# ISO/IEC 21991 :2002-06 (E)

**Information technology; Telecommunications and information exchange between systems_- Corporate telecommunication networks_- Signalling interworking between QSIG and H.323; Call completion supplementary services**

## Contents


Page

Foreword v

Introduction vi

**1** Scope 1

**2** Conformance 1

**3** Normative references 1

**4** Definitions 2

**4.1** External definitions 2
**4.2** Other definitions 2

**4.2.1** Entity A 2
**4.2.2** Entity B 2
**4.2.3** Gateway 2
**4.2.4** IP network 2
**4.2.5** Leg A 2
**4.2.6** Scenario A1 2
**4.2.7** Scenario A2 2

**5** Acronyms 3

**6** Service architecture 3

**6.1** Service architecture for invocation and operation 3

**6.1.1** ISO/IEC 13870 service architecture 3
**6.1.2** H.450.9 service architecture 4
**6.1.3** Scenarios for interworking 4
**6.1.4** Selection of the same gateway for all phases 4

**6.2** Options 4

**7** Protocol interworking – General requirements 5

**8** Protocol interworking – Messages and APDUs 5

**8.1** Signalling phase 1 - invocation of call completion 5

**8.1.1** Scenario A1 5
**8.1.2** Scenario A2 6

**8.2** Signalling phase 2 – user B available notification 6

**8.2.1** Scenario A1 7
**8.2.2** Scenario A2 8

**8.3** Signalling phase 3 – CC call establishment 9

**8.3.1** Scenario A1 9
**8.3.2** Scenario A2 9

**8.4** Signalling phase 4 – cancellation of SS-CC 9

**8.4.1** Scenario A1 10
**8.4.2** Scenario A2 10

**9** Protocol interworking – content of APDUs 10

**9.1** APDU content mapping from QSIG to H.323 11

**9.1.1** ccbsRequest/ccnrRequest invoke APDU mapping **11**
**9.1.2** ccbsRequest/ccnrRequest return result APDU mapping **11**
**9.1.3** ccCancel/ccExecPossible invoke APDU mapping **11**

**9.2** APDU content mapping from H.323 to QSIG **12**

**9.2.1** ccbsRequest/ccnrRequest invoke APDU mapping **12**
**9.2.2** ccbsRequest/ccnrRequest return result APDU mapping **12**
**9.2.3** ccCancel/ccExecPossible invoke APDU mapping **12**

**Annexes**

**A - Implementation Conformance Statement (ICS) proforma** **13**

**B - Message flow examples** **20**