



# CHAPTER 2

## MGC Info Field Reference

Revised: October 19, 2009, OL-1089-16

This chapter provides additional information about the MGC Info Field (Tag 4031), described in [Chapter 1, “Billing Interfaces”](#). The MGC info field consists of several sub-fields, that are stored in the value section of the VSC info field. These sub-fields contain no tags or values. The MGC Info field provides the customer with backward compatibility to Cisco PGW 2200 Softswitch Release 5.0 and earlier.



**Note** This field is disabled as of Release 7.3.x, 7.4.x.

## MGC Info Sub-fields

[Table 2-1](#) describes each MGC Info sub-field, including its exact position in the value section of the VSC info field.

**Table 2-1** MGC Info Sub-fields

Field Name	Description	Value/Encoding Scheme	Location (Position)	Size
In Signal path ID	This is the ID for the originating Signal Path	C7 – Component ID for the Point Code Binary Big-endian	1 (first octet)	2
In traffic channel ID	This is the ID for the originating traffic Channel	Binary Big-endian	3 (start at third octet)	2
In protocol ID	This is the numeric representation of the protocol family for the originating side	0 = ISDN PRI 1 = C7 2 = DPNSS 3 = CAS 4 = ASN 5 = Unknown Binary Big-endian	5	1
Out Signal path ID	This is the ID for the terminating Signal Path.	C7 – Component ID for the Point Code Binary Big-endian	6	2

Table 2-1 MGC Info Sub-fields (continued)

Field Name	Description	Value/Encoding Scheme	Location (Position)	Size
Out traffic channel ID	This is the ID for the terminating traffic Channel	(Binary Big-endian	8	2
Out protocol ID	This is the numeric representation of the protocol family for the originating side	0 = ISDN PRI 1 = C7 2 = DPNSS 3 = CAS 4 = ASN 5 = Unknown Binary Big-endian	10	1
Call Type Flag	This indicates whether the call was a real or virtual call [used primarily in DPNSS]	0 = Real call 1 = Virtual Call Binary Big-endian	11	1
Call Feature Flag	This indicates whether the call was a normal call or a feature call (that is, call forwarding, or call waiting)	0 = Normal Call 1 = Feature Call Binary Big-endian	12	1
C-NOA Pre-translated calling number	Cisco specific: Nature of address (NOA) for pre-translated calling number. This field is used for backward compatibility.		13	1
C-NOA Pre-translated dialed number	Cisco specific: NOA for pre-translated dialed number. This field is used for backward compatibility.	(	14	1
C-NOA Post-translated calling number	Cisco specific:NOA for post-translated calling number. This field is used for backward compatibility.		15	1
C-NOA Post-translated dialed number	Cisco specific: NOA for post-translated dialed number. This field is used for backward compatibility.		16	1
C-CPC Call Type	Cisco specific: Unknown, ordinary, Priority, Emergency, Data	0 = Unknown call value 1 = Ordinary Call 2 = Priority Call 3 = Emergency Call 5 = Data Call (Priority Call & Data Call for ANSI SS7 is not supported)	17	1

Table 2-1 MGC Info Sub-fields (continued)

Field Name	Description	Value/Encoding Scheme	Location (Position)	Size
C-CPC Language	Cisco specific: French, English, ..etc	1 = Unknown Language 2 = English 3 = Russian 4 = French 5 = German 6 = Spanish	18	1
C-CPC User	Cisco specific: Unknown, Subscriber, Operator,...etc	0 = Unknown User 1 = Subscriber User 2 = Operator 3 = Pay phone 4 = EMERGENCY 5 = NETWORK 6 = ATT PR1 7 = ATT PR2 8 = ATT PR3 9 = ATT PR4 10 = ATT PR5 11 = CGSUB PR2 12 = CGSUB PR3 13 = CGSUB PR4 14 = CGSUB PR5 15 = SERVICE LINE 16 = DPNSS 17 = CONF DEVICE 18 = ALARM DEVICE 19 = PAYPHONE TYPE2 20 = PAYPHONE TYPE3 21 = PAYPHONE TYPE4 22 = PBX SUBSCRIBER1 23 = PBX SUBSCRIBER2 24 = PBX SUBSCRIBER3 25 = PBX SUBSCRIBER4	19	1

