Frame 56

```
Time
No.
                        Source
                                        Destination
                                                          Protocol Info
   56 2018-04-16 16:30:58.999168 User
                                                 Network
                                                                  TEI
                                                                         Identity Request
Frame 56 (8 bytes on wire, 8 bytes captured)
  Arrival Time: Apr 16, 2018 16:30:58.999168000
  [Time delta from previous captured frame: 2.003968000 seconds]
  [Time delta from previous displayed frame: 2.003968000 seconds]
  [Time since reference or first frame: 19639.640168000 seconds]
  Frame Number: 56
  Frame Length: 8 bytes
  Capture Length: 8 bytes
  [Frame is marked: False]
  [Protocols in frame: isdn:lapd:tei management]
  Point-to-Point Direction: Sent (0)
ISDN
  Channel: D (0)
Link Access Procedure, Channel D (LAPD)
  [Direction: User->Network (0)]
  Address Field: 0xfcff
     1111 11...... = SAPI: Layer 2 management procedures (63)
    .... ..0. .... = C/R: 0
    .... ...0 .... = EA1: 0
    .... 1111 111. = TEI: 127
    .... 1 = EA2: 1
  Control field: U, func=UI (0x03)
    000. \ 00.. = Command: Unnumbered Information (0x00)
    .... ..11 = Frame type: Unnumbered frame (0x03)
TEI Management Procedure, Channel D (LAPD)
Frame 57
No.
      Time
                         Source
                                        Destination
                                                          Protocol Info
   57 2018-04-16 16:30:59.005200 Network
                                                                  TEI Identity Assigned
                                                   User
Frame 57 (8 bytes on wire, 8 bytes captured)
  Arrival Time: Apr 16, 2018 16:30:59.005200000
  [Time delta from previous captured frame: 0.006032000 seconds]
  [Time delta from previous displayed frame: 0.006032000 seconds]
  [Time since reference or first frame: 19639.646200000 seconds]
  Frame Number: 57
  Frame Length: 8 bytes
  Capture Length: 8 bytes
  [Frame is marked: False]
  [Protocols in frame: isdn:lapd:tei management]
  Point-to-Point Direction: Received (1)
ISDN
  Channel: D (0)
Link Access Procedure, Channel D (LAPD)
  [Direction: Network->User (1)]
  Address Field: 0xfeff
```

```
1111 11...... = SAPI: Layer 2 management procedures (63)
    .... .1. .... = C/R: 1
    .... ...0 .... = EA1: 0
    .... 1111 111. = TEI: 127
    .... 1 = EA2: 1
  Control field: U, func=UI (0x03)
    000.\ 00.. = Command: Unnumbered Information (0x00)
    .... ..11 = Frame type: Unnumbered frame (0x03)
TEI Management Procedure, Channel D (LAPD)
Frame 338
      Time
No.
                                        Destination
                                                         Protocol Info
                        Source
  338 2018-04-16 17:44:55.129216 User
                                                 Network
                                                                  LAPD
                                                                           U P, func=SABME
Frame 338 (3 bytes on wire, 3 bytes captured)
  Arrival Time: Apr 16, 2018 17:44:55.129216000
  [Time delta from previous captured frame: 1561.020000000 seconds]
  [Time delta from previous displayed frame: 1561.020000000 seconds]
  [Time since reference or first frame: 24075.770216000 seconds]
  Frame Number: 338
  Frame Length: 3 bytes
  Capture Length: 3 bytes
  [Frame is marked: False]
  [Protocols in frame: isdn:lapd:data]
  Point-to-Point Direction: Sent (0)
ISDN
  Channel: D (0)
Link Access Procedure, Channel D (LAPD)
  [Direction: User->Network (0)]
  Address Field: 0x0081
    0000 00..... = SAPI: Q.931 Call control procedure (0)
    .... ..0. .... = C/R: 0
    .... ...0 .... = EA1: 0
    .... 1000 000. = TEI: 64
    .... 1 = EA2: 1
  Control field: U P, func=SABME (0x7F)
