	
21	Originating QOS Time	Numeric in Release 4.5. Was formerly **Integer** in Release 3.5.x.		32 bit unsigned value in GMT epoch time format. The number of seconds since Jan 1,1970 0:00:00h. If the value is NULL, the timestamp is to be ignored.	Dynamic run time data from the system clock.	
22	Terminating QOS Time	Numeric in Release 4.5. Was formerly **Integer** in Release 3.5.x.		32 bit unsigned value in GMT epoch time format. The number of seconds since Jan 1,1970 0:00:00h. If the value is NULL, the timestamp is to be ignored.	Dynamic run time data from the system clock.	
23	Originating Number	String in Release 4.5. Was formerly **Varchar** in Release 3.5.x.	64 in Release 4.5. Was formerly **32** in Release 3.5.x.	DIGITS	Subscriber::DN1, ISDN SETUP, SS7 IAM, or SIP INVITE, for example.	
24	Terminating Number	String in Release 4.5. Was formerly **Varchar** in Release 3.5.x.	64 in Release 4.5. Was formerly **32** in Release 3.5.x.	DIGITS	Subscriber::DN1, ISDN SETUP, SS7 IAM, or SIP INVITE, for example.	

Table 0-1   Call Detail Block Field Descriptions (continued)

(New column in Release 4.5) Field Number	Common Name	Field Type	Field Size*	Potential Values	(New column in Release 4.5) Data Source	Field Description
25	Charge Number	String in Release 4.5. Was formerly **Varchar** in Release 3.5.x.	64 in Release 4.5. Was formerly **32** in Release 3.5.x.	DIGITS	Subscriber::BillingDn or FCP Message.	
26	Location Routing Number	String in Release 4.5. Was formerly **Varchar** in Release 3.5.x.	64 in Release 4.5. Was formerly **32** in Release 3.5.x.	DIGITS	LNP Query or SS7 IAM.	
27	Dialed Digits	String in Release 4.5. Was formerly **Varchar** in Release 3.5.x.	64 in Release 4.5. Was formerly **32** in Release 3.5.x.	DIGITS This field contains the actual digits dialed by the originator of the call. This field only contains digits dialed in the first stage of the call when dialed by a subscriber that is homed on the Cisco BTS 10200 Softswitch.	MGCP NTFY, SS7 IAM, ISDN SETUP, SIP INVITE or H.323 SETUP, for example.	
28	Forwarding Number	String in Release 4.5. Was formerly **Varchar** in Release 3.5.x.	64 in Release 4.5. Was formerly **32** in Release 3.5.x.	DIGITS	SS7 IAM or original dialed number.	

Table 0-1   Call Detail Block Field Descriptions (continued)

(New column in Release 4.5) Field Number	**Common Name**	**Field Type**	**Field Size***	**Potential Values**	**(New column in Release 4.5) Data Source**	**Field Description**
29	Service Type 1	Numeric in Release 4.5. Was formerly **Smallint** in Release 3.5.x.	Was formerly **5** in Release 3.5.x.	**The following values marked "(not used)" were used in release 3.5.x, but are no longer used in Release 4.5:** 1 = CALL_BLOCK **(not used)** 2 = CALL_FORWARD_UNCONDITIONAL 3 = CALL_WAITING 4 = REPEAT_CALL 5 = RETURN_CALL 6 = CALL_HOLD 7 = THREE_WAY_CALL 8 = CALL_TRANSFER 9 = CALLING_NUMBER_DELIVERY 10 = CALLING_NUMBER_DELIVERY_BLOCK 11 = CALL_FORWARD_BUSY 12 = CLASS_OF_SERVICE 13= CALLING_NAME_DELIVERY **(not used)** 14 = CALL_FORWARD_NO_ANSWER 15 = AIN_HANDLING **(not used)** 16 = 911_HANDLING 17 = CUSTOM_DIALING_PLAN 18 = CALLING_ID_DELIVERY_BLOCK_PERM **(not used)** 19 = SFG_INCOMING 20 = SFG_OUTGOING 21 = CANCELLED_CALL_WAITING 22 = USER_SENSITIVE_3WAY_CALL 23 = TOLL_FREE **(not used)** 24 = ACCT_CODE 25 = AUTH_CODE 26 = LOCAL_NUMBER_PORTABILITY **(not used)** 27 = CALLING_IDENTITY_DELIVERY_SUSPENSION 28 = CALLING_NAME_DELIVERY_BLOCKING **The following two values above (27 and 28) changed order from Release 3.5.x. In Release 3.5.x, they were as follows:** **27 = CALLER_IDENTITY_DELIVERY_SUSPENSION** **28 = CALLING_NAME_DELIVERY_BLOCKING** 29 = CALL_WAITING_WITH_CALLER_IDENTITY 30 = ANONYMOUS_CALL_REJECTION 31 = TOLL_FREE_CALL **(not used)** 32 = CUSTOMER_ORIGINATED_TRACE 33 = CALL_PARK 34 = CALL_PARK_RETRIEVAL 35 = CALL_PARK_REOFFERED 36 = DIRECTED_CALL_PICKUP WITH BARGE-IN	Internal FCP message sent from the feature server to call processing.	

Table 0-1   Call Detail Block Field Descriptions (continued)

(New column in Release 4.5) Field Number	Common Name	Field Type	Field Size*	Potential Values	(New column in Release 4.5) Data Source	Field Description
	Service Type 1 (continued)	Numeric		37 = DIRECTED_CALL_ PICKUP WITHOUT BARGE-IN 38 = HOTLINE 39 = WARMLINE 40= BUSY_LINE_ VERIFICATION		
				41 = SELECTIVE_CALL_REJECTION 42 = SELECTIVE_CALL_FORWARDING 43 = SELECTIVE_CALL_ACCEPTANCE 44 = AUTOMATIC_CALLBACK 45 = AUTO_RECALL 46 = SPEED_CALLING 47 = DO_NOT_DISTURB 48 = REMOTE_ACTIVATION OF CALL_FORWARDING 49 = REMOTE_ACTIVATION OF CALL_FORWARDING PIN 50 = DRCW DISTINCTIVE_RING_CALL_WAITING 51 = SCREENING_LIST_EDIT SCF 52 = SCREENING_LIST_EDIT SCA 53 = SCREENING_LIST_EDIT SCR 54 = SCREENING_LIST_EDIT DRCW 55 = REJECT_CALLER 56 = CALL WAITING DELUXE 57 = THREE WAY CALL DELUXE 58 = OUTGOING CALL BARRING 59 = HOTLINE VARIABLE **The following values were added to Release 4.5: 60 = CNAM SCP QUERY (not used) 61 = REFER 62 = CALL FORWARD COMBINATION 63 = NO SOLICITATION ANNOUNCEMENT 64 = PRIVACY SCREENING 65 = VOICE MAIL 66 = VOICE MAIL ACCESS 67 = LCD PREPAID 68 = LCD POSTPAID**		
30	Service Type 2	Numeric in Release 4.5. Was formerly **Smallint** in Release 3.5.x.		(same as Service Type 1 above)	Internal FCP message sent from the feature server to call processing.	

