

01 Setup

Message - 40 01 10 0F 08 02 25 A5 05 A1 04 03 80 90 A3 18 03 A9 83 83 6C 6C QA 21 80 31 35 34 34 35 38

Time - 08:33:47.200
ISDN Message - Uplink
40 - Port Network 01
01 - Reserved
10 - Carrier Address of D-Channel (E15)
0F - Port Number of D-channel 16
08 - Protocol Discriminator (Q.931)
02 - Call Reference Length
25 A5 - Call Reference 9637 Direction - A->B
05 - Message Type (SETUP)

Information Element A1 - Sending Complete

Information Element 04 - Bearer Capability : 80 90 A3
Length of Information Element - 03 (3 octets)
Octet value = 80
(x00xxxx) = Coding standard - CCIT standardized coding
(xxx00000) = Information transfer capability - speech
Octet value = 90
(x00xxxx) = Transfer Mode - circuit mode
(xxx10000) = Information transfer rate - 64kbit/s
Octet value = A3
(x01xxxx) = Layer 1 identification
User information layer 1 protocol:
(xxx00011) = Recommendation G.711 A-law

Information Element 18 - Channel Identification : A9 83 83
Length of Information Element - 03 (3 octets)
Octet value = A9
(x0xxxxx) = Interface identifier present - interface implicitly identifier
(xx1xxxx) = Interface type - other interface e.g. primary rate
(xxx1xxx) = Preferred/exclusive - exclusive: only the indicated channel is acceptable
(xxxx0xx) = D-channel indicator - the channel identified is not the D-channel
(xxxxx01) = Information channel selection - as indicated in following octets
Octet value = 83
(x00xxxx) = Coding standard - CCIT standardized coding
(xxx0xxxx) = Number/map - channel is indicated by the number in the following octet
(xxx0011) = Channel type / map element - B-channel units
Octet value = 83
Channel number / slot map - 3

Information Element 6C - Calling party number : 21 80 31 35 34 34 35 34 35 38
Length of Information Element - 0A (10 octets)
Octet value = 21
(x010xxx) = Type of number - national number
(xxx0001) = Numbering plan identification - ISDN/Telephony numbering plan (E.164/E.163)
Octet value = 80
(x00xxxx) = Presentation indicator - presentation allowed
(xxxxxx00) = Screening indicator - user provided, not screened
Calling number - 1[REDACTED]8

Information Element 6C - Calling party number : 21 83 31 35 34 34 35 34 35 38
Length of Information Element - 0A (10 octets)
Octet value = 21
(x010xxx) = Type of number - national number
(xxx0001) = Numbering plan identification - ISDN/Telephony numbering plan (E.164/E.163)
Octet value = 83
(x00xxxx) = Presentation indicator - presentation allowed
(xxxxxx11) = Screening indicator - network provided
Calling number - 1[REDACTED]8

Information Element 70 - Called party number : 81 31 37 36 33 38
Length of Information Element - 06 (6 octets)
Octet value = 81
(x000xxxx) = Type of number - unknown
(xxx0001) = Numbering plan identification - ISDN/Telephony numbering plan (E.164/E.163)
Called number - 17638

Message - 40 02 10 0F 08 02 5D 50 05 A1 04 03 80 90 A3 18 03 A9 83 8C 6C 6C QA 21 80 31 35 34 34 35 34 35 38 6C QA 21 83 31 35 34 34 35 34 35 38 70 06 81 31 37 36 33 38

Time - 08:33:48.180
ISDN Message - Uplink
40 - Port Network 01
02 - Reserved
10 - Carrier Address of D-Channel (E15)
0F - Port Number of D-channel 16
08 - Protocol Discriminator (Q.931)
02 - Call Reference Length
5D 50 - Call Reference 23888 Direction - A->B
05 - Message Type (SETUP)

Information Element A1 - Sending Complete

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(xxx00000) = Information transfer capability - speech
Octet value = 90
(x00xxxx) = Transfer Mode - circuit mode
(xxx10000) = Information transfer rate - 64kbit/s
Octet value = A3
(x01xxxx) = Layer 1 identification
User information layer 1 protocol:
(xxx00011) = Recommendation G.711 A-law