    ...1 .... = Poll: Set
    011. 11.. = Command: Set Asynchronous Balanced Mode Extended (0x1b)
    .... ..11 = Frame type: Unnumbered frame (0x03)
Frame 339
No.
      Time
                                                         Protocol Info
                        Source
                                        Destination
  339 2018-04-16 17:44:55.133216 Network
                                                   User
                                                                  LAPD
                                                                           U F, func=UA
Frame 339 (3 bytes on wire, 3 bytes captured)
  Arrival Time: Apr 16, 2018 17:44:55.133216000
  [Time delta from previous captured frame: 0.004000000 seconds]
  [Time delta from previous displayed frame: 0.004000000 seconds]
  [Time since reference or first frame: 24075.774216000 seconds]
  Frame Number: 339
```

```
Frame Length: 3 bytes
  Capture Length: 3 bytes
  [Frame is marked: False]
  [Protocols in frame: isdn:lapd:data]
  Point-to-Point Direction: Received (1)
ISDN
  Channel: D (0)
Link Access Procedure, Channel D (LAPD)
  [Direction: Network->User (1)]
  Address Field: 0x0081
    0000 00..... = SAPI: Q.931 Call control procedure (0)
    .... ..0. .... = C/R: 0
    .... ...0 .... = EA1: 0
    .... 1000 000. = TEI: 64
     .... 1 = EA2: 1
  Control field: U F, func=UA (0x73)
    ...1 .... = Final: Set
    011.\ 00.. = Response: Unnumbered Acknowledge (0x18)
    .... ...11 = Frame type: Unnumbered frame (0x03)
Frame 340
No.
      Time
                         Source
                                         Destination
                                                          Protocol Info
  340 2018-04-16 17:44:55.163216 User
                                                  Network
                                                                           SETUP
                                                                   0.931
Frame 340 (24 bytes on wire, 24 bytes captured)
  Arrival Time: Apr 16, 2018 17:44:55.163216000
  [Time delta from previous captured frame: 0.030000000 seconds]
  [Time delta from previous displayed frame: 0.030000000 seconds]
  [Time since reference or first frame: 24075.804216000 seconds]
  Frame Number: 340
  Frame Length: 24 bytes
  Capture Length: 24 bytes
  [Frame is marked: False]
  [Protocols in frame: isdn:lapd:q931]
  Point-to-Point Direction: Sent (0)
ISDN
  Channel: D (0)
Link Access Procedure, Channel D (LAPD)
  [Direction: User->Network (0)]
  Address Field: 0x0081
    0000 00...... = SAPI: Q.931 Call control procedure (0)
    .... ..0. .... = C/R: 0
    .... ...0 .... = EA1: 0
    .... 1000 000. = TEI: 64
    .... 1 = EA2: 1
  Control field: I, N(R)=0, N(S)=0 (0x0000)
    0000\ 000.... = N(R): 0
    .... 00000000. = N(S): 0
    .... 0 = \text{Frame type: Information frame } (0x0000)
  Protocol discriminator: Q.931
```

```
Call reference value length: 1
  Call reference flag: Message sent from originating side
  Call reference value: 01
  Message type: SETUP (0x05)
  Bearer capability
     Information element: Bearer capability
     Length: 3
     1... .... = Extension indicator: last octet
     .00. \dots = \text{Coding standard: } \text{ITU-T standardized coding } (0x00)
     ...0 0000 = \text{Information transfer capability: } \frac{\text{Speech}}{\text{Ox}(000)}
     1... = Extension indicator: last octet
     .00. \dots = \text{Transfer mode: Circuit mode } (0x00)
     ...1 0000 = \text{Information transfer rate: } \frac{64 \text{ kbit/s}}{60 \times 100}
     1... = Extension indicator: last octet
     .01. \dots = Layer identification: Layer 1 identifier (0x01)
     ...0 0011 = User information layer 1 protocol: Recommendation G.711 A-law (0x03)
  Calling party number: '100'
     Information element: Calling party number
     Length: 5
     .... 0000 = \text{Numbering plan: Unknown } (0x00)