Table 0-1   Call Detail Block Field Descriptions (continued)

(New column in Release 4.5) Field Number	Common Name	Field Type	Field Size*	Potential Values	(New column in Release 4.5) Data Source	Field Description
31	Service Type 3	Numeric in Release 4.5. Was formerly **Smallint** in Release 3.5.x.		(same as Service Type 1 above)	Internal FCP message sent from the feature server to call processing.	
32	Feature Data 1	String in Release 4.5. Was formerly **Varchar** in Release 3.5.x.	30	See Chapter 2, "Feature Server Derived Call Data"for specifics on feature data. **This cross-reference was updated in Release 4.5.**	Internal FCP message sent from the feature server to call processing.	
33	Feature Data 2	String in Release 4.5. Was formerly **Varchar** in Release 3.5.x.	30	See Chapter 2, "Feature Server Derived Call Data" for specifics on feature data. **This cross-reference was updated in Release 4.5.**	Internal FCP message sent from the feature server to call processing.	
34	Feature Data 3	String in Release 4.5. Was formerly **Varchar** in Release 3.5.x.	30	See Chapter 2, "Feature Server Derived Call Data" for specifics on feature data. **This cross-reference was updated in Release 4.5.**	Internal FCP message sent from the feature server to call processing.	
35	Authorization Code	String in Release 4.5. Was formerly **Varchar** in Release 3.5.x.	25	DIGITS	Internal FCP message sent from the feature server to call processing.	
36	Account Code	String in Release 4.5. Was formerly **Varchar** in Release 3.5.x.	15	DIGITS	Internal FCP message sent from the feature server to call processing.	
37	Database Query Type1	Numeric in Release 4.5. Was formerly **Smallint** in Release 3.5.x.	Was formerly **5** in Release 3.5.x.	0 = RESERVED (null) 1 = TOLL_FREE_ LOCAL 2 = TOLL_FREE_ SCP 3 = LNP	Internal FCP message sent from the feature server to call processing.	

Table 0-1   Call Detail Block Field Descriptions (continued)

(New column in Release 4.5) Field Number	Common Name	Field Type	Field Size*	Potential Values	(New column in Release 4.5) Data Source	Field Description
38	Database Query Result Code1	Numeric in Release 4.5. Was formerly **Tinyint** in Release 3.5.x.	Was formerly **3** in Release 3.5.x.	1 = SUCCESS 2 = FAILURE	Internal FCP message sent from the feature server to call processing.	
39	Database Query Returned Data 1 was previously the "Returned Number 1" field in Release 3.5.x.	String in Release 4.5. Was formerly **Varchar** in Release 3.5.x.	128 Was formerly **66** in Release 3.5.x.	For CNAM_SCP: Caller's Name or P (private) or O (out of area) For TOLL_FREE_SCP and TOLL_FREE_LOCAL: original called digits or new called digits returned For LNP: original called DN or new LRN (ANSI w/LNP profile=LRN) For LNP: original called DN or concatenated RN plus DN (non-ANSI w/LNP profile=PREFIX-METHOD) For LNP: original called DN or RN (non-ANSI w/LNP profile=SEPARATE-RN)	Internal FCP message sent from the feature server to call processing.	
40	MLH Centrex Group Name	String in Release 4.5. Was formerly **Varchar** in Release 3.5.x.	16	ASCII characters	Subscriber:: CtxgId or Subscriber:: MlhgId	
41	Called Party Off Hook Indicator	Numeric in Release 4.5. Was formerly **Tinyint** in Release 3.5.x.	Was formerly **3** in Release 3.5.x.	0 = NO 1 = YES	SS7 ANM, MGCP Offhook NTFY, ISDN ACK, for example.	
42	Called Party Short Off Hook Indicator	Numeric in Release 4.5. Was formerly **Tinyint** in Release 3.5.x.	Was formerly **3** in Release 3.5.x.	0 = NO 1 = YES	n/a	
43	Call Termination Cause	Numeric in Release 4.5. Was formerly **Integer** in Release 3.5.x.	Was formerly **10** in Release 3.5.x.	See Appendix C, "Release Cause Codes," in the *Cisco BTS 10200 Operations and Troubleshooting Guide*. **This cross-reference was updated in Release 4.5.**	Release indications are both internally and externally detected— dynamic runtime data.	

Table 0-1   Call Detail Block Field Descriptions (continued)

(New column in Release 4.5) Field Number	Common Name	Field Type	Field Size*	Potential Values	(New column in Release 4.5) Data Source	Field Description
44	Operator Action	Numeric in Release 4.5. Was formerly **Tinyint** in Release 3.5.x.	Was formerly **3** in Release 3.5.x.	0 = AUTO_ IDENTIFIED_ CUSTOMER_ DIALED 1 = AUTO_ IDENTIFIED_ OPERATOR_ DIALED 2 = OPER_ DENTIFIED_ CUSTOMER_ DIALED 3 = OPER_ IDENTIFIED_ OPERATOR_ DIALED		
45	Originating Signaling Type	Numeric in Release 4.5. Was formerly **Smallint** in Release 3.5.x.	Was formerly **5** in Release 3.5.x.	0 = MGCP LINE **The above value was changed from "0=LINE (MGCP)" in Release 3.5.x.** 1 = SS7 2 = ISDN 3 = CAS 4 = MGCP 5 = SIP 6 = H323	TrunkGroup:: TGType	
46	Termination Signaling Type	Numeric in Release 4.5. Was formerly **Smallint** in Release 3.5.x.	Was formerly **5** in Release 3.5.x.	0 = MGCP LINE **The above value was changed from "0=LINE (MGCP)" in Release 3.5.x.** 1 = SS7 2 = ISDN 3 = CAS 4 = MGCP 5 = SIP 6 = H323	TrunkGroup:: TGType	
47	Originating Trunk Number	Numeric in Release 4.5. Was formerly **Integer** in Release 3.5.x.	Was formerly **8** in Release 3.5.x.	32 bit unsigned integer in the range of 1- 99999999 **Previous value was DIGITS in Release 3.5.x.**	TrunkGroup::Id	
48	Terminating Trunk Number	Numeric in Release 4.5. Was formerly **Integer** in Release 3.5.x.	Was formerly **8** in Release 3.5.x.	32 bit unsigned integer in the range of 1- 99999999 **Previous value was DIGITS in Release 3.5.x.**	TrunkGroup::Id	

