Change to ifsStretchRatio

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Howard points out deficiency in ifsStretchRatio

Definition is essentially:

- Reduce bit rate by 8/n, where n is ifsStretchRatio

Works OK for large n

- Fine granularity where rates are closely matched

Breaks down for n <6

- Lowest rate is 12.5%, very granular for low rates

Needs enhanced method for operation at <75%

2 possibilities

1. Change definition to n/m

   2 variables: ratio enumerator and denominator

   (practically) infinite resolution and range

2. Change to a real (or pseudo real) definition

   1 real variable (probably not useful) or …

   … 2 variables: ratio exponent and mantissa

   Shift left by exponent value, divide by mantissa

Questions…

… or comments

Proposed task force resolution

Change rate control mechanism:

1. Define ratio as enumerator and denominator

… or

2. Define ratio as exponent and mantissa