     .000 \dots = \text{Number type: Unknown } (0x00)
     0... = Extension indicator: information continues through the next octet
     .... ..00 = Screening indicator: User-provided, not screened (0x00)
     .00. \dots = Presentation indicator: Presentation allowed (0x00)
     1... .... = Extension indicator: last octet
     Calling party number digits: 100
  High-layer compatibility
     Information element: High-layer compatibility
     Length: 2
     .00. \dots = Coding standard: ITU-T standardized coding (0x00)
     High layer characteristics identification: Telephony
Frame 342
No.
      Time
                           Source
                                            Destination
                                                               Protocol Info
  342 2018-04-16 17:44:55.177168 Network
                                                        User
                                                                         Q.931
                                                                                 SETUP
ACKNOWLEDGE
Frame 342 (11 bytes on wire, 11 bytes captured)
  Arrival Time: Apr 16, 2018 17:44:55.177168000
  [Time delta from previous captured frame: 0.007984000 seconds]
  [Time delta from previous displayed frame: 0.007984000 seconds]
  [Time since reference or first frame: 24075.818168000 seconds]
  Frame Number: 342
  Frame Length: 11 bytes
  Capture Length: 11 bytes
  [Frame is marked: False]
  [Protocols in frame: isdn:lapd:q931]
  Point-to-Point Direction: Received (1)
ISDN
  Channel: D (0)
Link Access Procedure, Channel D (LAPD)
```

```
[Direction: Network->User (1)]
  Address Field: 0x0281
    0000 00...... = SAPI: Q.931 Call control procedure (0)
     .... .1. .... = C/R: 1
     .... ...0 .... = EA1: 0
    .... 1000 000. = TEI: 64
    .... 1 = EA2: 1
  Control field: I, N(R)=1, N(S)=0 (0x0200)
    0000\ 001.... = N(R): 1
    .... 00000000. = N(S): 0
    .... .... ... 0 = \text{Frame type: Information frame } (0x0000)
0.931
  Protocol discriminator: O.931
  Call reference value length: 1
  Call reference flag: Message sent to originating side
  Call reference value: 01
  Message type: SETUP ACKNOWLEDGE (0x0d)
  Channel identification
    Information element: Channel identification
    Length: 1
     1... = Extension indicator: last octet
     .0.. .... = Interface identifier present: False
     ..0. .... = Interface type: Basic rate interface
     .... 1... = Indicated channel is exclusive: Exclusive; only the indicated channel is acceptable
     \dots 0.. = D-channel indicator: False
     .... ..01 = Information channel selection: B1 channel (0x01)
Frame 344
No.
      Time
                         Source
                                          Destination
                                                           Protocol Info
  344 2018-04-16 17:44:56.463200 User
                                                   Network
                                                                     Q.931
                                                                             INFORMATION
Frame 344 (12 bytes on wire, 12 bytes captured)
  Arrival Time: Apr 16, 2018 17:44:56.463200000
  [Time delta from previous captured frame: 1.272032000 seconds]
  [Time delta from previous displayed frame: 1.272032000 seconds]
  [Time since reference or first frame: 24077.104200000 seconds]
  Frame Number: 344
  Frame Length: 12 bytes
  Capture Length: 12 bytes
  [Frame is marked: False]
  [Protocols in frame: isdn:lapd:q931]
  Point-to-Point Direction: Sent (0)
ISDN
  Channel: D (0)
Link Access Procedure, Channel D (LAPD)
  [Direction: User->Network (0)]
  Address Field: 0x0081
     0000 00..... = SAPI: Q.931 Call control procedure (0)
    .... ..0. .... = C/R: 0
    .... ...0 .... = EA1: 0
     .... 1000 000. = TEI: 64
```

```
.... 1 = EA2: 1
  Control field: I, N(R)=1, N(S)=1 (0x0202)
    0000\ 001.... = N(R): 1
