JT-Q1238.1-b IN (intelligent network) Interface between Local Network and Service Providing Network Capability Set 3   Common Aspects

1.   Relations with international standards

This standard defines IN (intelligent network) interface between Local Network and Service Providing Network, based upon ITU-T Recommendation Q.1238.1 approved on ITU-T SG11 meeting held in June 2000.

2.   Summary of differences between ITU-T Recommendations and this standard

2.1   Optional items

None

2.2   National matter items

None

2.3   Others

(1) Relation to TTC standard JT-Q1228-b

This standard and JT-Q1238.2-b are the succession standards of JT-Q1228-b.

Although JT-Q1228-b is based upon ITU-T Recommendations Q.1224, Q.1225, Q.1228 and Q.1290, JT-Q1238.1-b and JT-Q1238.2-b are based upon ITU-T Recommendations Q.1238.1 and Q.1238.2 according to the following policy.

JT-Q1228-b	JT-Q1238.1-b JT-Q1238.2-b
Chapter 1 Introduction TTC standard specific	Defined in Section 1 of JT-Q1238.1-b and JT-Q1238.2-b (Scope).
Chapter 2 Distributed functional plane corresponding to Q.1224	ITU-T Recommendations Q.1238.x (CS-3) define the contents of Q.1224 partially in Q.1238.x without making the succession standard of Q.1224. Therefore, TTC standards also define necessary parts of Q.1224 in JT-Q1238.1-b and JT-Q1238.2-b.
Chapter 3 Physical plane corresponding to Q.1225	ITU-T Recommendations Q.1238.x (CS-3) refer to Q.1225 without making the succession standard of Q.1225. Therefore, TTC standards also refer to JT-Q1228-b Chapter 3.

JT-Q1228-b		JT-Q1238.1-b JT-Q1238.2-b
Chapter 4	Protocol for connection between signaling networks (corresponding to Q.1228	TTC standards define only the necessary parts based upon ITU-T Recommendations Q.1238.1 and Q.1238.2.
Chapter 5	Glossary of terms used in the definition of intelligent networks (corresponding to Q.1290)	ITU-T Recommendations Q.1238.x (CS-3) refer to Q.1290 without making the succession standard of Q.1290. Therefore, TTC standards also refer to JT-Q1228-b Chapter 5.
Annex A	Restart Notification Processing Application	Defined in Annex 3 of JT-Q1238.1-b (NOTE).

NOTE – Though Restart Notification Processing Application can be applied generally between nodes which have the TC Dialogue, it is defined as Annex in this standard because the user at present was only this IN interface standard.

(2) In this standard, the following sections of ITU-T Recommendation Q.1238.1 are deleted.

Sec.4.4   IN service management functionality

Sec.4.7   Security

Sec.4.8   Out-Channel User Interaction

Sec.4.9   Call unrelated service invocation and control

Sec.4.10   Feature Interactions

Sec.5.2.4   SRF FSM Structure

Sec.5.3.2.1.5   Internetworking manager

Sec.5.3.2.6   Security manager

Sec.5.4   Service Data Function (SDF) Models

Sec.5.5   Call Control Function / Call Unrelated Service Function (CCF/CUSF) Models

Sec.5.6   Service Management Function (SMF) Models

Sec.6.2   SCF-SCF Relationship

Sec.6.3   SCF-IAF Relationship

Sec.6.4   SRF-CCF Relationship

Sec.6.5   SRF-SCF Relationship

Sec.6.6   SCF-SDF Relationship

Sec.6.7   SDF-SDF Relationship

Sec.6.8   CUSF-SCF Relationship

Sec.6.9   CUSF-SSF Relationship

Sec.6.10   SMF-SCF Relationship

Sec.6.11   SMF-SDF Relationship

This standard defines only the necessary parts in order to standardize IN (intelligent network) interface between Local Network and Service Providing Network, so the above sections are deleted because they are needless for this standard.

(3) This standard indicates deletions from the ITU-T Recommendation Q1238.1 by the following
rules.

(a) Sections which are defined in the ITU-T Recommendations, however, are not defined in
this standard, are indicated by section numbers and section titles with the deletion symbol
"#" in the table of contents and the text.

(b) Description in chapters which is defined in the ITU-T Recommendations, however, is not
defined in this standard, is deleted without the deletion symbol "#".

(4) This standard is consisted of the following two parts. One is the necessary part in order to
standardize IN (intelligent network) interface between Local Network and Service Providing
Network, which is extracted downstream from ITU-T IN Recommendation Q.1238.1 including
general concepts of IN. The other is the description of this TTC standard specific.
TTC specific descriptions are indicated by the symbol "*" in the text.

(5) This standard does not use figure number and table number provided by the ITU-T
Recommendation Q.1238.1 directly. The rules of providing figure number and table number are
indicated below.

ITU-T Rec.	figure/ table numbering rule	number providing example	TTC Standard	figure/table numbering rule	number providing example
Q.1238.1	sequential number	FIGURE 3/Q.1238.1	Chapter 3	Chapter number - sequential number in section /ITU-T providing number	FIGURE 3-3/JT-Q1238.1-b (ITU-T Q.1238.1)

(6) This standard indicates TTC standard specific parts in the table by the following rules.
When the entire line or row is TTC standard specific, the symbol "*" is described outside the
table of the line or the row respectively.
When the specific column in the table is TTC standard specific, the symbol "*" is described in
the corresponding column.

2.4 Comparison of sections between ITU-T Recommendations and this standard

The following tables show differences in sections between the ITU-T Recommendations and this standard.

TTC Standard	ITU-T Rec.	Difference from ITU-T Rec.
Sec.1 Scope	Sec.1 Scope	Partially delete/ partially modify
Sec.2 References	Sec.2 References	Partially delete/ partially modify
Sec.3 Abbreviations and Acronyms	Sec.3 Abbreviations and Acronyms	Partially delete/ partially modify
Sec.4 Scope of IN Distributed Functional Plane for capability set	Sec. 4 Scope of IN Distributed Functional Plane for capability set 3	Partially delete/ partially modify
Sec. 5 FE Models	Sec. 5 FE Models	Partially delete/ partially modify
Sec. 6 Use of FE Relationships	Sec. 6 Use of FE Relationships	Partially delete/ partially modify
Sec. 7 Protocol Realisation	Sec. 7 Protocol Realisation	Partially delete/ partially modify
Sec. 8 Congestion Control	Sec. 8 Congestion Control	Delete
Sec.9 Protocol mechanisms	Sec. 9 Protocol mechanisms	Partially delete/ partially modify
Sec. 10 Services assumed from Lower Layers	Sec. 10 Services assumed from Lower Layers	Partially delete/ partially modify
Sec. 11 Error Definitions	Sec. 11 Error Definitions	Partially delete/ partially modify
Sec. 12 Common Definitions	Sec. 12 Common Definitions	Partially delete/ partially modify
Annex 1 List of non backward compatible changes between IN CS2 and IN CS3	Annex 1 List of non backward compatible changes between IN CS2 and IN CS3	Delete
Annex 2 Definition about Abort Reason	----------------------------------	Add

TTC Standard	ITU-T Rec.	Difference from ITU-T Rec.
Annex Restart Notification Processing Application	---------------------------------	Add

3. The history of revised versions

Version	Date	Outline
1	19, April , 2001	Established