

Updated RTP Payload format for AC3 Streams

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Technology Strategy

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Summary

- Removed fragment sequence number
- Added time code flag
- Specified jitter requirements
- Implemented test software

AC3 Payload Specific Header

- Removed fragment sequence number field
 - Sequence number field in the RTP header is sufficient
- Added time code flag
 - Allows for faster detection of time code without having to parse the AC3 stream (packet payload).

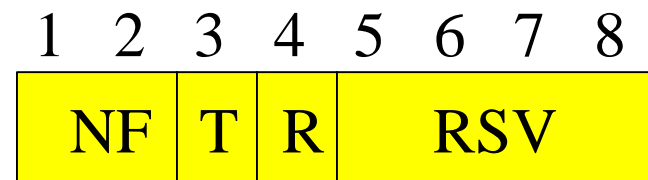


NF = Number of frames

FS = Fragment sequence number

R = redundant data flag

RSV = Reserved



NF = Number of frames

T = Time code flag

R = redundant data flag

RSV = Reserved

Jitter Requirements

- Can a small office or home network meet Jitter requirements for fragmentation
 - Jitter-Bound = Decode-Time(Block 0&1) + $2 \cdot (256/F_s)$

Conclusions

- Last call?