Table 0-1   Call Detail Block Field Descriptions (continued)

(New column in Release 4.5) Field Number	**Common Name**	**Field Type**	**Field Size***	**Potential Values**	**(New column in Release 4.5) Data Source**	**Field Description**
49	Outgoing Trunk Number	Numeric in Release 4.5. Was formerly **Smallint** in Release 3.5.x.	Was formerly **5** in Release 3.5.x.	16 bit unsigned integer **Previous value was DIGITS in Release 3.5.x.**	SS7 EXM	
50	Carrier Identification Code	String in Release 4.5. Was formerly **Varchar** in Release 3.5.x.	5	DIGITS	SS7 IAM or Subscriber::PICn or dialed digits for casual dialing scenarios.	
51	Originating Circuit Identifier	Was formerly **Smallint** in Release 3.5.x.		16 bit unsigned integer in the range of 0 - 16383 **Previous value was DIGITS in Release 3.5.x.**	Trunk::Id	
52	Terminating Circuit Identifier	Numeric in Release 4.5. Was formerly **Smallint** in Release 3.5.x.	Was formerly **5** in Release 3.5.x.	16 bit unsigned integer in the range of 0 - 16383 **Previous value was DIGITS in Release 3.5.x.**	Trunk::Id	
53	PIC Source	Numeric in Release 4.5. Was formerly **Tinyint** in Release 3.5.x.	Was formerly **3** in Release 3.5.x.	1 = PIC_DIALED 2 = PIC_DEFAULT	Dialed digits.	
54	Inter-exchange carrier or international carrier indicator	Numeric in Release 4.5. Was formerly **Tinyint** in Release 3.5.x.	Was formerly **3** in Release 3.5.x.	0 = CIC_FGD_OPERATOR_ INVOLVED 1 = CIC_FGD_OPERATOR_ NOT_INVOLVED 2 = CIC_FGD_OPERATOR_ INVOLVED_UNKNOWN 7 = CIC_UNKNOWN_ OPERATOR_INVOLVED 8 = CIC_UNKNOWN_ OPERATOR_NOT_ INVOLVED 9 = CIC_UNKNOWN_ OPERATOR_INVOLVED_ UNKNOWN	Dialed digits.	
55	Inter-exchange carrier or international carrier Event Status Indicator	Numeric in Release 4.5. Was formerly **Tinyint** in Release 3.5.x.	Was formerly **3** in Release 3.5.x.	Call is abandoned or release before IAM is sent by originating EC = 15 Call is abandoned or release after IAM is received by originating EC = 20	Dynamic call data.	**Note**

Table 0-1   Call Detail Block Field Descriptions (continued)

(New column in Release 4.5) Field Number	Common Name	Field Type	Field Size*	Potential Values	(New column in Release 4.5) Data Source	Field Description
56	Inter-exchange carrier or international carrier Routing Indicator	Numeric in Release 4.5. Was formerly **Tinyint** in Release 3.5.x.	Was formerly **3** in Release 3.5.x.	0 = DIRECT 1= TANDEM 2 = CAP_ENDOFFICE 3 = CAP_TANDEM 4 = TANDEM_TSP	Hard coded.	
57	Orig Quality of Service Packets Sent	Numeric in Release 4.5. Was formerly **Integer** in Release 3.5.x.	Was formerly **10** in Release 3.5.x.	32 bit unsigned value **Previous value was DIGITS in Release 3.5.x.**	MGCP DLCX ACK.	
58	Orig Quality of Service Packets received	Numeric in Release 4.5. Was formerly **Integer** in Release 3.5.x.	Was formerly **10** in Release 3.5.x.	32 bit unsigned value **Previous value was DIGITS in Release 3.5.x.**	MGCP DLCX ACK.	
59	Orig Quality of Service Octets Sent	Numeric in Release 4.5. Was formerly **Integer** in Release 3.5.x.	Was formerly **10** in Release 3.5.x.	32 bit unsigned value **Previous value was DIGITS in Release 3.5.x.**	MGCP DLCX ACK.	
60	Orig Quality of Service Octets Received	Numeric in Release 4.5. Was formerly **Integer** in Release 3.5.x.	Was formerly **10** in Release 3.5.x.	32 bit unsigned value **Previous value was DIGITS in Release 3.5.x.**	MGCP DLCX ACK.	
61	Orig Quality of Service Packets Lost	Numeric in Release 4.5. Was formerly **Integer** in Release 3.5.x.	Was formerly **10** in Release 3.5.x.	32 bit unsigned value **Previous value was DIGITS in Release 3.5.x.**	MGCP DLCX ACK.	
62	Orig Quality of Service Jitter	Numeric in Release 4.5. Was formerly **Integer** in Release 3.5.x.	Was formerly **10** in Release 3.5.x.	32 bit unsigned value **Previous value was DIGITS in Release 3.5.x.**	MGCP DLCX ACK.	
63	Orig Quality of Service Average Latency	Numeric in Release 4.5. Was formerly **Integer** in Release 3.5.x.	Was formerly **10** in Release 3.5.x.	32 bit unsigned value **Previous value was DIGITS in Release 3.5.x.**	MGCP DLCX ACK.	