    .... 0000001. = N(S): 1
    .... .... ... 0 = \text{Frame type: Information frame } (0x0000)
O.931
  Protocol discriminator: Q.931
  Call reference value length: 1
  Call reference flag: Message sent from originating side
  Call reference value: 01
  Message type: INFORMATION (0x7b)
  Called party number: '2'
    Information element: Called party number
    Length: 2
    .... 0001 = Numbering plan: E.164 ISDN/telephony numbering (0x01)
    .000 \dots = \text{Number type: Unknown } (0x00)
     1... = Extension indicator: last octet
    Called party number digits: 2
    E.164 Called party number digits: 2
Frame 346
No.
      Time
                         Source
                                         Destination
                                                           Protocol Info
  346 2018-04-16 17:44:56.895184 User
                                                  Network
                                                                    Q.931 INFORMATION
Frame 346 (12 bytes on wire, 12 bytes captured)
  Arrival Time: Apr 16, 2018 17:44:56.895184000
  [Time delta from previous captured frame: 0.426016000 seconds]
  [Time delta from previous displayed frame: 0.426016000 seconds]
  [Time since reference or first frame: 24077.536184000 seconds]
  Frame Number: 346
  Frame Length: 12 bytes
  Capture Length: 12 bytes
  [Frame is marked: False]
  [Protocols in frame: isdn:lapd:q931]
  Point-to-Point Direction: Sent (0)
ISDN
  Channel: D (0)
Link Access Procedure, Channel D (LAPD)
  [Direction: User->Network (0)]
  Address Field: 0x0081
    0000 00...... = SAPI: Q.931 Call control procedure (0)
    .... ..0. .... = C/R: 0
    .... ...0 .... = EA1: 0
    .... 1000 000. = TEI: 64
    .... 1 = EA2: 1
  Control field: I, N(R)=1, N(S)=2 (0x0204)
    0000\ 001.... = N(R): 1
    .... 0000 010 = N(S): 2
    .... 0 = \text{Frame type: Information frame } (0x0000)
  Protocol discriminator: Q.931
```

```
Call reference value length: 1
  Call reference flag: Message sent from originating side
  Call reference value: 01
  Message type: INFORMATION (0x7b)
  Called party number: '0'
    Information element: Called party number
    Length: 2
    .... 0001 = Numbering plan: E.164 ISDN/telephony numbering (0x01)
     .000 \dots = \text{Number type: Unknown } (0x00)
     1... = Extension indicator: last octet
    Called party number digits: 0
    E.164 Called party number digits: 0
Frame 348
No.
      Time
                                         Destination
                         Source
                                                           Protocol Info
  348 2018-04-16 17:44:57.131184 User
                                                  Network
                                                                    Q.931 INFORMATION
Frame 348 (12 bytes on wire, 12 bytes captured)
  Arrival Time: Apr 16, 2018 17:44:57.131184000
  [Time delta from previous captured frame: 0.230016000 seconds]
  [Time delta from previous displayed frame: 0.230016000 seconds]
  [Time since reference or first frame: 24077.772184000 seconds]
  Frame Number: 348
  Frame Length: 12 bytes
  Capture Length: 12 bytes
  [Frame is marked: False]
  [Protocols in frame: isdn:lapd:q931]
  Point-to-Point Direction: Sent (0)
ISDN
  Channel: D (0)
Link Access Procedure, Channel D (LAPD)
  [Direction: User->Network (0)]
  Address Field: 0x0081
    0000 00..... = SAPI: Q.931 Call control procedure (0)
    .... ..0. .... = C/R: 0
    .... ...0 .... = EA1: 0
    .... 1000 000. = TEI: 64
    .... 1 = EA2: 1
  Control field: I, N(R)=1, N(S)=3 (0x0206)
    0000\ 001.... = N(R): 1
    .... 0000011. = N(S): 3
    .... .... ... 0 = \text{Frame type: Information frame } (0x0000)
Q.931
  Protocol discriminator: Q.931
  Call reference value length: 1
  Call reference flag: Message sent from originating side
  Call reference value: 01
  Message type: INFORMATION (0x7b)
  Called party number: '0'
```

