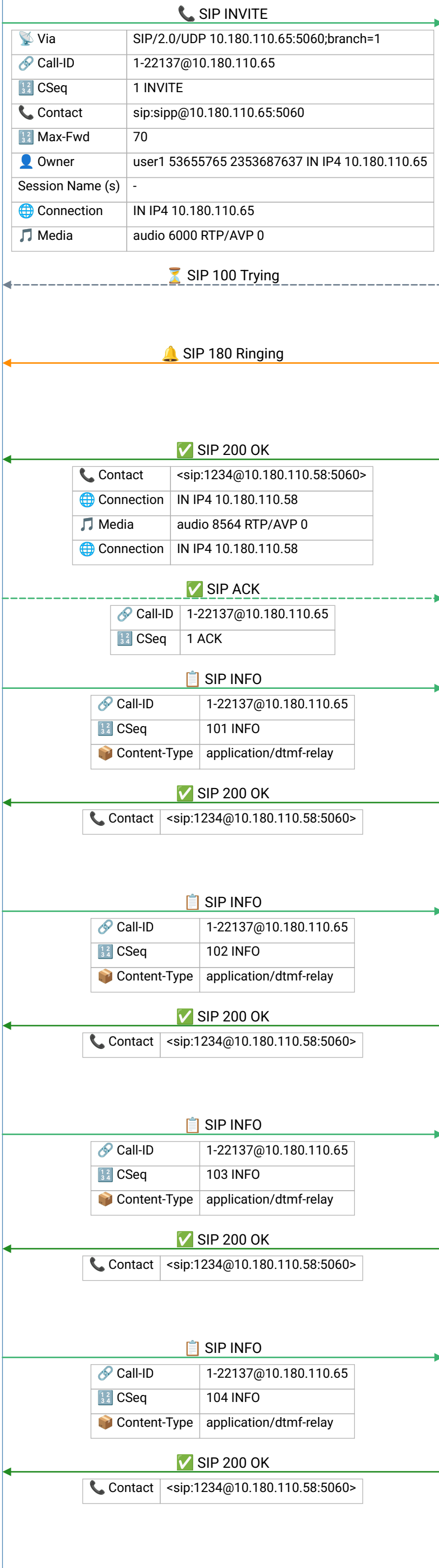


sip_dtmf_info.pcapng



💡 SIP INVITE initiates a call – carries SDP offer with codec/media proposals; callee responds with 180 Ringing, then 200 OK with SDP answer

💡 100 Trying – proxy accepted the request and is searching for the callee; stops retransmission timer; no end-to-end significance

💡 180 Ringing – callee's phone is alerting; caller hears locally generated ringback; 183 with SDP offers early media (in-band ringback) instead

💡 200 OK – call answered (for INVITE) or registration accepted (for REGISTER); SDP answer completes codec negotiation; caller must send ACK to complete 3-way handshake

Frame 5 | 2019-05-04T17:44:03.347973Z

Frame 6 | 2019-05-04T17:44:04.34898Z

💡 200 OK – call answered (for INVITE) or registration accepted (for REGISTER); SDP answer completes codec negotiation; caller must send ACK to complete 3-way handshake