Table 0-1   Call Detail Block Field Descriptions (continued)

(New column in Release 4.5) Field Number	Common Name	Field Type	Field Size*	Potential Values	(New column in Release 4.5) Data Source	Field Description
64	Term Quality of Service Packets Sent	Numeric in Release 4.5. Was formerly **Integer** in Release 3.5.x.	Was formerly **10** in Release 3.5.x.	32 bit unsigned value **Previous value was DIGITS in Release 3.5.x.**	MGCP DLCX ACK.	
65	Term Quality of Service Packets received	Numeric in Release 4.5. Was formerly **Integer** in Release 3.5.x.	Was formerly **10** in Release 3.5.x.	32 bit unsigned value **Previous value was DIGITS in Release 3.5.x.**	MGCP DLCX ACK.	
66	Term Quality of Service Octets Sent	Numeric in Release 4.5. Was formerly **Integer** in Release 3.5.x.	Was formerly **10** in Release 3.5.x.	32 bit unsigned value **Previous value was DIGITS in Release 3.5.x.**	MGCP DLCX ACK.	
67	Term Quality of Service Octets Received	Numeric in Release 4.5. Was formerly **Integer** in Release 3.5.x.	Was formerly **10** in Release 3.5.x.	32 bit unsigned value **Previous value was DIGITS in Release 3.5.x.**	MGCP DLCX ACK.	
68	Term Quality of Service Packets Lost	Numeric in Release 4.5. Was formerly **Integer** in Release 3.5.x.	Was formerly **10** in Release 3.5.x.	32 bit unsigned value **Previous value was DIGITS in Release 3.5.x.**	MGCP DLCX ACK.	
69	Term Quality of Service Jitter	Numeric in Release 4.5. Was formerly **Integer** in Release 3.5.x.	Was formerly **10** in Release 3.5.x.	32 bit unsigned value **Previous value was DIGITS in Release 3.5.x.**	MGCP DLCX ACK.	
70	Term Quality of Service Average Latency	Numeric in Release 4.5. Was formerly **Integer** in Release 3.5.x.	Was formerly **10** in Release 3.5.x.	32 bit unsigned value **Previous value was DIGITS in Release 3.5.x.**	MGCP DLCX ACK.	
71	Operator Involvement	Numeric in Release 4.5. Was formerly **Tinyint** in Release 3.5.x.	Was formerly **3** in Release 3.5.x.	0 = NO, 1 = YES	Dialed digits.	

Table 0-1   Call Detail Block Field Descriptions (continued)

(New column in Release 4.5) Field Number	Common Name	Field Type	Field Size*	Potential Values	(New column in Release 4.5) Data Source	Field Description
72	Casual Dialing	Numeric in Release 4.5. Was formerly **Tinyint** in Release 3.5.x.	Was formerly **3** in Release 3.5.x.	0 = NO, 1 = YES	Dialed digits.	
73	Connection Type	Numeric in Release 4.5. Was formerly **Tinyint** in Release 3.5.x.	Was formerly **3** in Release 3.5.x.	0 = IP 1 = HAIRPIN 3 = ATM SVC 4 = ATM PVC	Dialed digits.	
74	Packet Time	Numeric in Release 4.5. Was formerly **Tinyint** in Release 3.5.x.	Was formerly **3** in Release 3.5.x.	8 bit unsigned value **Previous value was DIGITS in Release 3.5.x.**	MGCP DLCX ACK.	
75	Silence Suppression	Numeric in Release 4.5. Was formerly **Tinyint** in Release 3.5.x.	Was formerly **3** in Release 3.5.x.	0 = NO, 1 = YES	MGCP DLCX ACK.	
76	Echo Cancellation	Numeric in Release 4.5. Was formerly **Tinyint** in Release 3.5.x.	Was formerly **3** in Release 3.5.x.	0 = NO, 1 = YES	MGCP DLCX ACK.	

Table 0-1   Call Detail Block Field Descriptions (continued)

(New column in Release 4.5) **Field Number**	**Common Name**	**Field Type**	**Field Size***	**Potential Values**	(New column in Release 4.5) **Data Source**	**Field Description**
77	Codec Type	Numeric in Release 4.5. Was formerly **Tinyint** in Release 3.5.x.	Was formerly **3** in Release 3.5.x.	1= PCMU G711 2 = PCMA G711 3 = G729A 4 = G729B 5 = G729E 6 = G729 7 = G726-40 8 = G726-32 9 = G726-24 10 = G726-16 11 = G728 12 = G723-H 13 = G723A-H 14 = G723-L 15 = G723A-L 16 = G723 **The above values are for Release 4.5. The values changed from Release 3.5.x, when they were as follows:** **1= PCMU** **2 = PCMA** **3 = G729A** **4 = G711** **5 = G726** **6 = G723.1 (reserved future use)** **7 = G728 (reserved future use)**	MGCP DLCX ACK.	
78	Interstate Indicator	Numeric in Release 4.5. Was formerly **Tinyint** in Release 3.5.x.	Was formerly **3** in Release 3.5.x.	0 = NO, 1 = YES	Destination:: Intrastate or LATA::Id	
79	Record Type was previously "Long Duration Call Indicator" in Release 3.5.x.	Numeric in Release 4.5. Was formerly **Tinyint** in Release 3.5.x.	Was formerly **3** in Release 3.5.x.	0 = NORMAL_RECORD 1 = FIRST_LONG_ DURN_RECORD 2 = CONTINUATION_ LONG_DURN_RECORD 3 = LAST_LONG_DURN _RECORD 4 = INVALID_RECORD	Dynamic run time data.	

Table 0-1   Call Detail Block Field Descriptions (continued)

(New column in Release 4.5) **Field Number**	**Common Name**	**Field Type**	**Field Size***	**Potential Values**	**(New column in Release 4.5)** **Data Source**	**Field Description**
80	Timer Indicator	Numeric in Release 4.5. Was formerly **Tinyint** in Release 3.5.x.	Was formerly **3** in Release 3.5.x.	1 = FIRST 2 = CONTINUATION	Dynamic run time data.	
81	Present Time	Numeric in Release 4.5. Was formerly **Integer** in Release 3.5.x.		32 bit unsigned value in GMT epoch time format. The number of seconds since Jan 1,1970 0:00:00h. If the value is NULL, the timestamp is to be ignored.	Dynamic run time data from the system clock.	
82	Overall Correlation Identifier	String in Release 4.5. Was formerly **Varchar** in Release 3.5.x.	25	Alphanumeric characters **Previous value was DIGITS in Release 3.5.x.**	System generated.	
83	JIP	String in Release 4.5. Was formerly **Varchar** in Release 3.5.x.	10	Alphanumeric characters **Previous value was DIGITS in Release 3.5.x.**	Pop::Jip or TrunkGroup::Jip or SS7 IAM	
84	Originating CLLI	String in Release 4.5. Was formerly **Varchar** in Release 3.5.x.	11 Was formerly **20** in Release 3.5.x.	Alphanumeric characters **Previous value was DIGITS in Release 3.5.x.**	TrunkGroup::Clli	
85	Terminating CLLI	String in Release 4.5. Was formerly **Varchar** in Release 3.5.x.	11 Was formerly **20** in Release 3.5.x.	Alphanumeric characters **Previous value was DIGITS in Release 3.5.x.**	TrunkGroup::Clli	
86	Call Agent Id	String in Release 4.5. Was formerly **Varchar** in Release 3.5.x.	8 Was formerly **10** in Release 3.5.x.	Alphanumeric characters **Previous value was DIGITS in Release 3.5.x.**	CallAgent::Id	
87	Originating POP Time Zone	Numeric in Release 4.5. Was formerly **Tinyint** in Release 3.5.x.	Was formerly **3** in Release 3.5.x.	Refer to Appendix D, "Time Zone Mapping Table"for the potential values. **This cross-reference was updated in Release 4.5.**	Pop::Timezone, Timezone::Id	

