

# DSPU to Upstream Channel–Attached Host Detailed Sniffer Trace

Document ID: 12406

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## Introduction

This sniffer trace refers to a separate document that describes a sample configuration of DSPU to Upstream Channel–Attached Host.

## Prerequisites

### Requirements

There are no specific requirements for this document.

### Components Used

This document is not restricted to specific software and hardware versions.

## Sniffer Trace

Sniffer Network Analyzer data from 15–Dec–95 at 01:28:46, unsaved capture data, Page 1:

```
----- Frame 18 -----  
  
SUMMARY  Delta T      Destination      Source          Summary  
      18              020011110200    IBM    14F47A        LLC C D=00 S=04 TEST P  
  
LLC: ----- LLC Header -----  
LLC:  
LLC: DSAP Address = 00, DSAP IG Bit = 00 (Individual Address)  
LLC: SSAP Address = 04, SSAP CR Bit = 00 (Command)  
LLC: Unnumbered frame: TEST, POLL  
LLC:  
LLC: [1 bytes of LLC Test data]  
  
ADDR  HEX                                     ASCII  
0000  02 00 11 11 02 00 10 00  5A 14 F4 7A 00 04 00 04  .....Z..z....  
0010  F3 04 2D 00 00 00 02  EB 80 00 12 02 1B 01 00  ..-.....  
0020  40 40 40 40 40 00 00 07  01 00 00 00 00 00 00 00  @@@@.....  
0030  F4 C3 C5 F4 D9 C1 D3 4B  C9 C2 D3 C1  .....K.....
```

- - - - - Frame 19 - - - - -

```
SUMMARY  Delta T      Destination  Source      Summary
          19      0.0002   IBM    14F47A    020011110200    LLC R D=04 S=00 TEST F
```

LLC: ----- LLC Header -----

LLC:

LLC: DSAP Address = 04, DSAP IG Bit = 00 (Individual Address)

LLC: SSAP Address = 00, SSAP CR Bit = 01 (Response)

LLC: Unnumbered frame: TEST, FINAL

LLC:

LLC: [1 bytes of LLC Test data]

```
ADDR  HEX                                     ASCII
0000  10 00 5A 14 F4 7A 02 00  11 11 02 00 00 04 04 01  ..Z..z.....
0010  F3 04 2D 00 00 00 00 02  02 00 11 11 02 00 00 00  ..-.....
0020  00 00 80 00 02 00 11 11  02 00 80 02 00 00 14 00  .....
0030  02 00 0F 00 00 00 00 00  00 00 00 00 00 00 00 00  .....
```

- - - - - Frame 20 - - - - -

```
SUMMARY  Delta T      Destination  Source      Summary
          20      0.0833   020011110200  IBM    14F47A    LLC C D=04 S=04 XID P
```

LLC: ----- LLC Header -----

LLC:

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LLC: DSAP Address = 04, DSAP IG Bit = 00 (Individual Address)

LLC: SSAP Address = 04, SSAP CR Bit = 00 (Command)

LLC: Unnumbered frame: XID, POLL

LLC:

```
ADDR  HEX                                     ASCII
0000  02 00 11 11 02 00 10 00  5A 14 F4 7A 00 03 04 04  .....Z..z....
0010  BF 00 2D 00 00 00 00 02  EB 80 00 12 02 1B 01 00  ..-.....
0020  40 40 40 40 40 00 00 07  01 00 00 00 00 00 00 00  @@@@.....
0030  F4 C3 C5 F4 D9 C1 D3 4B  C9 C2 D3 C1  .....K....
```

- - - - - Frame 21 - - - - -

```
SUMMARY  Delta T      Destination  Source      Summary
          21      0.0007   IBM    14F47A    020011110200    LLC C D=00 S=04 TEST P
```

LLC: ----- LLC Header -----

LLC:

LLC: DSAP Address = 00, DSAP IG Bit = 00 (Individual Address)

LLC: SSAP Address = 04, SSAP CR Bit = 00 (Command)

LLC: Unnumbered frame: TEST, POLL

LLC:

```
ADDR  HEX                                     ASCII
0000  10 00 5A 14 F4 7A 02 00  11 11 02 00 00 03 00 04  ..Z..z.....
0010  F3 00 00 00 00 00 00 00  00 00 00 00 00 00 00 00  .....
0020  00 00 00 00 00 00 00 00  00 00 00 00 00 00 00 00  .....
0030  00 00 00 00 00 00 00 00  00 00 00 00 00 00 00 00  .....
```

- - - - - Frame 22 - - - - -

SUMMARY Delta T Destination Source Summary  
22 0.0006 020011110200 IBM 14F47A LLC R D=04 S=00 TEST F

LLC: ----- LLC Header -----

LLC:

LLC: DSAP Address = 04, DSAP IG Bit = 00 (Individual Address)

LLC: SSAP Address = 00, SSAP CR Bit = 01 (Response)

LLC: Unnumbered frame: TEST, FINAL

LLC:

ADDR	HEX	ASCII
0000	02 00 11 11 02 00 10 00 5A 14 F4 7A 00 03 04 01	.....Z..z....
0010	F3 00 00 00 00 00 00 00 00 00 00 00 00 00 00	.....
0020	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00	.....
0030	00 00 00 00 00 00 00 00 00 00 00 00 00	.....

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- - - - - Frame 23 - - - - -

SUMMARY Delta T Destination Source Summary  
23 0.0025 IBM 14F47A 020011110200 LLC R D=04 S=04 XID F

LLC: ----- LLC Header -----

LLC:

LLC: DSAP Address = 04, DSAP IG Bit = 00 (Individual Address)

LLC: SSAP Address = 04, SSAP CR Bit = 01 (Response)

LLC: Unnumbered frame: XID, FINAL

LLC:

ADDR	HEX	ASCII
0000	10 00 5A 14 F4 7A 02 00 11 11 02 00 00 03 04 05	..Z..z.....
0010	BF 00 00 00 00 00 00 00 00 00 00 00 00 00 00	.....
0020	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00	.....
0030	00 00 00 00 00 00 00 00 00 00 00 00 00	.....

- - - - - Frame 24 - - - - -

SUMMARY Delta T Destination Source Summary  
24 0.0020 020011110200 IBM 14F47A SNA XID Fmt 3 T2 .....K.....

SNA: ----- XID (Exchange Information) -----

SNA:

SNA: XID format = 3, type = 2

SNA: Length of I-field = 98

SNA: Node ID = Block number 05D, ID number 12345

SNA: Node characteristics = 80

SNA: 1... .... = INIT-SELF cannot be sent

SNA: .0.. .... = BIND may be sent without prior INIT-SELF

SNA: ..0. .... = Node can generate BIND PIU segments

SNA: ...0 .... = Node can receive BIND PIU segments

SNA: Node characteristics = 78

SNA: 0... .... = ACTPU for an SSCP-PU session requested

SNA: .... 10.. = Exchange state: Pre-negotiation exchange

SNA: BIND pacing support = C1

```

SNA:          1... .... = Adaptive BIND pacing as a BIND sender supported
SNA:          .1.. .... = Adaptive BIND pacing as a BIND receiver supported
SNA:  DLC type = 1 (SDLC)
SNA:  Length of DLC dependent section = 11 bytes
SNA:  Link station flags = 71
SNA:          .1.. .... = Sender can be an ABM combined station
SNA:          ..11 .... = Sender as primary/secondary is negotiable
SNA:          .... ..01 = Two-way simultaneous transmit-receive
SNA:  Maximum receivable I-field length = 1417 bytes
SNA:  SDLC profile = SNA link station
Sniffer Network Analyzer data from 15-Dec-95 at 01:28:46, unsaved capture data,
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```

```

SNA:  SDLC initialization mode options = 01
SNA:          ..0. .... = SIM and RIM not supported
SNA:  Maximum number of outstanding I-frames = 4
SNA:  Control Vector = 0E (Network Name), Length = 14
SNA:  Network name type = '4' (CP)
SNA:  Network name = ".....K....."
SNA:  Control Vector = 0E (Network Name), Length = 9
SNA:  Network name type = '7' (Link station)
SNA:  Network name = "....."
SNA:  Control Vector = 10 (Product Set ID), Length = 40
SNA:  Network Product ID = ""
SNA:

```

```

ADDR  HEX                                     ASCII
0000  02 00 11 11 02 00 10 00  5A 14 F4 7A 00 65 04 04  .....Z..z.e..
0010  BF 32 62 05 D1 23 45 00  00 80 78 C1 00 00 00 00  .2b..#E...x....
0020  80 00 01 0B 71 00 05 89  00 01 00 00 04 00 0E 0E  ....q.....
0030  F4 C3 C5 F4 D9 C1 D3 4B  C9 C2 D3 C1 C3 D2 0E 09  .....K.....
0040  F7 C8 D6 E2 E3 F0 F0 F0  F1 10 28 00 11 11 04 0E  .....(.....
0050  02 F5 F6 F2 F1 F2 F5 F4  F0 F0 F2 F1 F0 16 11 03  .....
0060  13 00 11 F8 F5 F6 F5 F0  F0 F0 F0 F0 F0 F0 F0 F0  .....
0070  F0 F0 F0                                     ...

```

----- Frame 25 -----

