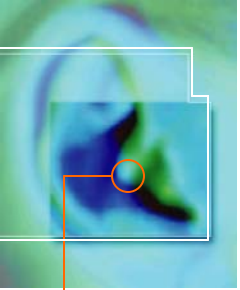


# draft-ietf-avt-ilbc-codec-03 draft-ietf-avt-rtp-ilbc-03

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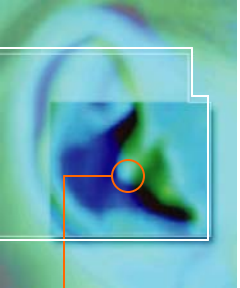




# iLBC – IETF work

IETF deliverables, (first drafts submitted during Feb-02)

- iLBC codec specification draft
  - draft-ietf-avt-ilbc-codec-03
- LBC RTP payload format draft
  - draft-ietf-avt-rtp-ilbc-03
- Statement about IPRs in iLBC and its freeware nature



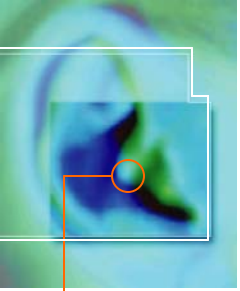
## ... since the last version (RTP Payload Format draft)

- Clarified multiplied frames per packet usage (heading 3.2):
  - 20 ms and 30 ms mode frames SHOULD not be mixed in the same packet
- Storage mode changes (heading 4)
  - Distinguished 20 ms and 30 ms modes files (new magic word)
  - File format for missing packets introduced (through codec draft)
- Mapping to SDP parameters (heading 5)
  - Mode parameter – bi-directional (description)
  - Clarified text related to ptime vs mode usage
- Other comments from WG chair's review
  - Maxptime definition
  - A number of editorial nits (references, usage of normative, ...)



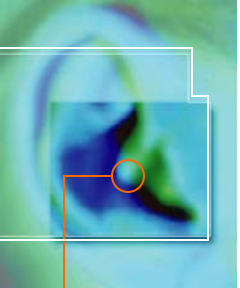
## ... since the last version (Codec specification draft)

- Minor tuning in PLC part (heading 4.5)
  - does not affect interoperability
- Specified empty frames indicator (heading 3.8)
  - for storage mode usage
- Comments from WG chair's review
  - Source code compile errors (due to text formatting), IANA considerations, references, number of other editorial nits



## ... since the last version

- A number of new commercial implementations (TI, Grandstream, ...)
- iLBC available through most of the Linux distributions
- iLBC implemented in Skype (ca 2.5 M downloads)



# The Way Forward

- WGLC

***For demo SIP client with iLBC contact:  
email/sip: [alan.duric@globalipsound.com](mailto:alan.duric@globalipsound.com)***

***More information on iLBC, source code, implementations, ...  
[www.iLBCfreeware.org](http://www.iLBCfreeware.org)***