Table 0-1   Call Detail Block Field Descriptions (continued)

(New column in Release 4.5) Field Number	**Common Name**	**Field Type**	**Field Size***	**Potential Values**	**(New column in Release 4.5) Data Source**	**Field Description**
88	Service Usage Sensitive 1	Numeric in Release 4.5. Was formerly **Tinyint** in Release 3.5.x.	Was formerly **3** in Release 3.5.x.	0 = FALSE, 1 = TRUE **Note** This field is applicable only if Service Type 1 field is populated.	Internal FCP message sent from the feature server to call processing.	
89	Service Usage Sensitive 2	Numeric in Release 4.5. Was formerly **Tinyint** in Release 3.5.x.	Was formerly **3** in Release 3.5.x.	0 = FALSE, 1 = TRUE **Note** This field is applicable only if Service Type 2 field is populated.	Internal FCP message sent from the feature server to call processing.	
90	Service Usage Sensitive 3	Numeric in Release 4.5. Was formerly **Tinyint** in Release 3.5.x.	Was formerly **3** in Release 3.5.x.	0 = FALSE, 1 = TRUE **Note** This field is applicable only if Service Type 3 field is populated.	Internal FCP message sent from the feature server to call processing.	
91	Originating H323 Call Origin	Numeric in Release 4.5. Was formerly **Tinyint** in Release 3.5.x.	Was formerly **3** in Release 3.5.x.	0 = NULL 1 = ANSWER 2 = ORIGINATE	Various H.323 messages.	**Note**
92	Originating H323 Call Type	Numeric in Release 4.5. Was formerly **Tinyint** in Release 3.5.x.	Was formerly **3** in Release 3.5.x.	1 = VOIP 2 = TELEPHONY 3 = VIDEO **These values were changed from the following values in Release 3.5.x:** **0 = NULL** **1 = VOIP** **2 = TELEPHONY**		**Note**
93	Originating H323 Conference Id	String in Release 4.5. Was formerly **Varchar** in Release 3.5.x.	32	Alphanumeric characters.	Various H.323 messages.	**Note**
94	Originating H323 Remote Address	String in Release 4.5. Was formerly **Varchar** in Release 3.5.x.	16	Alphanumeric characters.	Various H.323 messages.	**Note**

Table 0-1   Call Detail Block Field Descriptions (continued)

(New column in Release 4.5) Field Number	Common Name	Field Type	Field Size*	Potential Values	(New column in Release 4.5) Data Source	Field Description
	Originating H323 Remote ID **This field was deleted in Release 4.5.**					**Note**
95	Originating H323 Time Day	Numeric in Release 4.5. Was formerly **Integer** in Release 3.5.x.		32 bit unsigned value in GMT epoch time format. The number of seconds since Jan 1,1970 0:00:00h. If the value is NULL, the timestamp is to be ignored.	Dynamic run time data from the system clock.	**Note**
96	Originating H323 Voice Quality	Numeric in Release 4.5. Was formerly **Tinyint** in Release 3.5.x.	Was formerly **3** in Release 3.5.x.	**This field is not populated for Release 4.5.**	Various H.323 messages.	
97	Originating H323 Subscriber	Numeric in Release 4.5. Was formerly **Tinyint** in Release 3.5.x.	Was formerly **3** in Release 3.5.x.	**This field is not populated for Release 4.5.**	Various H.323 messages.	
98	Originating H323 Gateway Id	String in Release 4.5. Was formerly **Varchar** in Release 3.5.x.	16 Was formerly **10** in Release 3.5.x.	Alphanumeric characters. **Previous value was STRING in Release 3.5.x.**	Various H.323 messages.	**Note**
99	Originating H323 Gatekeeper Id	String in Release 4.5. Was formerly **Varchar** in Release 3.5.x.	16	Alphanumeric characters. **Previous value was STRING in Release 3.5.x.**	Various H.323 messages.	**Note**
100	Terminating H323 Call Origin	Numeric in Release 4.5. Was formerly **Tinyint** in Release 3.5.x.	Was formerly **3** in Release 3.5.x.	0 = NULL 1 = ANSWER 2 = ORIGINATE	Various H.323 messages.	**Note**

Table 0-1   Call Detail Block Field Descriptions (continued)

(New column in Release 4.5) Field Number	Common Name	Field Type	Field Size*	Potential Values	(New column in Release 4.5) Data Source	Field Description
101	Terminating H323 Call Type	Numeric in Release 4.5. Was formerly **Tinyint** in Release 3.5.x.	Was formerly **3** in Release 3.5.x.	1 = VOIP 2 = TELEPHONY 3 = VIDEO **These values were changed from the previous values in Release 3.5.x:** **0 = NULL** **1 = VOIP** **2 = TELPHONY**	Various H.323 messages.	**Note**
102	Terminating H323 Conference Id	String in Release 4.5. Was formerly **Varchar** in Release 3.5.x.	32	Alphanumeric characters. **Previous value was STRING in Release 3.5.x.**	Various H.323 messages.	**Note**
103	Terminating H323 Remote Address	String in Release 4.5. Was formerly **Varchar** in Release 3.5.x.	16	Alphanumeric characters. **Previous value was STRING in Release 3.5.x.**	Various H.323 messages.	**Note**
	Terminating H323 Remote Id **This field was removed from Release 4.5.**					**Note**
104	Terminating H323 Time Day	Numeric in Release 4.5. Was formerly **Integer** in Release 3.5.x.		32 bit unsigned value in GMT epoch time format. The number of seconds since Jan 1,1970 0:00:00h. If the value is NULL, the timestamp is to be ignored.	Dynamic run time data from the system clock.	**Note**
105	Terminating H323 Voice Quality	Numeric in Release 4.5. Was formerly **Tinyint** in Release 3.5.x.	Was formerly **3** in Release 3.5.x.	**This field is not populated for this release.**	Various H.323 messages.	
106	Terminating H323 Subscriber	Numeric in Release 4.5. Was formerly **Tinyint** in Release 3.5.x.	Was formerly **3** in Release 3.5.x.	**This field is not populated for this release.**	Various H.323 messages.	