Information element: Called party number

Length: 2

```
.... 0001 = \text{Numbering plan: E.164 ISDN/telephony numbering } (0x01)
     .000 \dots = \text{Number type: Unknown } (0x00)
     1... = Extension indicator: last octet
    Called party number digits: 0
    E.164 Called party number digits: 0
Frame 350
No.
      Time
                         Source
                                          Destination
                                                            Protocol Info
  350 2018-04-16 17:44:57.279200 Network
                                                                     Q.931 CALL
                                                     User
PROCEEDING
Frame 350 (11 bytes on wire, 11 bytes captured)
  Arrival Time: Apr 16, 2018 17:44:57.279200000
  [Time delta from previous captured frame: 0.142032000 seconds]
  [Time delta from previous displayed frame: 0.142032000 seconds]
  [Time since reference or first frame: 24077.920200000 seconds]
  Frame Number: 350
  Frame Length: 11 bytes
  Capture Length: 11 bytes
  [Frame is marked: False]
  [Protocols in frame: isdn:lapd:q931]
  Point-to-Point Direction: Received (1)
ISDN
  Channel: D (0)
Link Access Procedure, Channel D (LAPD)
  [Direction: Network->User (1)]
  Address Field: 0x0281
    0000 00..... = SAPI: Q.931 Call control procedure (0)
     .... .1. .... = C/R: 1
    .... ...0 .... = EA1: 0
    .... 1000 000. = TEI: 64
    .... 1 = EA2: 1
  Control field: I, N(R)=4, N(S)=1 (0x0802)
    0000\ 100.... = N(R): 4
    .... 0000001. = N(S): 1
    .... .... 0 = \text{Frame type: Information frame } (0x0000)
O.931
  Protocol discriminator: Q.931
  Call reference value length: 1
  Call reference flag: Message sent to originating side
  Call reference value: 01
  Message type: CALL PROCEEDING (0x02)
  Channel identification
    Information element: Channel identification
    Length: 1
     1... = Extension indicator: last octet
     .0.. .... = Interface identifier present: False
     ..0. .... = Interface type: Basic rate interface
     .... 1... = Indicated channel is exclusive: Exclusive; only the indicated channel is acceptable
     .... .0.. = D-channel indicator: False
     .... ..01 = Information channel selection: B1 channel (0x01)
```

