

## JT-Q2961.1

# Broadband Integrated Services Digital Network(B-ISDN) Digital Subscriber Signalling System No. 2 (DSS 2) Additional Traffic Parameters

### 1.Relations with international standards

This standard is based on the ITU-T Recommendation Q.2961.1 which was approved in the ITU-T SG11 meeting (May 1995, Geneva) and changes which were agreed in the ITU-T SG11 Rapporteur's meeting (July 1995, Helsinki).

### 2. Summary of differences from the international standards

#### 2.1 Selected option items

None.

#### 2.2 Selected national option items

None.

#### 2.3 Others

(1) This standard does not specify followings comparing with the ITU-T Recommendation.

(a) Appendix I: Additional Definitions (for Usage Parameter Control and Interpretation of sustainable cell rate and maximum burst size)

(b) Appendix II: Generic Cell Rate Algorithm (GCRA)

(c) Appendix III: Relation between Maximum Burst Size and Intrinsic Burst Tolerance in Conjunction with Peak Cell Rate and Sustainable Cell Rate

The reason is that above clauses will be deleted when the ITU-T Recommendation I.371 is revised since each clause contains following note;

"It should be noted that Study Group 13 is producing the definitive work in this area. Therefore the informative text in this Appendix will be superseded by I.371 Recommendation text when available. In the event of conflict, Recommendation I.371 takes precedence over the contents of this Appendix."

(d) Appendix IV.1: ATM Layer Traffic Handling Capabilities

The reason is that this clause describes only following note which is not technical specification and not necessary as a part of standard.

"Recommendation I.371 will be providing the specification of new ATM layer traffic handling capabilities. Part 2 of Recommendation Q.2961.1 will contain an indication of these capabilities that will be specified in revision 1 of I.371. The relationship between these capabilities and the Bearer Classes will be specified and it is not expected that there will be a one-to-one relationship."

### 2.4. Structure Comparison with international standards

According to above differences, this standard specifies subclause Appendix IV.2 Network Specific Codepoint in the ITU-T Recommendation Q.2961.1 as Appendix I.

### 3. Revision records

Version	Date	Outline
1	November 26, 1997	Instituted

#### 4. Remarks

Combinations of subfields of the ATM traffic descriptor information element are not clearly defined in this standard. Table 1 below describes available combinations of subfields of the ATM traffic descriptor information element.

Table 1: Available combinations of subfields of the ATM traffic descriptor information element

pattern No.	PCR		SCR		MBS		tagging option
	CLP=0	CLP=0+1	CLP=0	CLP=0+1	CLP=0	CLP=0+1	
1	-	x	-	-	-	-	-
2	x	x	-	-	-	-	-
3	x	x	-	-	-	-	x
4	-	x	-	x	-	x	-
5	-	x	x	-	x	-	-
6	-	x	x	-	x	-	x

x: specified

-: not specified