```

SUMMARY  Delta T      Destination  Source          Summary
        25      0.0027  IBM    14F47A    020011110200  LLC C D=04 S=04 SABME P

```

```

LLC:  ----- LLC Header -----
LLC:
LLC:  DSAP Address = 04, DSAP IG Bit = 00 (Individual Address)
LLC:  SSAP Address = 04, SSAP CR Bit = 00 (Command)
LLC:  Unnumbered frame: SABME, POLL
LLC:

```

```

ADDR  HEX                                     ASCII
0000  10 00 5A 14 F4 7A 02 00  11 11 02 00 00 03 04 04  ..Z..z.....
0010  7F 00 00 00 00 00 00 00  00 00 00 00 00 00 00 00  .....
0020  00 00 00 00 00 00 00 00  00 00 00 00 00 00 00 00  .....
0030  00 00 00 00 00 00 00 00  00 00 00 00                                     .....

```

----- Frame 26 -----

```

SUMMARY  Delta T      Destination  Source          Summary
        26      0.0072  020011110200  IBM    14F47A    LLC R D=04 S=04 UA F

```

LLC: ----- LLC Header -----  
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LLC:  
LLC: DSAP Address = 04, DSAP IG Bit = 00 (Individual Address)  
LLC: SSAP Address = 04, SSAP CR Bit = 01 (Response)  
LLC: Unnumbered frame: UA, FINAL  
LLC:

ADDR	HEX	ASCII
0000	02 00 11 11 02 00 10 00 5A 14 F4 7A 00 03 04 05	.....Z..z....
0010	73 00 62 05 D1 23 45 00 00 80 78 C1 00 00 00 00	s.b..#E...x.....
0020	80 00 01 0B 71 00 05 89 00 01 00 00 04 00 0E 0E	....q.....
0030	F4 C3 C5 F4 D9 C1 D3 4B C9 C2 D3 C1	.....K....

----- Frame 27 -----

SUMMARY	Delta T	Destination	Source	Summary
27	0.0003	IBM 14F47A	020011110200	LLC C D=04 S=04 RNR NR=0

LLC: ----- LLC Header -----  
LLC:  
LLC: DSAP Address = 04, DSAP IG Bit = 00 (Individual Address)  
LLC: SSAP Address = 04, SSAP CR Bit = 00 (Command)  
LLC: Supervisory frame: RNR, N(R) = 0  
LLC:

ADDR	HEX	ASCII
0000	10 00 5A 14 F4 7A 02 00 11 11 02 00 00 04 04 04	..Z..z.....
0010	05 00 00 00 00 00 00 00 00 00 00 00 00 00 00	.....
0020	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00	.....
0030	00 00 00 00 00 00 00 00 00 00 00 00 00	.....

----- Frame 28 -----

SUMMARY	Delta T	Destination	Source	Summary
28	0.0004	IBM 14F47A	020011110200	LLC C D=04 S=04 RR NR=0

LLC: ----- LLC Header -----  
LLC:  
LLC: DSAP Address = 04, DSAP IG Bit = 00 (Individual Address)  
LLC: SSAP Address = 04, SSAP CR Bit = 00 (Command)  
LLC: Supervisory frame: RR, N(R) = 0  
LLC:

ADDR	HEX	ASCII
0000	10 00 5A 14 F4 7A 02 00 11 11 02 00 00 04 04 04	..Z..z.....
0010	01 00 00 00 00 00 00 00 00 00 00 00 00 00 00	.....
0020	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00	.....
0030	00 00 00 00 00 00 00 00 00 00 00 00	.....

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----- Frame 29 -----

SUMMARY	Delta T	Destination	Source	Summary
29	0.0001	00	00	SNA C SC ACTPU PU5

SNA: ----- Transmission Header -----

SNA:

SNA: Format identification (FID) = 2

SNA:

SNA: Header flags = 2D

SNA: 0010 .... = Format identification

SNA: .... 11.. = Only segment

SNA: .... ..0. = Address field negotiation flag

SNA: .... ...1 = Expedited flow

SNA: Destination address = 00

SNA: Source address = 00

SNA: Sequence number = 3

SNA:

SNA: ----- Request Header (RH) -----

SNA:

SNA: RH byte 0 = 6B

SNA: 0... .... = Request

SNA: .11. .... = RU category is 'session control'

SNA: .... 1... = FM or NS header follows

SNA: .... .0.. = Sense data not included

SNA: .... ..11 = Only RU in chain

SNA: RH byte 1 = 80

SNA: 1.00 .... = Definite response requested

SNA: .... .0.. = Larger pacing window not requested

SNA: .... ..0. = Response bypasses TC queues

SNA: .... ...0 = Pacing indicator

SNA: RH byte 2 = 00

SNA: 0... .... = Begin bracket indicator

SNA: .0.. .... = End bracket indicator

SNA: ..0. .... = Change direction indicator

SNA: .... 0... = Character code selection indicator

SNA: .... .0.. = Enciphered data indicator

SNA: .... ..0. = Padded data indicator

SNA: .... ...0 = Conditional end bracket indicator

SNA:

SNA: ----- SC-RU (Session Control) -----

SNA:

SNA: REQUEST: Code = 11 (ACTPU: Activate Physical Unit)

SNA: Flags = 01

SNA: 0000 .... = Format 0

SNA: .... 0001 = COLD activation type

SNA: FM profile = 0, TS profile = 1

SNA: PU type = 5

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SNA: Implementation dependent identification = 0000000000

SNA:

ADDR	HEX	ASCII
0000	10 00 5A 14 F4 7A 02 00 11 11 02 00 00 16 04 04	..Z..z.....
0010	00 00 2D 00 00 00 00 03 6B 80 00 11 01 05 00	..-.....k.....
0020	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00	.....
0030	00 00 00 00 00 00 00 00 00 00 00 00 00	.....

- - - - - Frame 30 - - - - -

```

SUMMARY Delta T Destination Source Summary
        30 0.0045 00          00          SNA +R SC ACTPU

```

SNA: ----- Transmission Header -----

SNA:  
SNA: Format identification (FID) = 2  
SNA:  
SNA: Header flags = 2D  
SNA: 0010 .... = Format identification  
SNA: .... 11.. = Only segment  
SNA: .... ..0. = Address field negotiation flag  
SNA: .... ...1 = Expedited flow  
SNA: Destination address = 00  
SNA: Source address = 00  
SNA: Sequence number = 3  
SNA:

SNA: ----- Response Header (RH) -----

SNA:  
SNA: RH byte 0 = EB  
SNA: 1... .... = Response  
SNA: .11. .... = RU category is 'session control'  
SNA: .... 1... = FM or NS header follows  
SNA: .... .0.. = Sense data not included  
SNA: .... ..11 = Only RU in chain  
SNA: RH byte 1 = 80  
SNA: 1... .... = Definite response 1 indicator  
SNA: ..0. .... = Definite response 2 indicator  
SNA: ...0 .... = Positive response type  
SNA: .... ..0. = Response bypasses TC queues  
SNA: .... ...0 = Pacing indicator  
SNA: RH byte 2 = 00  
SNA: 0000 0000 = Reserved  
SNA:

SNA: ----- SC-RU (Session Control) -----

SNA:  
SNA: + RESPONSE: Code = 11 (ACTPU: Activate Physical Unit)  
SNA: Flags = 11  
SNA: ..01 .... = Format unknown

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SNA: .... 0001 = COLD activation type  
SNA: Contents ID = "@@@@@@@"  
SNA: Reserved (2 bytes)  
SNA: Control Vectors (8 byte(s))  
SNA:

ADDR	HEX	ASCII
0000	02 00 11 11 02 00 10 00 5A 14 F4 7A 00 21 04 04	.....Z..z.!..
0010	00 02 2D 00 00 00 00 03 EB 80 00 11 11 40 40 40	..-.....@@@
0020	40 40 40 40 40 00 00 07 01 00 00 00 00 00 00	@@@@@.....
0030	F4 C3 C5 F4 D9 C1 D3 4B C9 C2 D3 C1	.....K....

----- Frame 31 -----

```

SUMMARY Delta T Destination Source Summary
        31 0.0007 02          00          SNA C SC ACTLU

```

SNA: ----- Transmission Header -----

SNA:  
SNA: Format identification (FID) = 2

```

SNA:
SNA: Header flags = 2D
SNA:   0010 .... = Format identification
SNA:   .... 11.. = Only segment
SNA:   .... ..0. = Address field negotiation flag
SNA:   .... ...1 = Expedited flow
SNA: Destination address = 02
SNA: Source      address = 00
SNA: Sequence number = 4
SNA:
SNA: ----- Request Header (RH) -----
SNA:
SNA: RH byte 0          = 6B
SNA:   0... .... = Request
SNA:   .11. .... = RU category is 'session control'
SNA:   .... 1... = FM or NS header follows
SNA:   .... .0.. = Sense data not included
SNA:   .... ..11 = Only RU in chain
SNA: RH byte 1          = 80
SNA:   1.00 .... = Definite response requested
SNA:   .... .0.. = Larger pacing window not requested
SNA:   .... ..0. = Response bypasses TC queues
SNA:   .... ...0 = Pacing indicator
SNA: RH byte 2          = 00
SNA:   0... .... = Begin bracket indicator
SNA:   .0.. .... = End bracket indicator
SNA:   ..0. .... = Change direction indicator
SNA:   .... 0... = Character code selection indicator
SNA:   .... .0.. = Enciphered data indicator
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```

```

SNA:   .... ..0. = Padded data indicator
SNA:   .... ...0 = Conditional end bracket indicator
SNA:
SNA: ----- SC-RU (Session Control) -----
SNA:
SNA: REQUEST:   Code = 0D (ACTLU: Activate Logical Unit)
SNA: Activation type = 1 (COLD)
SNA: FM profile = 0      TS profile = 1
SNA:

```

ADDR	HEX	ASCII
0000	10 00 5A 14 F4 7A 02 00 11 11 02 00 00 10 04 04	..Z..z.....
0010	02 02 2D 00 02 00 00 04 6B 80 00 0D 01 01 00 00	..-.....k.....
0020	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00	.....
0030	00 00 00 00 00 00 00 00 00 00 00 00 00	.....

