



CHAPTER 2

MGC Info Field Reference

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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