Frame 352

No. Time Source Destination Protocol Info 352 2018-04-16 17:44:57.299216 Network User Q.931 **ALERTING** Frame 352 (8 bytes on wire, 8 bytes captured) Arrival Time: Apr 16, 2018 17:44:57.299216000 [Time delta from previous captured frame: 0.006032000 seconds] [Time delta from previous displayed frame: 0.006032000 seconds] [Time since reference or first frame: 24077.940216000 seconds] Frame Number: 352 Frame Length: 8 bytes Capture Length: 8 bytes [Frame is marked: False] [Protocols in frame: isdn:lapd:q931] Point-to-Point Direction: Received (1) **ISDN** Channel: D (0) Link Access Procedure, Channel D (LAPD) [Direction: Network->User (1)] Address Field: 0x0281 0000 00..... = SAPI: Q.931 Call control procedure (0)1. = C/R: 10 = EA1: 0 1000 000. = TEI: 64 1 = EA2: 1Control field: I, N(R)=4, N(S)=2 (0x0804) $0000\ 100.... = N(R): 4$ 0000 010 = N(S): 2 0 = Frame type: Information frame (0x0000)0.931 Protocol discriminator: Q.931 Call reference value length: 1 Call reference flag: Message sent to originating side Call reference value: 01 Message type: ALERTING (0x01) Frame 354 No. Time Source Destination Protocol Info 354 2018-04-16 17:44:58.629168 Network User 0.931**CONNECT** Frame 354 (15 bytes on wire, 15 bytes captured) Arrival Time: Apr 16, 2018 17:44:58.629168000 [Time delta from previous captured frame: 1.275968000 seconds] [Time delta from previous displayed frame: 1.275968000 seconds] [Time since reference or first frame: 24079.270168000 seconds] Frame Number: 354 Frame Length: 15 bytes Capture Length: 15 bytes [Frame is marked: False]

```
[Protocols in frame: isdn:lapd:q931]
  Point-to-Point Direction: Received (1)
ISDN
  Channel: D (0)
Link Access Procedure, Channel D (LAPD)
  [Direction: Network->User (1)]
  Address Field: 0x0281
    0000 00..... = SAPI: Q.931 Call control procedure (0)
     .... .1. .... = C/R: 1
    .... ...0 .... = EA1: 0
    .... 1000 000. = TEI: 64
    .... 1 = EA2: 1
  Control field: I, N(R)=4, N(S)=3 (0x0806)
    0000\ 100.... = N(R): 4
    .... 0000 011. = N(S): 3
    .... .... ...0 = Frame type: Information frame (0x0000)
Q.931
  Protocol discriminator: Q.931
  Call reference value length: 1
  Call reference flag: Message sent to originating side
  Call reference value: 01
  Message type: CONNECT (0x07)
  Connected number: '200'
    Information element: Connected number
    Length: 5
    .... 0000 = \text{Numbering plan: Unknown } (0x00)
     .000 \dots = \text{Number type: Unknown } (0x00)
    0... .... = Extension indicator: information continues through the next octet
     .... ..00 = Screening indicator: User-provided, not screened (0x00)
     .00. \dots = Presentation indicator: Presentation allowed (0x00)
     1... .... = Extension indicator: last octet
    Connected party number digits: 200
Frame 360
      Time
No.
                         Source
                                         Destination
                                                           Protocol Info
  360 2018-04-16 17:45:04.065184 Network
                                                                    0.931
                                                                            RELEASE
                                                     User
COMPLETE
Frame 360 (8 bytes on wire, 8 bytes captured)
  Arrival Time: Apr 16, 2018 17:45:04.065184000
  [Time delta from previous captured frame: 0.006016000 seconds]
  [Time delta from previous displayed frame: 0.006016000 seconds]
  [Time since reference or first frame: 24084.706184000 seconds]
  Frame Number: 360
  Frame Length: 8 bytes
  Capture Length: 8 bytes
  [Frame is marked: False]
  [Protocols in frame: isdn:lapd:q931]
  Point-to-Point Direction: Received (1)
ISDN
```

```
Channel: D (0)
Link Access Procedure, Channel D (LAPD)
  [Direction: Network->User (1)]
  Address Field: 0x0281
    0000 00..... = SAPI: Q.931 Call control procedure (0)
    .... ..1. .... = C/R: 1
    .... ...0 .... = EA1: 0
    .... 1000 000. = TEI: 64
    .... 1 = EA2: 1
  Control field: I, N(R)=5, N(S)=5 (0x0A0A)
    0000\ 101.... = N(R): 5
    .... 0000 101. = N(S): 5
    .... .... ...0 = Frame type: Information frame (0x0000)
0.931
  Protocol discriminator: Q.931
  Call reference value length: 1
  Call reference flag: Message sent to originating side
  Call reference value: 01
  Message type: RELEASE COMPLETE (0x5a)
Frame 362
No.
      Time
                         Source
                                         Destination
                                                          Protocol Info
  362 2018-04-16 17:45:11.721200 User
                                                 Network
                                                                            U P, func=DISC
                                                                   LAPD
Frame 362 (3 bytes on wire, 3 bytes captured)
  Arrival Time: Apr 16, 2018 17:45:11.721200000
  [Time delta from previous captured frame: 7.502000000 seconds]
  [Time delta from previous displayed frame: 7.502000000 seconds]
  [Time since reference or first frame: 24092.362200000 seconds]
  Frame Number: 362
  Frame Length: 3 bytes
  Capture Length: 3 bytes
  [Frame is marked: False]
  [Protocols in frame: isdn:lapd:data]
  Point-to-Point Direction: Sent (0)
ISDN
  Channel: D (0)
Link Access Procedure, Channel D (LAPD)
  [Direction: User->Network (0)]
  Address Field: 0x0081
    0000 00...... = SAPI: Q.931 Call control procedure (0)
    .... ..0. .... = C/R: 0
    .... ...0 .... = EA1: 0
    .... 1000 000. = TEI: 64
    .... 1 = EA2: 1
  Control field: U P, func=DISC (0x53)
    ...1 .... = Poll: Set
    010. 00.. = Command: Disconnect (0x10)
    .... ...11 = Frame type: Unnumbered frame (0x03)
```