- - - - - Frame 32 - - - - -

SUMMARY	Delta T	Destination	Source	Summary
32	0.0002	03	00	SNA C SC ACTLU

```

SNA: ----- Transmission Header -----
SNA:
SNA: Format identification (FID) = 2
SNA:
SNA: Header flags = 2D
SNA:   0010 .... = Format identification
SNA:   .... 11.. = Only segment
SNA:   .... ..0. = Address field negotiation flag

```

```

SNA:      .... ...1 = Expedited flow
SNA: Destination address = 03
SNA: Source      address = 00
SNA: Sequence number = 5
SNA:
SNA: ----- Request Header (RH) -----
SNA:
SNA: RH byte 0          = 6B
SNA:      0... .... = Request
SNA:      .11. .... = RU category is 'session control'
SNA:      .... 1... = FM or NS header follows
SNA:      .... .0.. = Sense data not included
SNA:      .... ..11 = Only RU in chain
SNA: RH byte 1          = 80
SNA:      1.00 .... = Definite response requested
SNA:      .... .0.. = Larger pacing window not requested
SNA:      .... ..0. = Response bypasses TC queues
SNA:      .... ...0 = Pacing indicator
SNA: RH byte 2          = 00
SNA:      0... .... = Begin bracket indicator
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```

```

SNA:      .0.. .... = End bracket indicator
SNA:      ..0. .... = Change direction indicator
SNA:      .... 0... = Character code selection indicator
SNA:      .... .0.. = Enciphered data indicator
SNA:      .... ..0. = Padded data indicator
SNA:      .... ...0 = Conditional end bracket indicator
SNA:

```

```

SNA: ----- SC-RU (Session Control) -----
SNA:
SNA: REQUEST: Code = 0D (ACTLU: Activate Logical Unit)
SNA: Activation type = 1 (COLD)
SNA: FM profile = 0      TS profile = 1
SNA:

```

ADDR	HEX	ASCII
0000	10 00 5A 14 F4 7A 02 00 11 11 02 00 00 10 04 04	..Z..z.....
0010	04 02 2D 00 03 00 00 05 6B 80 00 0D 01 01 00 00	..-.....k.....
0020	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00	.....
0030	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00	.....

----- Frame 33 -----

SUMMARY	Delta T	Destination	Source	Summary
33	0.0002	04	00	SNA C SC ACTLU

```

SNA: ----- Transmission Header -----
SNA:
SNA: Format identification (FID) = 2
SNA:
SNA: Header flags = 2D
SNA:      0010 .... = Format identification
SNA:      .... 11.. = Only segment
SNA:      .... ..0. = Address field negotiation flag
SNA:      .... ...1 = Expedited flow
SNA: Destination address = 04
SNA: Source      address = 00
SNA: Sequence number = 6
SNA:

```

```

SNA: ----- Request Header (RH) -----
SNA:
SNA: RH byte 0          = 6B
SNA:      0... .. = Request
SNA:      .11. .... = RU category is 'session control'
SNA:      .... 1... = FM or NS header follows
SNA:      .... .0.. = Sense data not included
SNA:      .... ..11 = Only RU in chain
SNA: RH byte 1          = 80
SNA:      1.00 .... = Definite response requested
SNA:      .... .0.. = Larger pacing window not requested
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```

```

SNA:      .... ..0. = Response bypasses TC queues
SNA:      .... ...0 = Pacing indicator
SNA: RH byte 2          = 00
SNA:      0... .. = Begin bracket indicator
SNA:      .0.. .... = End bracket indicator
SNA:      ..0. .... = Change direction indicator
SNA:      .... 0... = Character code selection indicator
SNA:      .... .0.. = Enciphered data indicator
SNA:      .... ..0. = Padded data indicator
SNA:      .... ...0 = Conditional end bracket indicator
SNA:
SNA: ----- SC-RU (Session Control) -----
SNA:
SNA: REQUEST:   Code = 0D (ACTLU: Activate Logical Unit)
SNA: Activation type = 1 (COLD)
SNA: FM profile = 0          TS profile = 1
SNA:

```

ADDR	HEX	ASCII
0000	10 00 5A 14 F4 7A 02 00 11 11 02 00 00 10 04 04	..Z..z.....
0010	06 02 2D 00 04 00 00 06 6B 80 00 0D 01 01 00 00	..-.....k.....
0020	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00	.....
0030	00 00 00 00 00 00 00 00 00 00 00 00 00	.....

----- Frame 34 -----

SUMMARY	Delta T	Destination	Source	Summary
34	0.0005	020011110200	IBM 14F47A	LLC R D=04 S=04 RR NR=3

```

LLC: ----- LLC Header -----
LLC:
LLC: DSAP Address = 04, DSAP IG Bit = 00 (Individual Address)
LLC: SSAP Address = 04, SSAP CR Bit = 01 (Response)
LLC: Supervisory frame: RR, N(R) = 3
LLC:

```

ADDR	HEX	ASCII
0000	02 00 11 11 02 00 10 00 5A 14 F4 7A 00 04 04 05	.....Z..z....
0010	01 06 2D 00 00 00 00 03 EB 80 00 11 11 40 40 40	..-.....@@@
0020	40 40 40 40 40 00 00 07 01 00 00 00 00 00 00 00	@@@@.....
0030	F4 C3 C5 F4 D9 C1 D3 4B C9 C2 D3 C1	.....K....

----- Frame 35 -----

SUMMARY	Delta T	Destination	Source	Summary
---------	---------	-------------	--------	---------

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```

SNA: ----- Transmission Header -----
SNA:
SNA: Format identification (FID) = 2
SNA:
SNA: Header flags = 2D
SNA:   0010 .... = Format identification
SNA:   .... 11.. = Only segment
SNA:   .... ..0. = Address field negotiation flag
SNA:   .... ...1 = Expedited flow
SNA: Destination address = 00
SNA: Source address = 03
SNA: Sequence number = 5
SNA:
SNA: ----- Response Header (RH) -----
SNA:
SNA: RH byte 0 = EB
SNA:   1... .... = Response
SNA:   .11. .... = RU category is 'session control'
SNA:   .... 1... = FM or NS header follows
SNA:   .... .0.. = Sense data not included
SNA:   .... ..11 = Only RU in chain
SNA: RH byte 1 = 80
SNA:   1... .... = Definite response 1 indicator
SNA:   ..0. .... = Definite response 2 indicator
SNA:   ...0 .... = Positive response type
SNA:   .... ..0. = Response bypasses TC queues
SNA:   .... ...0 = Pacing indicator
SNA: RH byte 2 = 00
SNA:   0000 0000 = Reserved
SNA:
SNA: ----- SC-RU (Session Control) -----
SNA:
SNA: + RESPONSE: Code = 0D (ACTLU: Activate Logical Unit)
SNA: Activation type = 1 (COLD)
SNA: FM profile = 0, TS profile = 1
SNA: Control vector = 00 (SSCP-LU session capabilities)
SNA: Maximum RU size = 256
SNA: LU capabilities = 0X
SNA:   0... .... = SSCP may not send unsolicited character-coded reqs
SNA:   .0.. .... = SSCP may not send unsolicited field-formatted reqs
SNA: Control vector = 0C (LU-LU session services)
SNA: Secondary LU capability = X1
SNA:   .... 0001 = Disabled
SNA: LU-LU session limit = 1
SNA: LU-LU session count = 0
SNA:

```

```

ADDR  HEX                                     ASCII
0000  02 00 11 11 02 00 10 00  5A 14 F4 7A 00 1D 04 04  .....Z..z....
0010  02 08 2D 00 00 03 00 05  EB 80 00 0D 01 01 00 85  ..-.....
0020  00 00 00 0C 06 01 00 01  00 00 00 00 00 00 00 00  .....

```

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```

0030  F4 C3 C5 F4 D9 C1 D3 4B  C9 C2 D3 C1  .....K....

