RTP Payload Format for TSVCIS Codec

draft-demjanenko-payload-tsvcis-00

101st IETF - London, UK

Audio/Video Transport Payloads WG

Thursday, 22 March 2018 13:30-15:30
TSVCIS Codec

- **Tactical Secure Voice Cryptographic Interoperability Specification**
  - Based on Naval Research Lab's (NRL's) Variable Data Rate (VDR) Speech Codec
  - Scalable narrowband voice codec augmenting the MELPe encoded parameters
  - Includes MELPe 2400, 1200, and 600 bps rates
  - 22.5, 67.5, and 90 ms respective frame rates
  - Uses a variable number of LSF parameters packed into octets (up to tcmax)
  - Gateways/receivers may pass/use fewer LSF octets
Draft Review Status

• Submitted 10/13/17
  – Reviewed out-of-band
  – No significant text changes so far (minor corrections only)
  – Being considered by various entities
  – Public support is important and should be forthcoming
  – Would like IETF draft status to promote the use of a MELPe compatible RTP transport method (extends RFC 8130)
Future

• Asking for workgroup adoption
• Promote to IETF draft
• Complete as RFC

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