Information Element 18 - Channel Identification : A9 83 8C
Length of Information Element - 03 (3 octets)
Octet value = A9
(x0xxxxx) = Interface identifier present - interface implicitly identifier
(xx1xxxx) = Interface type - other interface e.g. primary rate
(xxx1xxx) = Preferred/exclusive - exclusive: only the indicated channel is acceptable
(xxxx0xx) = D-channel indicator - the channel identified is not the D-channel
(xxxxx01) = Information channel selection - as indicated in following octets
Octet value = 83
(x00xxxx) = Coding standard - CCIT standardized coding
(xxx0xxxx) = Number/map - channel is indicated by the number in the following octet
(xxx0011) = Channel type / map element - B-channel units
Octet value = 8C
Channel number / slot map - 12

Information Element 6C - Calling party number : 21 80 31 35 34 34 35 34 35 38
Length of Information Element - 0A (10 octets)
Octet value = 21
(x010xxx) = Type of number - national number
(xxx0001) = Numbering plan identification - ISDN/Telephony numbering plan (E.164/E.163)
Octet value = 80
(x00xxxx) = Presentation indicator - presentation allowed
(xxxxxx00) = Screening indicator - user provided, not screened
Calling number - 1[REDACTED]8

Information Element 6C - Calling party number : 21 83 31 35 34 34 35 34 35 38
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(x010xxx) = Type of number - national number
(xxx0001) = Numbering plan identification - ISDN/Telephony numbering plan (E.164/E.163)
Octet value = 83
(x00xxxx) = Presentation indicator - presentation allowed
(xxxxxx11) = Screening indicator - network provided
Calling number - 1[REDACTED]8

Information Element 70 - Called party number : 81 31 37 36 33 38
Length of Information Element - 06 (6 octets)
Octet value = 81
(x000xxxx) = Type of number - unknown
(xxx0001) = Numbering plan identification - ISDN/Telephony numbering plan (E.164/E.163)
Called number - 17638

02 Call proceeding

Message - 40 01 10 0F 08 02 A5 A5 02 18 03 A9 83 83

Time - 08:33:47.200
ISDN Message - Downlink
40 - Port Network 01
01 - Reserved
10 - Carrier Address of D-Channel (E15)
0F - Port Number of D-channel 16
08 - Protocol Discriminator (Q.931)
02 - Call Reference Length
A5 A5 - Call Reference 9637 Direction - B->A
02 - Message Type (CALL PROCEEDING)

Information Element 18 - Channel Identification : A9 83 83

Length of Information Element - 03 (3 octets)

Octet value = A9

(x0xxxxxx) = Interface identifier present - interface implicitly identifier

(xx1xxxxx) = Interface type - other interface e.g. primary rate

(xxxx1xxx) = Preferred/exclusive - exclusive: only the indicated channel is acceptable

(xxxxx0xx) = D-channel indicator - the channel identified is not the D-channel

(xxxxxx01) = Information channel selection - as indicated in following octets

Octet value = 83

(x00xxxxx) = Coding standard - CCIT standardized coding

(xxx0xxxx) = Number/map - channel is indicated by the number in the following octet

(xxxx0011) = Channel type / map element - B-channel units

Octet value = 83

Channel number / slot map - 3

Message - 40 02 10 0F 08 02 DD 50 02 18 03 A9 83 8C

Time - 08:33:48.180
ISDN Message - Downlink
40 - Port Network 01
02 - Reserved
10 - Carrier Address of D-Channel (E15)
0F - Port Number of D-channel 16
08 - Protocol Discriminator (Q.931)
02 - Call Reference Length
DD 50 - Call Reference 23888 Direction - B->A
02 - Message Type (CALL PROCEEDING)

Information Element 18 - Channel Identification : A9 83 8C

Length of Information Element - 03 (3 octets)