```

- - - - - Frame 36 - - - - -

SUMMARY Delta T Destination Source Summary  
36 0.0009 00 04 SNA +R SC ACTLU

SNA: ----- Transmission Header -----

SNA:

SNA: Format identification (FID) = 2

SNA:

SNA: Header flags = 2D

SNA: 0010 .... = Format identification

SNA: .... 11.. = Only segment

SNA: .... ..0. = Address field negotiation flag

SNA: .... ...1 = Expedited flow

SNA: Destination address = 00

SNA: Source address = 04

SNA: Sequence number = 6

SNA:

SNA: ----- Response Header (RH) -----

SNA:

SNA: RH byte 0 = EB

SNA: 1... .... = Response

SNA: .11. .... = RU category is 'session control'

SNA: .... 1... = FM or NS header follows

SNA: .... .0.. = Sense data not included

SNA: .... ..11 = Only RU in chain

SNA: RH byte 1 = 80

SNA: 1... .... = Definite response 1 indicator

SNA: ..0. .... = Definite response 2 indicator

SNA: ...0 .... = Positive response type

SNA: .... ..0. = Response bypasses TC queues

SNA: .... ...0 = Pacing indicator

SNA: RH byte 2 = 00

SNA: 0000 0000 = Reserved

SNA:

SNA: ----- SC-RU (Session Control) -----

SNA:

SNA: + RESPONSE: Code = 0D (ACTLU: Activate Logical Unit)

SNA: Activation type = 1 (COLD)

SNA: FM profile = 0, TS profile = 1

SNA: Control vector = 00 (SSCP-LU session capabilities)

SNA: Maximum RU size = 256

SNA: LU capabilities = 0X

SNA: 0... .... = SSCP may not send unsolicited character-coded reqs

SNA: .0.. .... = SSCP may not send unsolicited field-formatted reqs

SNA: Control vector = 0C (LU-LU session services)

SNA: Secondary LU capability = X1

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SNA: .... 0001 = Disabled

SNA: LU-LU session limit = 1

SNA: LU-LU session count = 0

SNA:

ADDR	HEX	ASCII
0000	02 00 11 11 02 00 10 00 5A 14 F4 7A 00 1D 04 04	.....Z..z....
0010	04 08 2D 00 00 04 00 06 EB 80 00 0D 01 01 00 85	..-.....
0020	00 00 00 0C 06 01 00 01 00 00 00 00 00 00 00	.....
0030	F4 C3 C5 F4 D9 C1 D3 4B C9 C2 D3 C1	.....K....

- - - - - Frame 37 - - - - -

SUMMARY Delta T Destination Source Summary  
37 0.0043 05 00 SNA C SC ACTLU

SNA: ----- Transmission Header -----

SNA:

SNA: Format identification (FID) = 2

SNA:

SNA: Header flags = 2D

SNA: 0010 .... = Format identification

SNA: .... 11.. = Only segment

SNA: .... ..0. = Address field negotiation flag

SNA: .... ...1 = Expedited flow

SNA: Destination address = 05

SNA: Source address = 00

SNA: Sequence number = 7

SNA:

SNA: ----- Request Header (RH) -----

SNA:

SNA: RH byte 0 = 6B

SNA: 0... .... = Request

SNA: .11. .... = RU category is 'session control'

SNA: .... 1... = FM or NS header follows

SNA: .... .0.. = Sense data not included

SNA: .... ..11 = Only RU in chain

SNA: RH byte 1 = 80

SNA: 1.00 .... = Definite response requested

SNA: .... .0.. = Larger pacing window not requested

SNA: .... ..0. = Response bypasses TC queues

SNA: .... ...0 = Pacing indicator

SNA: RH byte 2 = 00

SNA: 0... .... = Begin bracket indicator

SNA: .0.. .... = End bracket indicator

SNA: ..0. .... = Change direction indicator

SNA: .... 0... = Character code selection indicator

SNA: .... .0.. = Enciphered data indicator

SNA: .... ..0. = Padded data indicator

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SNA: .... ...0 = Conditional end bracket indicator

SNA:

SNA: ----- SC-RU (Session Control) -----

SNA:

SNA: REQUEST: Code = 0D (ACTLU: Activate Logical Unit)

SNA: Activation type = 1 (COLD)

SNA: FM profile = 0 TS profile = 1

SNA:

ADDR	HEX	ASCII
0000	10 00 5A 14 F4 7A 02 00 11 11 02 00 00 10 04 04	..Z..z.....
0010	08 06 2D 00 05 00 00 07 6B 80 00 0D 01 01 00 00	..-.....k.....
0020	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00	.....
0030	00 00 00 00 00 00 00 00 00 00 00 00 00	.....

- - - - - Frame 38 - - - - -

SUMMARY Delta T Destination Source Summary  
38 0.0017 00 05 SNA +R SC ACTLU

```

SNA: ----- Transmission Header -----
SNA:
SNA: Format identification (FID) = 2
SNA:
SNA: Header flags = 2D
SNA:   0010 .... = Format identification
SNA:   .... 11.. = Only segment
SNA:   .... ..0. = Address field negotiation flag
SNA:   .... ...1 = Expedited flow
SNA: Destination address = 00
SNA: Source      address = 05
SNA: Sequence number = 7
SNA:
SNA: ----- Response Header (RH) -----
SNA:
SNA: RH byte 0          = EB
SNA:   1... .... = Response
SNA:   ..11. .... = RU category is 'session control'
SNA:   .... 1... = FM or NS header follows
SNA:   .... .0.. = Sense data not included
SNA:   .... ..11 = Only RU in chain
SNA: RH byte 1          = 80
SNA:   1... .... = Definite response 1 indicator
SNA:   ..0. .... = Definite response 2 indicator
SNA:   ...0 .... = Positive response type
SNA:   .... ..0. = Response bypasses TC queues
SNA:   .... ...0 = Pacing indicator
SNA: RH byte 2          = 00
SNA:   0000 0000 = Reserved
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```

```

SNA:
SNA: ----- SC-RU (Session Control) -----
SNA:
SNA: + RESPONSE: Code = 0D (ACTLU: Activate Logical Unit)
SNA: Activation type = 1 (COLD)
SNA: FM profile = 0, TS profile = 1
SNA: Control vector = 00 (SSCP-LU session capabilities)
SNA: Maximum RU size = 256
SNA: LU capabilities = 0X
SNA:   0... .... = SSCP may not send unsolicited character-coded reqs
SNA:   .0.. .... = SSCP may not send unsolicited field-formatted reqs
SNA: Control vector = 0C (LU-LU session services)
SNA: Secondary LU capability = X1
SNA:   .... 0001 = Disabled
SNA: LU-LU session limit = 1
SNA: LU-LU session count = 0
SNA:

```

ADDR	HEX	ASCII
0000	02 00 11 11 02 00 10 00 5A 14 F4 7A 00 1D 04 04	.....Z..z....
0010	06 0A 2D 00 00 05 00 07 EB 80 00 0D 01 01 00 85	..-.....
0020	00 00 00 0C 06 01 00 01 00 00 00 00 00 00 00 00	.....
0030	F4 C3 C5 F4 D9 C1 D3 4B C9 C2 D3 C1	.....K....

----- Frame 39 -----

SUMMARY	Delta T	Destination	Source	Summary
39	0.0967	IBM 14F47A	020011110200	LLC C D=04 S=04 RR NR=4

```

LLC: ----- LLC Header -----
LLC:
LLC: DSAP Address = 04, DSAP IG Bit = 00 (Individual Address)
LLC: SSAP Address = 04, SSAP CR Bit = 00 (Command)
LLC: Supervisory frame: RR, N(R) = 4
LLC:

```

```

ADDR  HEX                                     ASCII
0000  10 00 5A 14 F4 7A 02 00  11 11 02 00 00 04 04 04  ..Z..z.....
0010  01 08 00 00 00 00 00 00  00 00 00 00 00 00 00 00  .....
0020  00 00 00 00 00 00 00 00  00 00 00 00 00 00 00 00  .....
0030  00 00 00 00 00 00 00 00  00 00 00 00  .....

```

----- Frame 40 -----

```

SUMMARY  Delta T      Destination  Source      Summary
         40      0.3935  00                04          SNA  C FMD NS NOTIFY

```

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```

SNA: ----- Transmission Header -----
SNA:
SNA: Format identification (FID) = 2
SNA:
SNA: Header flags = 2C
SNA:   0010 .... = Format identification
SNA:   .... 11.. = Only segment
SNA:   .... ..0. = Address field negotiation flag
SNA:   .... ...0 = Normal flow
SNA: Destination address = 00
SNA: Source      address = 04
SNA: Sequence number = 0
SNA:
SNA: ----- Request Header (RH) -----
SNA:
SNA: RH byte 0          = 0B
SNA:   0... .... = Request
SNA:   .00. .... = RU category is 'function management data'
SNA:   .... 1... = FM or NS header follows
SNA:   .... .0.. = Sense data not included
SNA:   .... ..11 = Only RU in chain
SNA: RH byte 1          = 80
SNA:   1.00 .... = Definite response requested
SNA:   .... .0.. = Larger pacing window not requested
SNA:   .... ..0. = Response bypasses TC queues
SNA:   .... ...0 = Pacing indicator
SNA: RH byte 2          = 00
SNA:   0... .... = Begin bracket indicator
SNA:   .0.. .... = End bracket indicator
SNA:   ..0. .... = Change direction indicator
SNA:   .... 0... = Character code selection indicator
SNA:   .... .0.. = Enciphered data indicator
SNA:   .... ..0. = Padded data indicator
SNA:   .... ...0 = Conditional end bracket indicator
SNA:
SNA: ----- FMD-RU (Function Management Data) -----
SNA:
SNA: REQUEST:   FMD NS header = 810620 (NOTIFY: Notify - SSCP <-> LU)
SNA: Key = 0C (LU-LU Session Services Capabilities)

```

```

SNA: Length of vector data = 6
SNA: LU-LU session capability = X3
SNA:      .... 0011 = SLU capability is enabled
SNA:

```

```

ADDR  HEX                                  ASCII
0000  02 00 11 11 02 00 10 00  5A 14 F4 7A 00 18 04 04  .....Z..z....
0010  08 0A 2C 00 00 04 00 00  0B 80 00 81 06 20 0C 06  ..,.....
0020  03 00 01 00 00 00 00 01  00 00 00 00 00 00 00 00  .....
0030  F4 C3 C5 F4 D9 C1 D3 4B  C9 C2 D3 C1  .....K....