Frame 8 | 2019-05-04T17:44:05.352978Z

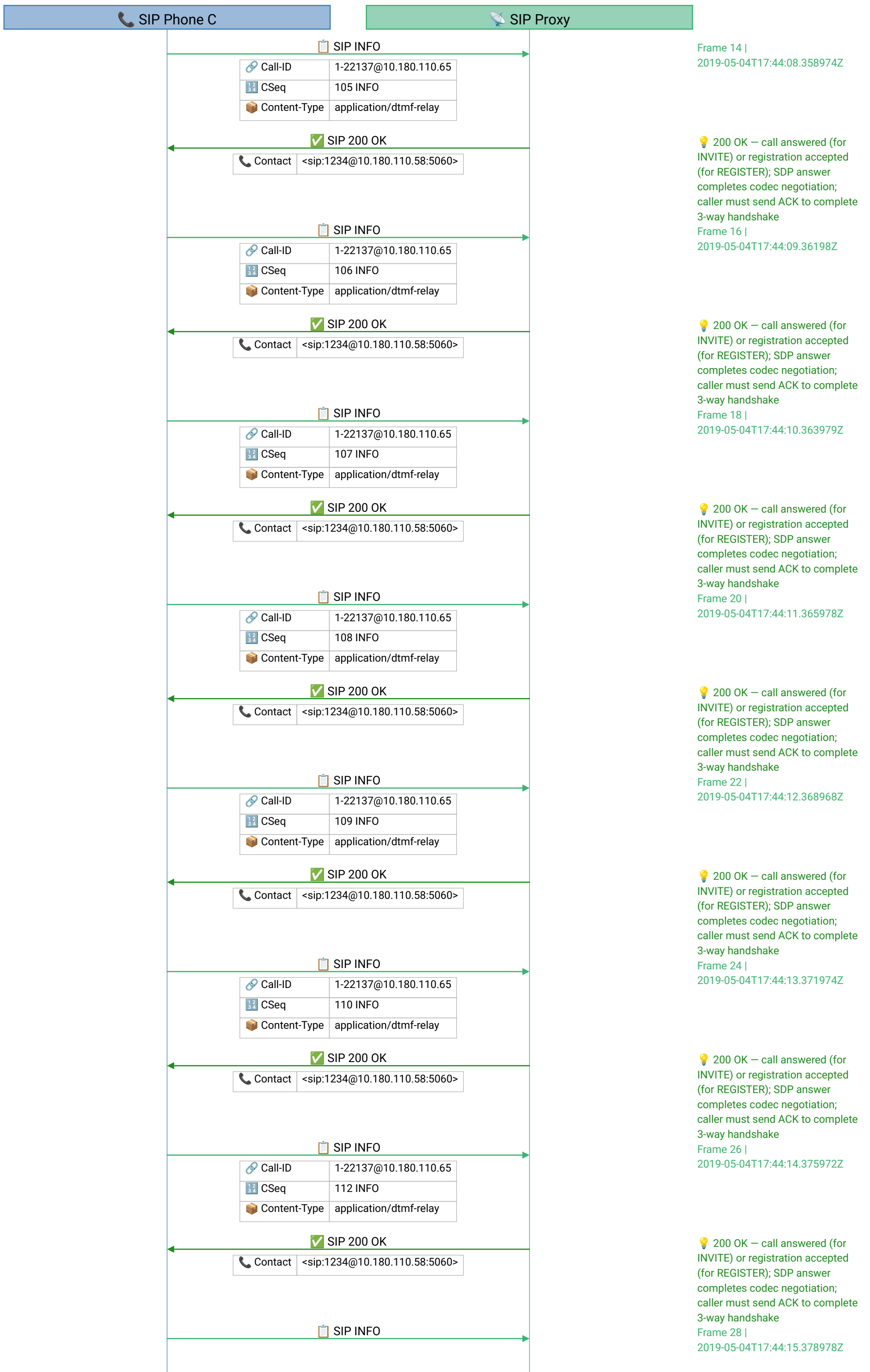
💡 200 OK – call answered (for INVITE) or registration accepted (for REGISTER); SDP answer completes codec negotiation; caller must send ACK to complete 3-way handshake

Frame 10 | 2019-05-04T17:44:06.354977Z

💡 200 OK – call answered (for INVITE) or registration accepted (for REGISTER); SDP answer completes codec negotiation; caller must send ACK to complete 3-way handshake

Frame 12 | 2019-05-04T17:44:07.356976Z

💡 200 OK – call answered (for INVITE) or registration accepted (for REGISTER); SDP answer completes codec negotiation; caller must send ACK to complete 3-way handshake



SIP Phone C

SIP Proxy

Call-ID	1-22137@10.180.110.65
CSeq	113 INFO
Content-Type	application/dtmf-relay

✓ SIP 200 OK

Contact <sip:1234@10.180.110.58:5060>

● SIP BYE

Call-ID	1-22137@10.180.110.65
CSeq	101 BYE
Reason	Q.850;cause=16

✓ SIP 200 OK

Contact <sip:10.180.110.65:5060;transport=UDP>

💡 200 OK – call answered (for INVITE) or registration accepted (for REGISTER); SDP answer completes codec negotiation; caller must send ACK to complete 3-way handshake

💡 SIP BYE terminates an established dialog – both sides send BYE to release media resources; Reason header explains why (e.g., user hangup)

💡 200 OK – call answered (for INVITE) or registration accepted (for REGISTER); SDP answer completes codec negotiation; caller must send ACK to complete 3-way handshake