

JT-Q951-a Digital Interface between PBXs(Supplementary services)

-Layer 3 specifications of Number Identification Services-

<Remarks>

1. Relations with international standards

This standard is based on the Draft recommendation Q.951 “Number Identification supplementary services” updated at CCITT SGXI Geneva meeting in October 1991, and describes minimum set of service description, relating messages and information elements which are necessary for providing Number Identification supplementary services between PBXs with TTC standard JT-Q931-a “Digital Interface between PBXs(common channel signaling)”.

2. Summary of differences from international standards

(1) Differences corresponding to the above Draft rec. are described in the following table.

This standard	Draft rec. Q.951 § 3- § 6	Differences
X.1 Service description	1. Definition	Service description, as applied between PBXs based on the Draft rec.Q.951, is described.
	2. Description	The use of subaddress is beyond the scope of this standard.
	2.1 General description	
X.2 Specific terminology	2.2 Specific terminology	Specific terminology are described as minimum definitions needed between PBXs. The ISDN number is replaced by the private network number.
No corresponding part	2.3 Qualification on the applicability to telecommunication services	The descriptions of the service itself are deleted because these are beyond the scope of this standard.
	2.4 State definitions	
	3. Operational requirements	
	3.1 Provision/withdrawal	
	3.2 Requirements on the originating network side	
	3.3 Requirements in the network	
3.4 Requirements on the terminating network side		

X.3 Relating messages and information elements	4. Coding requirements	<p>Coding of relating messages and information elements needed for Number Identification supplementary services are described.</p> <p>Coding of Connected line identification number and Connected line identification subaddress are based on Draft rec. Q.951. Further, the length of the Connected number information element is described according to that of the calling party number information element(36 octets) in TTC JT-Q931-a, although it is not defined in Draft rec. Q.951.</p>
No corresponding part	<p>5. Signaling requirements</p> <p>5.1 Activation/deactivation/registration</p> <p>5.2 Invocation and operation</p>	These descriptions are deleted because they are applicable to a user-network interface, which is beyond the scope of this standard.
X.4 Interaction with other supplementary services	6. Interactions with other supplementary services	The interactions with supplementary services established as the TTC standards are described.
No corresponding part	7. Interactions with other networks	These descriptions are deleted because they are beyond the scope of this standard.
	8. Signaling flows (items only)	
	9. Parameter values(timers) (items only)	These definitions of specific timers are deleted because they are not necessary for the interface between PBXs.
	10. Dynamic description (SDLs) (items only)	These descriptions are deleted because they are parts of procedures for basic call control.
APPENDIX I	No corresponding Part	Examples of signaling flows to help to implement supplementary services between PBXs are described.

(2) Others

Services of DDI and MSN are deleted because these are not applicable at the interface between PBXs.

3. History of revision

Version	Date of establishment	Contents of revision
Ver.1	April 1992	Initial establishment

4. Others

Recommendations/standards of reference

TTC standards : JT-Q931-a

CCITT recommendations : Draft rec. Q.951