```

- - - - - Frame 41 - - - - -

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```

SUMMARY  Delta T      Destination  Source      Summary
         41      0.0055  00                05      SNA  C  FMD  NS  NOTIFY

```

```

SNA: ----- Transmission Header -----
SNA:
SNA: Format identification (FID) = 2
SNA:
SNA: Header flags = 2C
SNA:   0010 .... = Format identification
SNA:   .... 11.. = Only segment
SNA:   .... ..0. = Address field negotiation flag
SNA:   .... ...0 = Normal flow
SNA: Destination address = 00
SNA: Source      address = 05
SNA: Sequence number = 0
SNA:
SNA: ----- Request Header (RH) -----
SNA:
SNA: RH byte 0          = 0B
SNA:   0... .... = Request
SNA:   .00. .... = RU category is 'function management data'
SNA:   .... 1... = FM or NS header follows
SNA:   .... .0.. = Sense data not included
SNA:   .... ..11 = Only RU in chain
SNA: RH byte 1          = 80
SNA:   1.00 .... = Definite response requested
SNA:   .... .0.. = Larger pacing window not requested
SNA:   .... ..0. = Response bypasses TC queues
SNA:   .... ...0 = Pacing indicator
SNA: RH byte 2          = 00
SNA:   0... .... = Begin bracket indicator
SNA:   .0.. .... = End bracket indicator
SNA:   ..0. .... = Change direction indicator
SNA:   .... 0... = Character code selection indicator
SNA:   .... .0.. = Enciphered data indicator
SNA:   .... ..0. = Padded data indicator
SNA:   .... ...0 = Conditional end bracket indicator
SNA:
SNA: ----- FMD-RU (Function Management Data) -----
SNA:
SNA: REQUEST:   FMD NS header = 810620 (NOTIFY: Notify - SSCP <-> LU)
SNA: Key = 0C (LU-LU Session Services Capabilities)
SNA: Length of vector data = 6
SNA: LU-LU session capability = X3
SNA:      .... 0011 = SLU capability is enabled

```

SNA:

ADDR	HEX	ASCII
0000	02 00 11 11 02 00 10 00 5A 14 F4 7A 00 18 04 04	.....Z..z....
0010	0A 0A 2C 00 00 05 00 00 0B 80 00 81 06 20 0C 06	.....
0020	03 00 01 00 00 00 00 01 00 00 00 00 00 00 00 00	.....

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0030	F4 C3 C5 F4 D9 C1 D3 4B C9 C2 D3 C1	.....K....
------	-------------------------------------	------------

- - - - - Frame 42 - - - - -

SUMMARY	Delta T	Destination	Source	Summary
42	0.0153	04	00	SNA +R FMD NS NOTIFY

SNA: ----- Transmission Header -----

SNA:

SNA: Format identification (FID) = 2

SNA:

SNA: Header flags = 2C

SNA: 0010 .... = Format identification

SNA: .... 11.. = Only segment

SNA: .... ..0. = Address field negotiation flag

SNA: .... ...0 = Normal flow

SNA: Destination address = 04

SNA: Source address = 00

SNA: Sequence number = 0

SNA:

SNA: ----- Response Header (RH) -----

SNA:

SNA: RH byte 0 = 8B

SNA: 1... .... = Response

SNA: .00. .... = RU category is 'function management data'

SNA: .... 1... = FM or NS header follows

SNA: .... .0.. = Sense data not included

SNA: .... ..11 = Only RU in chain

SNA: RH byte 1 = 80

SNA: 1... .... = Definite response 1 indicator

SNA: ..0. .... = Definite response 2 indicator

SNA: ...0 .... = Positive response type

SNA: .... ..0. = Response bypasses TC queues

SNA: .... ...0 = Pacing indicator

SNA: RH byte 2 = 00

SNA: 0000 0000 = Reserved

SNA:

SNA: ----- FMD-RU (Function Management Data) -----

SNA:

SNA: + RESPONSE: FMD NS header = 810620 (NOTIFY: Notify - SSCP <-> LU)

SNA:

ADDR	HEX	ASCII
0000	10 00 5A 14 F4 7A 02 00 11 11 02 00 00 10 04 04	..Z..z.....
0010	0A 0C 2C 00 04 00 00 00 8B 80 00 81 06 20 00 00	.....
0020	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00	.....
0030	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00	.....

- - - - - Frame 43 - - - - -

```
SUMMARY  Delta T      Destination  Source      Summary
         43      0.0036  04          00          SNA C (FIS) FMD Application
Data
```

```
SNA: ----- Transmission Header -----
SNA:
SNA: Format identification (FID) = 2
SNA:
SNA: Header flags = 28
SNA:   0010 .... = Format identification
SNA:   .... 10.. = First segment
SNA:   .... ..0. = Address field negotiation flag
SNA:   .... ...0 = Normal flow
SNA: Destination address = 04
SNA: Source      address = 00
SNA: Sequence number = 1
SNA:
SNA: ----- Request Header (RH) -----
SNA:
SNA: RH byte 0          = 03
SNA:   0... .... = Request
SNA:   .00. .... = RU category is 'function management data'
SNA:   .... 0... = No header follows
SNA:   .... .0.. = Sense data not included
SNA:   .... ..11 = Only RU in chain
SNA: RH byte 1          = 80
SNA:   1.00 .... = Definite response requested
SNA:   .... .0.. = Larger pacing window not requested
SNA:   .... ..0. = Response bypasses TC queues
SNA:   .... ...0 = Pacing indicator
SNA: RH byte 2          = 00
SNA:   0... .... = Begin bracket indicator
SNA:   .0.. .... = End bracket indicator
SNA:   ..0. .... = Change direction indicator
SNA:   .... 0... = Character code selection indicator
SNA:   .... .0.. = Enciphered data indicator
SNA:   .... ..0. = Padded data indicator
SNA:   .... ...0 = Conditional end bracket indicator
SNA:
SNA: ----- FMD-RU (Function Management Data) -----
SNA:
SNA: [1408 byte(s) of Application data]
SNA:
```

ADDR	HEX	ASCII
0000	10 00 5A 14 F4 7A 02 00 11 11 02 00 05 8D 04 04	..Z..z.....
0010	0C 0C 28 00 04 00 00 01 03 80 00 C3 C9 E2 C3 D6	..(.....
0020	40 E2 E8 E2 E3 C5 D4 E2 40 C9 D5 C3 4B 40 15 40	@.....@...K@.@
0030	15 40 40 40 40 40 40 40 40 40 40 40 40 40 40 40	.@@@@@@@@@@@@@@@@
0040	40 40 40 40 40 40 40 40 40 40 40 40 D4 D4 D4 40	@@@@@@@@@@@@@...@
0050	40 D4 D4 D4 40 40 E5 E5 E5 40 40 40 E5 E5 E5 40	@...@@...@@...@
0060	40 E2 E2 E2 E2 E2 E2 40 40 40 40 40 40 40 40 40	@.....@@@@@@@@@

0070	40 40 40 40 40 40 40 40 40 40 40 40 40 40 40 40	@@@@@@@@@@@@@@@@
0080	15 40 40 40 40 40 40 40 40 40 40 40 40 40 40 40	.@@@@@@@@@@@@@@@@
0090	40 40 40 40 40 40 40 40 40 40 40 40 D4 D4 D4 40	@@@@@@@@@@@@@...@
00A0	40 D4 D4 D4 40 40 40 E5 E5 40 40 40 E5 E5 40 40	@...@@...@@...@