Table 0-1   Call Detail Block Field Descriptions (continued)

(New column in Release 4.5) Field Number	**Common Name**	**Field Type**	**Field Size***	**Potential Values**	**(New column in Release 4.5) Data Source**	**Field Description**
107	Terminating H323 Gateway Id	String in Release 4.5. Was formerly **Varchar** in Release 3.5.x.	16	Alphanumeric characters. **Previous value was STRING in Release 3.5.x.**	Various H.323 messages.	**Note**
108	Terminating H323 Gatekeeper Id	String in Release 4.5. Was formerly **Varchar** in Release 3.5.x.	16	Alphanumeric characters. **Previous value was STRING in Release 3.5.x.**	Various H.323 messages.	**Note**
109	Orig Type	Numeric in Release 4.5. Was formerly **Tinyint** in Release 3.5.x.	Was formerly **3** in Release 3.5.x.	0 = ON NET 1 = OFF NET	Dialed digits.	
110	Term Type	Numeric in Release 4.5. Was formerly **Tinyint** in Release 3.5.x.	Was formerly **3** in Release 3.5.x.	0 = ON NET 1 = OFF NET	Dialed digits.	
111	Source Service Provider Id	String in Release 4.5. Was formerly **Varchar** in Release 3.5.x.	16	Alphanumeric characters **Previous value was STRING in Release 3.5.x.**	TrunkGroup::Spid or Carrier::Spid or TechPrefix::Spid	
112	Destination Service Provider Id	String in Release 4.5. Was formerly **Varchar** in Release 3.5.x.	16	Alphanumeric characters **Previous value was STRING in Release 3.5.x.**	TrunkGroup::Spid or Carrier::Spid or TechPrefix::Spid	
113	Source Carrier Id	String in Release 4.5. Was formerly **Varchar** in Release 3.5.x.	4	Numeric characters **Previous value was STRING in Release 3.5.x.**	TrunkGroup:: CarrierId or SS7 IAM	
114	Destination Carrier Id	String in Release 4.5. Was formerly **Varchar** in Release 3.5.x.	4	Numeric characters **Previous value was STRING in Release 3.5.x.**	TrunkGroup:: CarrierId or SS7 IAM	

Table 0-1   Call Detail Block Field Descriptions (continued)

(New column in Release 4.5) Field Number	Common Name	Field Type	Field Size*	Potential Values	(New column in Release 4.5) Data Source	Field Description
115	Originating SIP Username	String in Release 4.5. Was formerly **Varchar** in Release 3.5.x.	64	Alphanumeric characters. **Previous value was STRING in Release 3.5.x.**	Originating SIP INVITE message.	**Note**
116	Originating SIP Call Id	String in Release 4.5. Was formerly **Varchar** in Release 3.5.x.	64	Alphanumeric characters. **Previous value was STRING in Release 3.5.x.**	Originating SIP INVITE message.	**Note**
117	Originating SIP Adjacent Hop Address	String in Release 4.5. Was formerly **Varchar** in Release 3.5.x.	16	Alphanumeric characters. **Previous value was STRING in Release 3.5.x.**	Originating SIP INVITE message.	**Note**
118	Database Query Time 2	Numeric in Release 4.5. Was formerly **Integer** in Release 3.5.x.		32 bit unsigned value in GMT epoch time format. The number of seconds since Jan 1,1970 0:00:00h.	Dynamic run time data from the system clock.	
119	Database Query Result Code 2	Numeric in Release 4.5. Was formerly **Tinyint** in Release 3.5.x.	Was formerly **3** in Release 3.5.x.	1 = SUCCESS 2 = FAILURE	Internal FCP message sent from the feature server to call processing.	
120	Database Query Type2	Numeric in Release 4.5. Was formerly **Smallint** in Release 3.5.x.	Was formerly **5** in Release 3.5.x.	1 = TOLL_FREE_ SCP 2 = TOLL_FREE_LOCAL 3 = LNP 4 = CNAM_SCP **These values changed from the following values in Release 3.5.x:** **0 = RESERVED (NULL)** **1 = TOLL_FREE_LOCAL** **2 = TOLL_FREE_SCP** **3 = LNP**	Internal FCP message sent from the feature server to call processing.	

Table 0-1   Call Detail Block Field Descriptions (continued)

(New column in Release 4.5) Field Number	**Common Name**	**Field Type**	**Field Size***	**Potential Values**	**(New column in Release 4.5) Data Source**	**Field Description**
121	Database Query Returned Data 2 Was previously "Returned Number 2" in Release 3.5.x.	String in Release 4.5. Was formerly **Varchar** in Release 3.5.x.	128	DIGITS, DIGITS	Internal FCP message sent from the feature server to call processing.	
122	Database Query Time 3	Numeric in Release 4.5. Was formerly **Integer** in Release 3.5.x.		32 bit unsigned value in GMT epoch time format. The number of seconds since Jan 1,1970 0:00:00h. If the value is NULL, the timestamp is to be ignored.	Dynamic run time data from the system clock.	
123	Database Query Result Code 3	Numeric in Release 4.5. Was formerly **Tinyint** in Release 3.5.x.	Was formerly **3** in Release 3.5.x.	1 = SUCCESS 2 = FAILURE	Internal FCP message sent from the feature server to call processing.	
124	Database Query Type 3	Numeric in Release 4.5. Was formerly **Smallint** in Release 3.5.x.	Was formerly **5** in Release 3.5.x.	1 = TOLL_FREE_ SCP 2 = TOLL_FREE_LOCAL 3 = LNP 4 = CNAM_SCP **These values changed from the following values in Release 3.5.x:** **0 = RESERVED (NULL)** **1 = TOLL_FREE_LOCAL** **2 = TOLL_FREE_SCP** **3 = LNP**	Internal FCP message sent from the feature server to call processing.	

