

CCITT SGXV
Working Party XV/1

Document # 565
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Specialists Group on Coding for Visual Telephony

SOURCE: VideoTelecom, Bellcore
TITLE: Significant Block Limit

Document # 535, which was presented at the Stuttgart meeting, proposed a technique for limiting the generation rate of significant blocks at the encoder based on the capabilities of the decoder. A significant block was defined to be a coded 8x8 block. However, different implementations may have other limitations which were not addressed by this proposal. To cover all reasonable decoder limitations would result in an extremely complex specification, and could place a significant burden on the encoder.

We have decided not to pursue this proposal any further. It is felt that the decoder capabilities can be adequately defined by the minimum frame interval, QCIF/FCIF capability and maximum value of P. It is felt that the values of 0, 1, 2 and 3 frame periods between coded frames are sufficient to define the minimum frame interval.