```

00B0 40 E2 E2 40 40 40 40 40 40 40 40 40 40 40 40 @. .@.@.@.@.@.@.@.@.@.@
00C0 40 40 40 40 40 40 40 40 40 40 40 40 40 40 40 @.@.@.@.@.@.@.@.@.@.@
00D0 15 40 40 40 40 40 40 40 40 40 40 40 40 40 40 .@.@.@.@.@.@.@.@.@.@
00E0 40 40 40 40 40 40 40 40 40 40 40 40 D4 D4 40 D4 @.@.@.@.@.@.@.@.@. .@.
00F0 D4 40 D4 D4 40 40 40 E5 E5 E5 40 E5 E5 E5 40 40 .@. .@.@. . .@. . .@.@
0100 40 E2 E2 E2 E2 E2 E2 40 40 40 40 40 40 40 40 40 @. . . . .@.@.@.@.@.@
0110 40 40 40 40 40 40 40 40 40 40 40 40 40 40 40 @.@.@.@.@.@.@.@.@.@.@
0120 15 40 40 40 40 40 40 40 40 40 40 40 40 40 40 .@.@.@.@.@.@.@.@.@.@
0130 40 40 40 40 40 40 40 40 40 40 40 40 D4 D4 40 40 @.@.@.@.@.@.@.@.@. .@.@
0140 40 40 D4 D4 40 40 40 40 E5 E5 40 E5 E5 40 40 40 @.@. .@.@@. . .@. .@.@
0150 40 E2 E2 E2 E2 E2 E2 40 40 40 40 40 40 40 40 40 @. . . . .@.@.@.@.@.@
0160 40 40 40 40 40 40 40 40 40 40 40 40 40 40 40 @.@.@.@.@.@.@.@.@.@.@
0170 15 40 40 40 40 40 40 40 40 40 40 40 40 40 40 .@.@.@.@.@.@.@.@.@.@
0180 40 40 40 40 40 40 40 40 40 40 40 40 D4 D4 40 40 @.@.@.@.@.@.@.@.@. .@.@
0190 40 40 D4 D4 40 40 40 40 40 E5 E5 E5 40 40 40 40 @.@. .@.@@@. . .@.@@
01A0 40 40 40 40 40 E2 E2 40 40 40 40 40 40 40 40 40 @.@.@@. . .@.@@.@.@.@
01B0 40 40 40 40 40 40 40 40 40 40 40 40 40 40 40 @.@.@.@.@.@.@.@.@.@.@
01C0 15 40 40 40 40 40 40 40 40 40 40 40 40 40 40 .@.@.@.@.@.@.@.@.@.@
01D0 40 40 40 40 40 40 40 40 40 40 40 40 D4 D4 40 40 @.@.@.@.@.@.@.@.@. .@.@
01E0 40 40 D4 D4 40 40 40 40 40 40 E5 40 40 40 40 40 @.@. .@.@@@. .@.@@
01F0 40 E2 E2 E2 E2 E2 E2 40 40 40 40 40 40 40 40 40 @. . . . .@.@.@.@.@.@
0200 40 40 40 40 40 40 40 40 40 40 40 40 40 40 40 @.@.@.@.@.@.@.@.@.@.@
0210 15 40 15 40 40 40 40 40 40 40 40 40 40 40 40 .@. .@.@.@.@.@.@.@.@
0220 40 E2 E2 E2 E2 E2 E2 40 40 E8 E8 E8 40 40 E8 E8 @. . . . .@. . .@. . .
0230 E8 40 40 E2 E2 E2 E2 E2 E2 E2 40 40 E3 E3 E3 E3 E3 .@. . . . .@. . . . .
0240 E3 E3 40 40 C5 C5 C5 C5 C5 C5 40 40 D4 D4 D4 40 . .@. . . . .@. . . . .@
0250 40 D4 D4 D4 40 40 40 40 40 40 40 40 40 40 40 40 @. . . .@.@.@.@.@.@.@.@
0260 40 40 15 40 40 40 40 40 40 40 40 40 40 40 40 @. .@.@.@.@.@.@.@.@.@
0270 40 E2 E2 40 40 40 40 40 40 40 40 E8 E8 40 40 E8 E8 @. .@.@.@.@. . .@. .
0280 40 40 40 E2 E2 40 40 40 40 40 40 E3 E3 E3 E3 E3 @. .@. .@.@@. . . . .
0290 E3 E3 40 40 C5 C5 40 40 40 40 40 D4 D4 D4 40 . .@. . .@.@@. . . .@
02A0 40 D4 D4 D4 40 40 40 40 40 40 40 40 40 40 40 @. . . .@.@.@.@.@.@.@.@
02B0 40 40 15 40 40 40 40 40 40 40 40 40 40 40 40 @. .@.@.@.@.@.@.@.@.@
02C0 40 E2 E2 E2 E2 E2 E2 40 40 40 E8 E8 E8 E8 40 @. . . . .@.@. . . .@
02D0 40 40 40 E2 E2 E2 E2 E2 E2 E2 40 40 40 40 E3 E3 E3 @. . . . .@.@. . . .
02E0 40 40 40 40 C5 C5 C5 C5 40 40 40 40 D4 D4 40 D4 @.@. . . .@.@. . .@
02F0 D4 40 D4 D4 40 40 40 40 40 40 40 40 40 40 40 40 .@. .@.@.@.@.@.@.@.@
0300 40 40 15 40 40 40 40 40 40 40 40 40 40 40 40 @. .@.@.@.@.@.@.@.@.@
0310 40 E2 E2 E2 E2 E2 E2 40 40 40 40 E8 E8 40 40 @. . . . .@.@. . . .@
0320 40 40 40 E2 E2 E2 E2 E2 E2 E2 40 40 40 40 E3 E3 E3 @. . . . .@.@. . . .
0330 40 40 40 40 C5 C5 C5 C5 40 40 40 40 D4 D4 40 40 @.@. . . .@.@. . .@
0340 40 40 D4 D4 40 40 40 40 40 40 40 40 40 40 40 @. . .@.@.@.@.@.@.@.@
0350 40 40 15 40 40 40 40 40 40 40 40 40 40 40 40 @. .@.@.@.@.@.@.@.@.@
0360 40 40 40 40 40 E2 E2 40 40 40 40 E8 E8 40 40 @.@.@. . .@.@. . .@
0370 40 40 40 40 40 40 E2 E2 40 40 40 40 E3 E3 E3 @.@.@. . .@.@. . .
0380 40 40 40 40 C5 C5 40 40 40 40 40 D4 D4 40 40 @.@. . .@.@. . .@
0390 40 40 D4 D4 40 40 40 40 40 40 40 40 40 40 40 @. . .@.@.@.@.@.@.@

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```

03A0 40 40 15 40 40 40 40 40 40 40 40 40 40 40 40 @@. .@.@.@.@.@.@.@.@
03B0 40 E2 E2 E2 E2 E2 E2 40 40 40 40 E8 E8 40 40 @. . . . .@.@@. . .@
03C0 40 40 40 E2 E2 E2 E2 E2 E2 E2 40 40 40 40 E3 E3 E3 @. . . . .@.@. . .
03D0 40 40 40 40 C5 C5 C5 C5 C5 C5 40 40 D4 D4 40 40 @.@. . . .@. . .@
03E0 40 40 D4 D4 40 40 40 40 40 40 40 40 40 40 40 @. . .@.@@.@.@.@.@
03F0 40 40 15 40 15 40 40 40 40 40 40 40 40 40 40 @. .@. .@.@.@.@.@.@
0400 40 40 40 40 40 40 40 40 40 40 40 40 40 40 40 @.@.@.@.@.@.@.@.@
0410 D7 D7 D7 D7 D7 D7 D7 40 40 40 40 C1 C1 C1 C1 40 . . . . .@.@. . .@
0420 40 40 40 40 40 C3 C3 C3 C3 C3 40 40 40 40 40 40 @.@.@. . . .@.@.@
0430 40 40 40 40 40 40 40 40 40 40 40 40 40 40 @.@.@.@.@.@.@.@.@
0440 40 40 40 40 15 40 40 40 40 40 40 40 40 40 @.@. .@.@.@.@.@.@
0450 40 40 40 40 40 40 40 40 40 40 40 40 40 40 @.@.@.@.@.@.@.@.@
0460 D7 D7 D7 40 40 D7 D7 D7 40 40 C1 C1 40 40 C1 C1 . . .@. . .@. . .@

```