Table 0-1   Call Detail Block Field Descriptions (continued)

(New column in Release 4.5) Field Number	Common Name	Field Type	Field Size*	Potential Values	(New column in Release 4.5) Data Source	Field Description
125	Database Query Returned Data 3 Was previously "Returned Number 3" in Release 3.5.x.	String in Release 4.5. Was formerly **Varchar** in Release 3.5.x.	128 Was formerly **66** in Release 3.5.x.	For CNAM_SCP: Caller's Name or P (private) or O (out of area) For TOLL_FREE_SCP and TOLL_FREE_LOCAL: original called digits or new called digits returned For LNP: original called DN or new LRN (ANSI w/LNP profile=LRN) For LNP: original called DN or concatenated RN plus DN (non-ANSI w/LNP profile=PREFIX-METHOD) For LNP: original called DN or RN (non-ANSI w/LNP profile=SEPARATE-RN) **Previous value was DIGITS. DIGITS in Release 3.5.x.**	Internal FCP message sent from the feature server to call processing.	

Table 0-1   Call Detail Block Field Descriptions (continued)

(New column in Release 4.5) **Field Number**	**Common Name**	**Field Type**	**Field Size***	**Potential Values**	**(New column in Release 4.5)** **Data Source**	**Field Description**
126	Service Result Code1	Numeric in Release 4.5. Was formerly **Tinyint** in Release 3.5.x.	Was formerly **3** in Release 3.5.x.	1 = SUCCESS 2 = FAILURE 3 = ANI INVALID 4 = ANI BLOCKED 5 = CASUAL CALLS NOT ALLOWED 6 = II SCREENING REJECT 7 = BW SCREENING REJECT 8 = COS RESTRICTED **The following values were added to Release 4.5"** **9 = 2L-ACT ABANDONED VOICE BACK DN** **10 = 2l_ACT CONNECTED ANONYMOUS DN** **11 = COS INTERNAL ERROR** **12 = CALL BLOCKED** **13 = RESULT UNKNOWN** **14 = USER ABANDONED** **15 = INVALID PIN** **16 = PIN BLOCKED** **17 = TEMP DISC BLOCKED** **18 = VALID** **19 = ABANDON WHILE ANNOUNCE** **20 = INSUFFICIENT QUOTA** **21 = MEDIATION REQUIRED**	Internal FCP message sent from the feature server to call processing.	**Note**
127	Service Result Code2	Numeric in Release 4.5. Was formerly **Tinyint** in Release 3.5.x.	Was formerly **3** in Release 3.5.x.	(same as Service Result Code 1)	Internal FCP message sent from the feature server to call processing.	**Note**
128	Service Result Code3	Numeric in Release 4.5. Was formerly **Tinyint** in Release 3.5.x.	Was formerly **3** in Release 3.5.x.	(same as Service Result Code 1)	Internal FCP message sent from the feature server to call processing.	**Note**

Table 0-1   Call Detail Block Field Descriptions (continued)

(New column in Release 4.5) **Field Number**	**Common Name**	**Field Type**	**Field Size***	**Potential Values**	**(New column in Release 4.5)** **Data Source**	**Field Description**
129	NAS Error Code	Numeric in Release 4.5. Was formerly **Smallint** in Release 3.5.x.	Was formerly **3** in Release 3.5.x.	800 = ISP PORT LIMIT OVERRUN 801 = NO MODEMS AVAILABLE 802 = CALLING NUMBER UNACCEPTABLE 803 = CALLED NUMBER UNACCEPTABLE **The values were different for 802 and 803 in Release 3.5.x. They were as follows: AVAILABLE** **802 = ORIGINATING NUMBER UNACCEPTABLE** **803 = TERMINATING NUMBER UNACCEPTABLE** **Additionally, in Release 3.5.x, 0 = NULL.**	Internally generated by call processing.	
130	NAS DLCX Reason	Numeric in Release 4.5. Was formerly **Smallint** in Release 3.5.x.	Was formerly **3** in Release 3.5.x.	801 = USER REQUEST 802 = LOST CARRIER 803 = LOST SERVICE 804 = IDLE TIMEOUT 805 = SESSION TIMEOUT 806 = ADMIN RESET 807 = ADMIN REBOOT 808 = PORT ERROR 809 = NAS ERROR 810 = NAS REQUEST 811 = NAS REBOOT 812 = PORT UN-NEEDED 813 = PORT PRE-EMPTED 814 = PORT SUSPENDED 815 = SERVICE UNAVAILABLE 816 = CALLBACK 817 = USER ERROR 818 = HOST REQUEST	MGCP DLCX	
131	NAS Pre-Authorization Result	Numeric in Release 4.5. Was formerly **Smallint** in Release 3.5.x.	Was formerly **3** in Release 3.5.x.	0 = NULL 1 = AU—EVERYTHING IS OK 2 = AX—CGN/CDN NUMBERS ARE NOT GOOD 3 = OF—MODEM FAILURE	MGCP NTFY	

Table 0-1   Call Detail Block Field Descriptions (continued)

(New column in Release 4.5) Field Number	Common Name	Field Type	Field Size*	Potential Values	(New column in Release 4.5) Data Source	Field Description
132	Fax Indicator	Numeric in Release 4.5. Was formerly **Smallint** in Release 3.5.x.	Was formerly **3** in Release 3.5.x.	0 = NOT FAX 1 = FAX ONLY 2 = VOICE AND FAX	Internally generated by call processing.	
133	Fax Pages Sent	Numeric in Release 4.5. Was formerly **Smallint** in Release 3.5.x.	Was formerly **3** in Release 3.5.x.	The range of values is 0 – 999.	MGCP DLCX ACK.	
134	Fax Pages Received	Numeric in Release 4.5. Was formerly **Smallint** in Release 3.5.x.	Was formerly **3** in Release 3.5.x.	The range of values is 0 – 999.	MGCP DLCX ACK.	
135	Service Interrogation Time 1	Numeric in Release 4.5. Was formerly **Integer** in Release 3.5.x.		32 bit unsigned value in GMT epoch time format. The number of seconds since Jan 1,1970 0:00:00h. If the value is NULL, the timestamp is to be ignored.	Dynamic run time data from the system clock.	
136	Service Interrogation Time 2	Numeric in Release 4.5. Was formerly **Integer** in Release 3.5.x.		32 bit unsigned value in GMT epoch time format. The number of seconds since Jan 1,1970 0:00:00h. If the value is NULL, the timestamp is to be ignored.	Dynamic run time data from the system clock.	
137	Service Interrogation Time 3	Numeric in Release 4.5. Was formerly **Integer** in Release 3.5.x.		32 bit unsigned value in GMT epoch time format. The number of seconds since Jan 1,1970 0:00:00h. If the value is NULL, the timestamp is to be ignored.	Dynamic run time data from the system clock.	
138	Originating Pop Id	String in Release 4.5. Was formerly **Varchar** in Release 3.5.x.	16	Alphanumeric characters **Previous value was STRING in Release 3.5.x.**	SubscriberProfile:: PopId	
139	Terminating Pop Id	String in Release 4.5. Was formerly **Varchar** in Release 3.5.x.	16	Alphanumeric characters **Previous value was STRING in Release 3.5.x.**	SubscriberProfile::P opId	

