JT-Q1218
Intelligent Network Internetwork Interface

1.Relationship with International Recommendations

This Standard specifies interface between IN-structured networks based on the ITU-T Recommendations Q.1214, Q.1215 and Q.1218 refined in 1995, considering results of study for Draft Recommendations Q.1224 and Q1228 up to ITU-T SG11 Q.6/11 rapporteur meeting held in November 1995. The study on Q.1224 and Q1228 in ITU-T is related to IN Capability Set 2 (CS-2), and this TTC specification of the IN capability set is called as "CS-1(Refinement)" considering a consistency with the part of IN CS-2.

2.Summary of departures from ITU-T Recommendations

2.1 Optional items

None

2.2 National items

None

2.3 Others

(1) This Standards deletes following materials from above mentioned ITU-T Recommendations.

(a)	Q.1214: Section 4.2	SCF/CCF Model
(b)	Q.1214: Section 4.3	Specialized Resource Function (SRF) Model
(c)	Q.1214: Section 5	Stage 2 Description of Service Independent Building Blocks
(d)	Q.1214: Section 6.4	SCF-SSF Relationship
(e)	Q.1214: Section 6.5	SCF-SRF Relationship
(f)	Q.1214: Section 6.7	Summary of Information Flows and related SIBs
(g)	Q.1214: Annex A	Communication Between Call Segments
(h)	Q,1214: Annex B	SSF/CCF Relationship Scenarios
(i)	Q.1214: Appendix I	Aspects of the Distributed Functional Plane Identified as "For Further Study" (FFS) Relative to CS-1
(j)	Q.1215: Section 5.3.1	SCP-SSP Interface
(k)	Q.1215: Section 5.3.2	AD-SSP Interface
(l)	Q.1215: Section 5.3.3	IP-SSP Interface
(m)	Q.1215: Section 5.3.4	SN-SSP Interface
(n)	Q.1215: Section 5.3.5	SCP-IP Interface
(o)	Q.1215: Section 5.3.6	AD-IP Interface
(p)	Q.1215: Section 5.3.8	User Interface
(q)	Q.1218: Section 2.1	SSF/SCF,SCF/SRF,SSF/SRF Interface
(r)	Q.1218: Section 3.1.1	SSF Application Entity Procedures
(s)	Q.1218: Section 3.1.2.4	Partial SCF Management Entity (SCME)

		State Transition Diagram
(t)	Q.1218: Section 3.1.2.5.1	State 1: "Idle"
(u)	Q.1218: Section 3.1.2.5.2	State 2: "Preparing SSF Instructions"
(v)	Q.1218: Section 3.1.2.5.3	State 3: "Routing to Resource"
(w)	Q.1218: Section 3.1.2.5.4	State 4: "User Interaction"
(x)	Q.1218: Section 3.1.3	SRF Application Entity Procedures
(Y)	Q.1218: Appendix	Aspects of the Intelligent Network Interface Identified as "For Further Study" (FFS) Relative to CS-1

Above mentioned materials are specifying the modeling and interfaces for intra-network aspects, and are considered as out of scope for TTC Standards which specifies internetwork aspects.

Other texts, which are not mentioned above and are also considered as no relevance to internetwork aspects, are also deleted.

2.4 Comparison Tables on Section Layout with Original Recommendations

The differences in section layout from International Recommendations are shown in Tables below.
Chapter 1: Distributed Functional Plane for Intelligent Network Internetwork Capability Set 1 (Refinement) (Corresponds to ITU-T Q.1214 and Q.1224)

TTC Standard	**ITU-T Recommendation**	**Note**
Section 1: General	Section 1: General	
Section 2: Scope of IN Distributed Functional Plane for Capability Set-1	Section 2: Scope of IN Distributed Functional Plane for Capability Set-1	Partial Deletions
Section 3: Distributed Functional model for CS-1	Section 3: Distributed Functional model for CS-1	Partial Deletions
Section 4: Functional Entity Call/Service Processing Models	Section 4: Functional Entity Call/Service Processing Models	Partial Deletions
-- --	Section 5: Stage 2 Description of Service Independent Building Blocks (SIBs)	
Section 5: Relationships between FEs	Section 6: Relationships between FEs	Partial Deletions Partial Additions
-- --	Annex A, B	
-- --	Appendix I	

Chapter 2: Physical Plane for Intelligent Network Internetwork Capability Set 1 (Refinement) (Corresponds to ITU-T Q.1215)

TTC Standard	ITU-T Recommendation	Note
Section 1: General	Section 1: General	
Section 2: Requirements and Assumptions	Section 2: Requirements and Assumptions	
Section 3: Physical Entities (PEs)	Section 3: Physical Entities (PEs)	Partial Deletions
Section 4: Mapping Requirements	Section 4: Mapping Requirements	
Section 5: Mapping the Distributed Functional Plane to the Physical Plane	Section 5: Mapping the Distributed Functional Plane to the Physical Plane	Partial Deletions

Chapter 3: Interface Recommendations for Intelligent Network Internetwork Capability Set 1 (Refinement) (Corresponds to ITU-T Q.1218)

TTC Standard	ITU-T Recommendation	Note
Section 0: Introduction	Section 0: Introduction	Partial Deletions
Section 1: SACF/MACF rules	Section 1: SACF/MACF rules	
Section 2: Abstract Syntax of the IN CS-1 (Refinement) Application Protocol	Section 2: Abstract Syntax of the IN CS-1 Application Protocol	Partial Deletions Partial Additions
Section 3: Procedures	Section 3: Procedures	Partial Deletions Partial Additions
-- --	Annex A	
Annex A : Descriptions of SCSM and SDSM Processes	Annex B	
Appendix I: Service Data Modeling	Appendix I	
-- --	Appendix II	
Appendix II: Authentication Framework	-- --	Partial Additions
Appendix III: Object Modeling for ISPT	-- --	
Appendix IV:Description of the Process SCSM and SDSM		

3. The history of revised versions

Versions	Date	Outline
1	Nov. 24, 1994	Established
2	Nov. 28, 1995	Revised according to proceeding of ITU-T
3	April 24, 1996	Extensions of Interfaces for IN internetwork to realize PHS roaming based on ISPT. Especially, an addition of SDF/SDF interface (Note)

(Note) This TTC standard specifies the following additional items based on the draft Recommendations Q.1224 and Q.1228.

(a) Chapter 1, Section 5.5 SDF-SDF Inter-relationship
(b) Chapter 3, Section 2.2 SDF-SDF Interface
(c) Chapter 3, Appendix III Object Modeling for ISPT

4. Others

(1) References to Recommendations and Standards

TTC Standards:	JT-Q701 (ver. 2), JT-Q711 (ver. 1), JT-Q712 (ver. 1), JT-Q713 (ver. 2), JT-Q714 (ver. 1), JT-Q762 (ver. 6), JT-Q763 (ver. 6), JT-Q771 (ver. 1), JT-Q772 (ver. 1), JT-Q773 (ver. 1), JT-Q774 (ver. 1) JT-Q932 (ver. 2), JT-X500 (ver. 2)
ITU-T Recommendations:	I.130 (1993), Q.775 (1993), Q.1200 (1993), Q.1201 (1993), Q.1204 (1993), Q.1205 (1993), Q.1208 (1993), Q.1211 (1993), Q.1290 (1995), X.25 (1993), X.200 (1993), X.500 (1993), X.501 (1993), X.509 (1993), X.511 (1993), X.518 (1993), X.519 (1993), X.525 (1993), X.680 (1994), X. 681 (1994), X.682 (1994), X.683 (1994), X.690 (1994), X.880 (1994)
ISO Standards:	IS 9545