Octet value = A9

(x0xxxxxx) = Interface identifier present - interface implicitly identifier

(xx1xxxxx) = Interface type - other interface e.g. primary rate

(xxxx1xxx) = Preferred/exclusive - exclusive: only the indicated channel is acceptable

(xxxxx0xx) = D-channel indicator - the channel identified is not the D-channel

(xxxxxx01) = Information channel selection - as indicated in following octets

Octet value = 83

(x00xxxxx) = Coding standard - CCIT standardized coding

(xxx0xxxx) = Number/map - channel is indicated by the number in the following octet

(xxxx0011) = Channel type / map element - B-channel units

Octet value = 8C

Channel number / slot map - 12

03 Alerting

Message - 40 01 10 0F 08 02 A5 A5 01

Time - 08:33:47.200
ISDN Message - Downlink
40 - Port Network 01
01 - Reserved
10 - Carrier Address of D-Channel (E15)
0F - Port Number of D-channel 16
08 - Protocol Discriminator (Q.931)
02 - Call Reference Length
A5 A5 - Call Reference 9637 Direction - B->A
01 - Message Type (ALERTING)

Message - 40 02 10 0F 08 02 DD 50 01

Time - 08:33:48.180
ISDN Message - Downlink
40 - Port Network 01
02 - Reserved
10 - Carrier Address of D-Channel (E15)
0F - Port Number of D-channel 16
08 - Protocol Discriminator (Q.931)
02 - Call Reference Length
DD 50 - Call Reference 23888 Direction - B->A
01 - Message Type (ALERTING)

04 Connect

Message - 40 01 10 0F 08 02 A5 A5 07 1E 02 81 82

Time - 08:33:47.200
ISDN Message - Downlink
40 - Port Network 01
01 - Reserved
10 - Carrier Address of D-Channel (E15)
0F - Port Number of D-channel 16
08 - Protocol Discriminator (Q.931)
02 - Call Reference Length
A5 A5 - Call Reference 9637 Direction - B->A
07 - Message Type (CONNECT)

Information Element 1E - Progress Indicator : 81 82
Length of Information Element - 02 (2 octets)
Octet value = 81
(x00xxxxx) = Coding standard - CCIT standardized coding
(xxxx0001) = Location - private network serving the local user
Octet value = 82
(x0000010) = Progress description - Destination address is not-ISDN

Message - 40 02 10 0F 08 02 DD 50 07 1E 02 81 82

Time - 08:33:48.180
ISDN Message - Downlink
40 - Port Network 01
02 - Reserved
10 - Carrier Address of D-Channel (E15)
0F - Port Number of D-channel 16
08 - Protocol Discriminator (Q.931)
02 - Call Reference Length
DD 50 - Call Reference 23888 Direction - B->A
07 - Message Type (CONNECT)

Information Element 1E - Progress Indicator : 81 82
Length of Information Element - 02 (2 octets)
Octet value = 81
(x00xxxxx) = Coding standard - CCIT standardized coding
(xxxx0001) = Location - private network serving the local user
Octet value = 82
(x0000010) = Progress description - Destination address is not-ISDN

05 Connect Acknowledge

Message - 40 01 10 0F 08 02 25 A5 0F

Time - 08:33:47.260
ISDN Message - Uplink
40 - Port Network 01
01 - Reserved
10 - Carrier Address of D-Channel (E15)
0F - Port Number of D-channel 16
08 - Protocol Discriminator (Q.931)
02 - Call Reference Length
25 A5 - Call Reference 9637 Direction - A->B
0F - Message Type (CONNECT ACKNOWLEDGE)

Message - 40 02 10 0F 08 02 5D 50 0F

Time - 08:33:48.240
ISDN Message - Uplink
40 - Port Network 01
02 - Reserved
10 - Carrier Address of D-Channel (E15)
0F - Port Number of D-channel 16
08 - Protocol Discriminator (Q.931)
02 - Call Reference Length
5D 50 - Call Reference 23888 Direction - A->B
0F - Message Type (CONNECT ACKNOWLEDGE)