Table 0-1   Call Detail Block Field Descriptions (continued)

(New column in Release 4.5) Field Number	Common Name	Field Type	Field Size*	Potential Values	(New column in Release 4.5) Data Source	Field Description
140	Terminating POP Time Zone	Numeric in Release 4.5. Was formerly **Tinyint** in Release 3.5.x.	Was formerly **3** in Release 3.5.x.	Refer to Appendix D, "Time Zone Mapping Table" for the potential values. **The values previously listed in Release 3.5.x were:** **NULL = 0** **EST = 1** **CST = 2** **MST = 3** **AST = 4** **PST = 5** **EDT = 6** **CDT = 7** **MDT = 8** **PDT = 9** **ADT = 10** **GMT = 11** **PRC = 12** **HONGKONG =13**	Pop::Timezone, Timezone::Id	
141	Dial Plan Id	String in Release 4.5. Was formerly **Varchar** in Release 3.5.x.	16	Alphanumeric characters. **Previous value was STRING in Release 3.5.x.**	SubscriberProfile:: DialPlanId	
The following fields were added to Release 4.5. These fields were not available in Release 3.5.x.						
142	GTD Global Call Indicator	String	32	Alphanumeric characters including hyphens.	If incoming GTD contains GCI, it is used; otherwise, the Cisco BTS 10200 internally generates it.	
143	Terminating SIP Username	String	64	Alphanumeric characters.	Incoming 18x or 200 SIP message to outgoing (outbound) initial SIP INVITE message.	
144	Terminating SIP Call Id	String	64	Alphanumeric characters.	Incoming 18x or 200 SIP message to outgoing (outbound) initial SIP INVITE message.	

Table 0-1   Call Detail Block Field Descriptions (continued)

(New column in Release 4.5) Field Number	Common Name	Field Type	Field Size*	Potential Values	(New column in Release 4.5) Data Source	Field Description
145	Terminating SIP Adjacent Hop Address	String	16	Alphanumeric characters	Incoming 18x or 200 SIP message to outgoing (outbound) initial SIP INVITE message.	
146	Originating SIP Type	Numeric		1 = SUBSCRIBER 2 = SIP 3 = SIP-T 4 = CMSS	Combination of Incoming initial SIP INVITE message and provisioning (TrunkGroup, TrunkGroupProfile, Subscriber).	
147	Terminating SIP Call Type	Numeric		1 = SUBSCRIBER 2 = SIP 3 = SIP-T 4 = CMSS	Based on dynamic data; the outbound SIP call type is based on routing.	
148	Originating H.323 Network Provider Id	String	16	Alphanumeric characters.	H.323 ACF	
149	Destination H.323 Network Provider Id	String	16	Alphanumeric characters.	H.323 ACF	
150	Video codec	Numeric		0 = None (future) 1 = H.261 (future) 2 = H.263 (future) 3 = H.264 (future) **This field is always zero in this release.**	n/a	
151	Original Originating Number	String	64	DIGITS	SETUP Message	
152	Calling Party Category	Numeric		0 = Unknown 9 = National Operator 10 = Ordinary Subscriber 11 = Subscriber w/Priority 12 = Voice Band Data 13 = Test Call 15 = Pay Phone 249 = Line Test Desk 250 = Interception Operator 251 = Immediate Charge Info	SS7 IAM message.	
153	Called Party Category Indicator	Numeric		0 = No Indication 1 = Ordinary Subscriber 2 = Payphone	SS7 BCI field.	

Table 0-1   Call Detail Block Field Descriptions (continued)

(New column in Release 4.5) Field Number	Common Name	Field Type	Field Size*	Potential Values	(New column in Release 4.5) Data Source	Field Description
154	Called Party Ported In Indicator	Numeric		0 = No 1 = Yes	Subscriber:: Ported-In	
155	Calling Party Ported In Indicator	Numeric		0 = No 1 = Yes	Subscriber:: Ported-In	
156	Billing Rate Indicator	Numeric		1 = Flat Rate 1 2 = Flat Rate 2 3 = Measured Rate 1 4 = Measured Rate 2	Subscriber:: Billing-Type	
157	Account Id	String	20	Alphanumeric characters.	Subscriber:: Account	✎ **Note**
158	Originating End Point TSAP Address	String	64	DNS or IP Address	Mgw::TSAP-Address or TrunkGroup::Softsw-TSAP-Address or H323-Term::TSAP-Address	
159	Terminating End Point TSAP Address	String	64	DNS or IP Address	Mgw::TSAP-Address or TrunkGroup::Softsw-TSAP-Address or H323-Term::TSAP-Address	
160	Originating CMTS Id	String	64	Alphanumeric characters.	Aggregation::TSAP-Address	
161	Terminating CMTS Id	String	64	Alphanumeric characters.	Aggregation::TSAP-Address	
162	Originating Fiber Node Id	String	20	Alphanumeric characters.	Mgw::Fiber-Node	
163	Terminating Fiber Node Id	String	20	Alphanumeric characters.	Mgw::Fiber-Node	
164	Call Subtype	Numeric		14 = NCT-LINE-TEST 15 = NCT-TRUNK-TEST 16 = NLB-LINE-TEST 17 = NLB-TRUNK-TEST 18 = TEST-ROUTE	Destination:: CallSubtype	•
165	Sensor Id	String	6	Numeric characters.	Pop::SensorId	
166	Originating International Indicator	Numeric		1 = No 2 = Yes (call is international in origin)	Signaling parameters	

Table 0-1   Call Detail Block Field Descriptions (continued)

(New column in Release 4.5) Field Number	Common Name	Field Type	Field Size*	Potential Values	(New column in Release 4.5) Data Source	Field Description
167	Originating Calling Name	String	15	Null character, "PRIVATE," "OUT OF AREA," "Name string returned from CNAM query"	CNAM Query	
168	Originating Privacy Indicator	Numeric		1 = NONE, 2 = NAME, 3 = FULL	Signaling parameters	
169	Originating Called Party Ported NoA	Numeric		1 = Concatenated RN with DN 2 = Separate RN		•
170	Terminating Called Party Ported NoA	Numeric		1 = Concatenated RN with DN 2 = Separate RN		