Frame 366 (Blockwahl)

```
Time
No.
                          Source
                                          Destination
                                                            Protocol Info
  366 2018-04-16 17:56:17.227216 User
                                                    Network
                                                                      Q.931
                                                                              SETUP
Frame 366 (30 bytes on wire, 30 bytes captured)
  Arrival Time: Apr 16, 2018 17:56:17.227216000
  [Time delta from previous captured frame: 0.034000000 seconds]
  [Time delta from previous displayed frame: 0.034000000 seconds]
  [Time since reference or first frame: 24757.868216000 seconds]
  Frame Number: 366
  Frame Length: 30 bytes
  Capture Length: 30 bytes
  [Frame is marked: False]
  [Protocols in frame: isdn:lapd:q931]
  Point-to-Point Direction: Sent (0)
ISDN
  Channel: D (0)
Link Access Procedure, Channel D (LAPD)
  [Direction: User->Network (0)]
  Address Field: 0x0081
     0000 00..... = SAPI: Q.931 Call control procedure (0)
     .... ..0. .... = C/R: 0
    .... 0 \dots = EA1: 0
    .... 1000 000. = TEI: 64
     .... 1 = EA2: 1
  Control field: I, N(R)=0, N(S)=0 (0x0000)
    0000\ 000.... = N(R): 0
    .... 00000000. = N(S): 0
     .... .... 0 = \text{Frame type: Information frame } (0x0000)
O.931
  Protocol discriminator: Q.931
  Call reference value length: 1
  Call reference flag: Message sent from originating side
  Call reference value: 01
  Message type: SETUP (0x05)
  Bearer capability
    Information element: Bearer capability
    Length: 3
     1... = Extension indicator: last octet
     .00. \dots = Coding standard: ITU-T standardized coding (0x00)
     ...0 0000 = \text{Information transfer capability: Speech } (0x00)
     1... = Extension indicator: last octet
     .00. \dots = \text{Transfer mode: Circuit mode } (0x00)
     ...1 0000 = Information transfer rate: 64 kbit/s (0x10)
     1... = Extension indicator: last octet
     .01... = Layer identification: Layer 1 identifier (0x01)
     ...0 0011 = User information layer 1 protocol: Recommendation G.711 A-law (0x03)
  Calling party number: '100'
    Information element: Calling party number
    Length: 5
     .... 0000 = \text{Numbering plan: Unknown } (0x00)
     .000 \dots = \text{Number type: Unknown } (0x00)
```

0... = Extension indicator: information continues through the next octet

.... ..00 = Screening indicator: User-provided, not screened (0x00)

 $.00. \dots =$ Presentation indicator: Presentation allowed (0x00)

1... = Extension indicator: last octet

Calling party number digits: 100

Called party number: '200'

Information element: Called party number

Length: 4

.... 0001 = Numbering plan: E.164 ISDN/telephony numbering (0x01)

 $.000 \dots =$ Number type: Unknown (0x00)

1... = Extension indicator: last octet

Called party number digits: 200

E.164 Called party number digits: 200

High-layer compatibility

Information element: High-layer compatibility

Length: 2

 $.00. \dots =$ Coding standard: ITU-T standardized coding (0x00)

High layer characteristics identification: Telephony