

ISO/IEC 17343:2007-11 (E)

Information technology - Telecommunications and information exchange between systems - Corporate telecommunication networks - Signalling interworking between QSIG and SIP - Basic services

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Conformance	2
3	Normative references	2
4	Terms and definitions	3
5	Abbreviated terms	3
6	Background and Architecture	4
7	General Requirements	6
8	Message Mapping Requirements	7
8.1	Message Validation and Handling of Protocol Errors	7
8.2	Call Establishment from QSIG to SIP	8
8.3	Call Establishment from SIP to QSIG	12
8.4	Call Clearing and Call Failure	16
8.5	Request to Change Media Characteristics	19
9	Number Mapping	19
9.1	Mapping from QSIG to SIP	20
9.2	Mapping from SIP to QSIG	21
10	Requirements for Support of Basic Services	23
10.1	Derivation of QSIG Bearer Capability Information Element	23
10.2	Derivation of Media Type in SDP	23
11	Security Considerations	24
11.1	General	24
11.2	Calls from QSIG to Invalid or Restricted Numbers	24
11.3	Abuse of SIP Response Code	24
11.4	Use of the To Header URI	24
11.5	Use of the From Header URI	25
11.6	Abuse of Early Media	25
11.7	Protection from Denial-of-Service Attacks	25
Annex A (normative) Implementation Conformance Statement (ICS) proforma		26
Annex B (informative) Example Message Sequences		34