```

0470 40 40 40 40 C3 C3 C3 40 40 40 40 40 40 40 40 40 @@@@...@@@@@@@@
0480 40 40 40 40 40 40 40 40 40 40 40 40 40 40 @@@@@@@@@@@@@@@@@@
0490 40 40 40 40 15 40 40 40 40 40 40 40 40 40 @@@@.@@@@@@@@@@@@
04A0 40 40 40 40 40 40 40 40 40 40 40 40 40 40 @@@@@@@@@@@@@@@@@@
04B0 D7 D7 D7 D7 D7 D7 D7 40 40 C1 C1 C1 C1 C1 C1 .....@@.....
04C0 C1 40 40 C3 C3 C3 40 40 40 40 40 40 40 40 40 .@@...@@@@@@@@
04D0 40 40 40 40 40 40 40 40 40 40 40 40 40 40 @@@@@@@@@@@@@@@@@@
04E0 40 40 40 40 15 40 40 40 40 40 40 40 40 40 @@@@.@@@@@@@@@@@@
04F0 40 40 40 40 40 40 40 40 40 40 40 40 40 40 @@@@@@@@@@@@@@@@@@
0500 D7 D7 D7 40 40 40 40 40 40 C1 C1 40 40 40 40 C1 ...@@@@@...@@@.
0510 C1 40 40 C3 C3 C3 40 40 40 40 40 40 40 40 40 .@@...@@@@@@@@
0520 40 40 40 40 40 40 40 40 40 40 40 40 40 40 @@@@@@@@@@@@@@@@@@
0530 40 40 40 40 15 40 40 40 40 40 40 40 40 40 @@@@.@@@@@@@@@@@@
0540 40 40 40 40 40 40 40 40 40 40 40 40 40 40 @@@@@@@@@@@@@@@@@@
0550 D7 D7 D7 40 40 40 40 40 40 C1 C1 40 40 40 40 C1 ...@@@@@...@@@.
0560 C1 40 40 40 C3 C3 C3 40 40 40 40 40 40 40 40 40 .@@...@@@@@@@@
0570 40 40 40 40 40 40 40 40 40 40 40 40 40 40 @@@@@@@@@@@@@@@@@@
0580 40 40 40 40 15 40 40 40 40 40 40 40 40 40 @@@@.@@@@@@@@@@@@
0590 40 40 40 40 40 40 40 40 40 40 40 40 40 40 @@@@@@@@@@@@@@

```

----- Frame 44 -----

```

SUMMARY Delta T Destination Source Summary
         44 0.0002 04          00          SNA (MIS)

```

SNA: ----- Transmission Header -----

SNA:

SNA: Format identification (FID) = 2

SNA:

SNA: Header flags = 20

SNA: 0010 .... = Format identification

SNA: .... 00.. = Middle segment

SNA: .... ..0. = Address field negotiation flag

SNA: .... ...0 = Normal flow

SNA: Destination address = 04

SNA: Source address = 00

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SNA: Sequence number = 1

SNA:

SNA: ----- SNA FID Type 2 segment -----

SNA:

SNA: [55 byte(s) of data in middle segment]

SNA:

```

ADDR  HEX                               ASCII
0000  10 00 5A 14 F4 7A 02 00 11 11 02 00 00 41 04 04  ..Z..z.....A..
0010  0E 0C 20 00 04 00 00 01 40 40 40 40 40 D7 D7 D7  .. .....@@@@...
0020  40 40 40 40 40 40 C1 C1 40 40 40 40 C1 C1 40 40  @@@@@@...@@@...@
0030  40 40 C3 C3 C3 C3 C3 40 40 40 40 40 40 40 40 40  @@.....@@@@@@@@
0040  40 40 40 40 40 40 40 40 40 40 40 40 40 40 40  @@@@@@@@@@@@@@@@@

```

----- Frame 45 -----

```

SUMMARY Delta T Destination Source Summary
         45 0.0000 04          00          SNA (LIS)

```

SNA: ----- Transmission Header -----

```

SNA:
SNA: Format identification (FID) = 2
SNA:
SNA: Header flags = 24
SNA:   0010 .... = Format identification
SNA:   .... 01.. = Last segment
SNA:   .... ..0. = Address field negotiation flag
SNA:   .... ...0 = Normal flow
SNA: Destination address = 04
SNA: Source      address = 00
SNA: Sequence number = 1
SNA:
SNA: ----- SNA FID Type 2 segment -----
SNA:
SNA: [35 byte(s) of data in last segment]
SNA:

```

ADDR	HEX	ASCII
0000	10 00 5A 14 F4 7A 02 00 11 11 02 00 00 2D 04 04	..Z..z.....-..
0010	10 0C 24 00 04 00 00 01 40 40 15 C5 D5 E3 C5 D9	..\$......@@.....
0020	40 C1 D7 D7 D3 C9 C3 C1 E3 C9 D6 D5 40 D9 C5 D8	@.....@.....
0030	E4 C5 E2 E3 40 7E 6E 40 40 40 15 00	....@~n@@@...

----- Frame 46 -----

```

SUMMARY Delta T      Destination      Source      Summary
         46      0.0009  020011110200  IBM    14F47A    LLC R D=04 S=04 RR NR=7
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```

```

LLC: ----- LLC Header -----
LLC:
LLC: DSAP Address = 04, DSAP IG Bit = 00 (Individual Address)
LLC: SSAP Address = 04, SSAP CR Bit = 01 (Response)
LLC: Supervisory frame: RR, N(R) = 7
LLC:

```

ADDR	HEX	ASCII
0000	02 00 11 11 02 00 10 00 5A 14 F4 7A 00 04 04 05	.....Z..z....
0010	01 0E 2C 00 00 05 00 00 0B 80 00 81 06 20 0C 06	.,.....
0020	03 00 01 00 00 00 00 01 00 00 00 00 00 00 00 00	.....
0030	F4 C3 C5 F4 D9 C1 D3 4B C9 C2 D3 C1	.....K....

----- Frame 47 -----

```

SUMMARY Delta T      Destination      Source      Summary
         47      0.0006  020011110200  IBM    14F47A    LLC R D=04 S=04 RR NR=9

```

```

LLC: ----- LLC Header -----
LLC:
LLC: DSAP Address = 04, DSAP IG Bit = 00 (Individual Address)
LLC: SSAP Address = 04, SSAP CR Bit = 01 (Response)
LLC: Supervisory frame: RR, N(R) = 9
LLC:

```

ADDR	HEX	ASCII
0000	02 00 11 11 02 00 10 00 5A 14 F4 7A 00 04 04 05	.....Z..z....
0010	01 12 2D 00 00 04 00 04 EB 80 00 0D 01 01 00 85	..-.....

```
0020 00 00 00 0C 06 03 00 01 00 00 00 00 1A E7 1B E6 .....
0030 1C E5 1D E4 1E E3 1F E2 20 E1 21 E0 ..... !.
```

----- Frame 48 -----

```
SUMMARY Delta T Destination Source Summary
         48 0.0027 00          03          SNA C FMD NS NOTIFY
```

SNA: ----- Transmission Header -----

SNA:

SNA: Format identification (FID) = 2

SNA:

SNA: Header flags = 2C

SNA: 0010 .... = Format identification

SNA: .... 11.. = Only segment

SNA: .... ..0. = Address field negotiation flag

SNA: .... ...0 = Normal flow

SNA: Destination address = 00

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SNA: Source address = 03

SNA: Sequence number = 0

SNA:

SNA: ----- Request Header (RH) -----

SNA:

SNA: RH byte 0 = 0B

SNA: 0... .... = Request

SNA: .00. .... = RU category is 'function management data'

SNA: .... 1... = FM or NS header follows

SNA: .... .0.. = Sense data not included

SNA: .... ..11 = Only RU in chain

SNA: RH byte 1 = 80

SNA: 1.00 .... = Definite response requested

SNA: .... .0.. = Larger pacing window not requested

SNA: .... ..0. = Response bypasses TC queues

SNA: .... ...0 = Pacing indicator

SNA: RH byte 2 = 00

SNA: 0... .... = Begin bracket indicator

SNA: .0.. .... = End bracket indicator

SNA: ..0. .... = Change direction indicator

SNA: .... 0... = Character code selection indicator

SNA: .... .0.. = Enciphered data indicator

SNA: .... ..0. = Padded data indicator

SNA: .... ...0 = Conditional end bracket indicator

SNA:

SNA: ----- FMD-RU (Function Management Data) -----

SNA:

SNA: REQUEST: FMD NS header = 810620 (NOTIFY: Notify - SSCP <-> LU)

SNA: Key = 0C (LU-LU Session Services Capabilities)

SNA: Length of vector data = 6

SNA: LU-LU session capability = X3

SNA: .... 0011 = SLU capability is enabled

SNA:

```
ADDR HEX ASCII
0000 02 00 11 11 02 00 10 00 5A 14 F4 7A 00 18 04 04 .....Z.z....
0010 0C 12 2C 00 00 03 00 00 0B 80 00 81 06 20 0C 06 ..,.....
0020 03 00 01 00 00 00 00 01 00 00 00 00 00 00 00 .....
0030 F4 C3 C5 F4 D9 C1 D3 4B C9 C2 D3 C1 .....K....
```

- - - - - Frame 49 - - - - -

SUMMARY Delta T Destination Source Summary  
49 0.0150 05 00 SNA C (FIS) FMD Application  
Data

SNA: ----- Transmission Header -----

SNA:

SNA: Format identification (FID) = 2

SNA:

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SNA: Header flags = 28

SNA: 0010 .... = Format identification

SNA: .... 10.. = First segment

SNA: .... ..0. = Address field negotiation flag

SNA: .... ...0 = Normal flow

SNA: Destination address = 05

SNA: Source address = 00

SNA: Sequence number = 1

SNA:

SNA: ----- Request Header (RH) -----

SNA:

SNA: RH byte 0 = 03

SNA: 0... .... = Request

SNA: .00. .... = RU category is 'function management data'

