Appendix G
X.25 Diagnostic Codes

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This appendix describes the differences between Cisco's implementation of certain X.25 network-generated, "international problem" diagnostic fields and the definitions provided in Annex E of CCITT Recommendation X.25. The complete diagnostics listing is provided in Annex E's Table E-1/X.25. This translation table lists the decimal value of the diagnostic number, the CCITT description, and the Cisco definition.

Table G-1   Annex E International Problem Diagnostic Code Differences

Decimal Value	Annex E, Rec. X.25 Diagnostic Description	Cisco Proprietary Definition of Diagnostic Codes
112	International problem	Not used.
113	Remote network problem	Not used.
114	International protocol problem	Not used.
115	International link out of order	Indicates one of the following failures: failed when initializing a switched PVC; in TCP tunneling, failed when initiating or resetting a PVC; or, failed when PAD PVC circuit is being initiated or reset
116	International link busy	Not used.
117	Transit network facility problem	Not used.
118	Remote network facility problem	Not used.
119	International routing problem	Indicates the following failure: in TCP tunneling of X.25 when session is closed by network
120	Temporary routing problem	Indicates the following failure: when tunneling X.25 through TCP/IP and the remote network is identified as unreachable
121	Unknown called DNIC	Not used.
122	Maintenance action (may apply to maintenance action within a national network	For CMNS, indicates the following: router fails to route the call due to setup or unreachability of destination; when VC is cleared using the **clear x25-vc** EXEC command