SOURCE : Japan
TITLE   : Common Bitrate for H.310 Terminals
PURPOSE : Proposal

1. Introduction

This document proposes that the two common bitrate of 6.xyz Mbit/sec and 9.abc Mbit/sec that were defined at Yokosuka Meeting (Oct. 1995) to be 6.144Mbit/sec and 9.216Mbit/sec, respectively.

2. Background

Our previous document AVC–839, 'Common Bitrate for H.310 Terminals', Oct. 1995, discussed the necessity of defining a single or a set of common bitrate for H.310 terminals.

At Yokosuka Meeting, it was agreed that there shall be two common bitrate, measured at AAL-SAP, and that the bitarate shall be 6.xyz Mbit/sec and 9.abc Mbit/sec, both mutually in simple relationship.

In this document, we propose two specific bitrate that are to be common bitrate.

3. Discussions

We first assume that 9.abc Mbit/sec should be 3/2 times 6.xyz Mbit/sec, because this combination gives the most simple relationsip.

Then, there there shall be the following candidates for the bitrate of 6.xyz Mbit/sec;

$$94 * 64kbit/sec = 6.016 \text{ Mbit/sec}, \quad 96 * 64kbit/sec = 6.144 \text{ Mbit/sec},$$
$$98 * 64kbit/sec = 6.272 \text{ Mbit/sec}, \quad 100 * 64kbit/sec = 6.400 \text{ Mbit/sec},$$
$$102 * 64kbit/sec = 6.528 \text{ Mbit/sec}, \quad 104 * 64kbit/sec = 6.656 \text{ Mbit/sec},$$

and among them, the number 96 ($=2*2*2*2*2*3$) has the largest number of divisors.

Finally, the bitrate of 9.abc Mbit/sec shall be 9.216Mbit/sec ($=(3/2)*96*64kbit/sec$).

7. Conclusion

This document proposes that the two common bitrate shall be 6.144Mbit/sec and 9.216Mbit/sec, respectively.

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