Working Party XV/1
Specialists Group on Coding for Visual Telephony

SOURCE:-France, Italy, Netherlands, UK, & W Germany.

TITLE:- Scope of the nx384kbit/s Recommendation.

The current scope of the forthcoming Recommendation in terms of bit rate is n x 384 kbit/s where n= 1 to 5. It is now our opinion that the scope of the Recommendation should be increased in the next study period to take into account working at m x 64kbit/s where m=2 to 5.

We have come to the above conclusions for the following reasons:-

The performance of the flexible hardware and recent simulation results suggest that with some enhancements of the basic algorithm and the video multiplex, satisfactory performance can be obtained at 64kbit/s.

Customer research within Europe has indicated that it should be possible to use a nx384kbit/s codec to communicate with 2B ISDN terminals by reducing the transmit and receive rate to the ISDN basic access rate.

384kbit/s switched service will first be provided using multiple call set-up on the ISDN. In the event of network congestion the ability to operate at all multiples of m between 2 and 6 will provide distinct quality of service advantages.

PROPOSAL

The Specialists group should regard operation down to 64kbit/s as an essential requirement when drafting the Recommendation for the 'Blue Book'.