

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

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Title: UK Coder Hardware Tape

Source: UK

The pictures shown are from the encoder loop with all parameters set to the initial compatibility check values.

Data rate regulation is from the buffer state, controlling the quantiser on a GOB basis and adaptive picture dropping.

Motion compensation is full search over $-8/+7$ horizontally and vertically. Non-zero vectors activate the loop filter.

Variable rate refresh is included.

The sequences at 384kbit/s (320kbit/s video) are with a 64Kbits buffer. The 2Mbit/s sequences are with a 128Kbit/s buffer.

There are 5 sequences:

1. One person at 384kbit/s (single Newvicon tube camera
2. One person at 2Mbit/s under laboratory fluorescent
3. Two persons at 384kbit/s lighting)
4. Two persons at 2Mbit/s
5. Canoeing at 2Mbit/s (off-air broadcast TV source)