SNA: .... 0... = No header follows

SNA: .... .0.. = Sense data not included

SNA: .... ..11 = Only RU in chain

SNA: RH byte 1 = 80

SNA: 1.00 .... = Definite response requested

SNA: .... .0.. = Larger pacing window not requested

SNA: .... ..0. = Response bypasses TC queues

SNA: .... ...0 = Pacing indicator

SNA: RH byte 2 = 00

SNA: 0... .... = Begin bracket indicator

SNA: .0.. .... = End bracket indicator

SNA: ..0. .... = Change direction indicator

SNA: .... 0... = Character code selection indicator

SNA: .... .0.. = Enciphered data indicator

SNA: .... ..0. = Padded data indicator

SNA: .... ...0 = Conditional end bracket indicator

SNA:

SNA: ----- FMD-RU (Function Management Data) -----

SNA:

SNA: [1408 byte(s) of Application data]

SNA:

ADDR	HEX	ASCII
0000	10 00 5A 14 F4 7A 02 00 11 11 02 00 05 8D 04 04	..Z..z.....
0010	12 0E 28 00 05 00 00 01 03 80 00 C3 C9 E2 C3 D6	..(.....
0020	40 E2 E8 E2 E3 C5 D4 E2 40 C9 D5 C3 4B 40 15 40	@.....@...K@.@
0030	15 40 40 40 40 40 40 40 40 40 40 40 40 40 40	.@@@@@@@@@@@@@@@@
0040	40 40 40 40 40 40 40 40 40 40 40 40 D4 D4 D4 40	@@@@@@@@@@@@@...@
0050	40 D4 D4 D4 40 40 E5 E5 E5 40 40 40 E5 E5 E5 40	@...@@...@@...@
0060	40 E2 E2 E2 E2 E2 E2 40 40 40 40 40 40 40 40	@.....@@@@@@@@@@
0070	40 40 40 40 40 40 40 40 40 40 40 40 40 40 40	@@@@@@@@@@@@@@@@@@
0080	15 40 40 40 40 40 40 40 40 40 40 40 40 40 40	.@@@@@@@@@@@@@@@@@@
0090	40 40 40 40 40 40 40 40 40 40 40 40 D4 D4 D4 40	@@@@@@@@@@@@@...@
00A0	40 D4 D4 D4 40 40 E5 E5 40 40 40 E5 E5 40 40	@...@@@...@@...@

00B0 40 E2 E2 40 40 40 40 40 40 40 40 40 40 40 40 @.@@@@@@@@@@@@@  
00C0 40 40 40 40 40 40 40 40 40 40 40 40 40 40 @@@@@@@@@@@@@@  
00D0 15 40 40 40 40 40 40 40 40 40 40 40 40 40 .@@@@@@@@@@@@@  
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00E0 40 40 40 40 40 40 40 40 40 40 40 40 D4 D4 40 D4 @@@@@@@@@@@@@@.@.  
00F0 D4 40 D4 D4 40 40 40 E5 E5 E5 40 E5 E5 E5 40 40 .@.@@@...@...@  
0100 40 E2 E2 E2 E2 E2 E2 40 40 40 40 40 40 40 40 @.....@@@@@@@@@  
0110 40 40 40 40 40 40 40 40 40 40 40 40 40 40 @@@@@@@@@@@@@@  
0120 15 40 40 40 40 40 40 40 40 40 40 40 40 40 .@@@@@@@@@@@@@  
0130 40 40 40 40 40 40 40 40 40 40 40 D4 D4 40 40 @@@@@@@@@@@@@@.@@  
0140 40 40 D4 D4 40 40 40 40 E5 E5 40 E5 E5 40 40 40 @@.@@@...@...@  
0150 40 E2 E2 E2 E2 E2 E2 40 40 40 40 40 40 40 40 @.....@@@@@@@@@  
0160 40 40 40 40 40 40 40 40 40 40 40 40 40 40 @@@@@@@@@@@@@@  
0170 15 40 40 40 40 40 40 40 40 40 40 40 40 40 .@@@@@@@@@@@@@  
0180 40 40 40 40 40 40 40 40 40 40 40 D4 D4 40 40 @@@@@@@@@@@@@@.@@  
0190 40 40 D4 D4 40 40 40 40 40 E5 E5 E5 40 40 40 40 @@.@@@...@...@  
01A0 40 40 40 40 40 E2 E2 40 40 40 40 40 40 40 40 @@@@@@.@@@@@@@@@  
01B0 40 40 40 40 40 40 40 40 40 40 40 40 40 40 @@@@@@@@@@@@@@  
01C0 15 40 40 40 40 40 40 40 40 40 40 40 40 40 .@@@@@@@@@@@@@  
01D0 40 40 40 40 40 40 40 40 40 40 40 D4 D4 40 40 @@@@@@@@@@@@@@.@@  
01E0 40 40 D4 D4 40 40 40 40 40 40 E5 40 40 40 40 40 @@.@@@...@...@  
01F0 40 E2 E2 E2 E2 E2 E2 40 40 40 40 40 40 40 40 @.....@@@@@@@@@  
0200 40 40 40 40 40 40 40 40 40 40 40 40 40 40 @@@@@@@@@@@@@@  
0210 15 40 15 40 40 40 40 40 40 40 40 40 40 40 .@.@@@@@@@@@@@@@  
0220 40 E2 E2 E2 E2 E2 E2 40 40 E8 E8 E8 40 40 E8 E8 @.....@@...@...  
0230 E8 40 40 E2 E2 E2 E2 E2 E2 40 40 E3 E3 E3 E3 E3 @@.....@.....  
0240 E3 E3 40 40 C5 C5 C5 C5 C5 C5 40 40 D4 D4 D4 40 ..@@.....@...@  
0250 40 D4 D4 D4 40 40 40 40 40 40 40 40 40 40 40 @...@@@@@@@@@@@@@  
0260 40 40 15 40 40 40 40 40 40 40 40 40 40 40 @@.@@@@@@@@@@@@@  
0270 40 E2 E2 40 40 40 40 40 40 40 40 E8 E8 40 40 E8 E8 @...@@@@@...@...  
0280 40 40 40 E2 E2 40 40 40 40 40 40 E3 E3 E3 E3 E3 @@@...@@@@@.....  
0290 E3 E3 40 40 C5 C5 40 40 40 40 40 D4 D4 D4 40 ..@@...@@@@@...@  
02A0 40 D4 D4 D4 40 40 40 40 40 40 40 40 40 40 40 40 @...@@@@@@@@@@@@@  
02B0 40 40 15 40 40 40 40 40 40 40 40 40 40 40 40 @@.@@@@@@@@@@@@@  
02C0 40 E2 E2 E2 E2 E2 E2 40 40 40 E8 E8 E8 E8 40 @.....@@@@@...@  
02D0 40 40 40 E2 E2 E2 E2 E2 E2 40 40 40 E3 E3 E3 @@@.....@...@...  
02E0 40 40 40 40 C5 C5 C5 C5 40 40 40 40 D4 D4 40 D4 @@@@...@@@@@...@  
02F0 D4 40 D4 D4 40 40 40 40 40 40 40 40 40 40 40 .@.@@@@@@@@@@@@@  
0300 40 40 15 40 40 40 40 40 40 40 40 40 40 40 @@.@@@@@@@@@@@@@  
0310 40 E2 E2 E2 E2 E2 E2 40 40 40 40 E8 E8 40 40 @.....@@@@@...@  
0320 40 40 40 E2 E2 E2 E2 E2 E2 40 40 40 40 E3 E3 E3 @@@.....@...@...  
0330 40 40 40 40 C5 C5 C5 C5 40 40 40 40 D4 D4 40 40 @@@@...@@@@@...@  
0340 40 40 D4 D4 40 40 40 40 40 40 40 40 40 40 40 @@.@@@@@@@@@@@@@  
0350 40 40 15 40 40 40 40 40 40 40 40 40 40 40 40 @@.@@@@@@@@@@@@@  
0360 40 40 40 40 40 E2 E2 40 40 40 40 40 E8 E8 40 40 @@@@@@.@@@@@...@  
0370 40 40 40 40 40 40 40 E2 E2 40 40 40 40 E3 E3 E3 @@@@@@...@...@...  
0380 40 40 40 40 C5 C5 40 40 40 40 40 D4 D4 40 40 @@@@...@@@@@...@  
0390 40 40 D4 D4 40 40 40 40 40 40 40 40 40 40 40 @@.@@@@@@@@@@@@@  
03A0 40 40 15 40 40 40 40 40 40 40 40 40 40 40 @@.@@@@@@@@@@@@@  
03B0 40 E2 E2 E2 E2 E2 E2 40 40 40 40 E8 E8 40 40 @.....@@@@@...@  
03C0 40 40 40 E2 E2 E2 E2 E2 E2 40 40 40 40 E3 E3 E3 @@@.....@...@...  
03D0 40 40 40 40 C5 C5 C5 C5 C5 C5 40 40 D4 D4 40 40 @@@@...@@@@@...@  
03E0 40 40 D4 D4 40 40 40 40 40 40 40 40 40 40 40 @@.@@@@@@@@@@@@@  
03F0 40 40 15 40 15 40 40 40 40 40 40 40 40 40 40 @@.@.@@@@@@@@@@@@@  
0400 40 40 40 40 40 40 40 40 40 40 40 40 40 40 @@@@@@@@@@@@@@  
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0410 D7 D7 D7 D7 D7 D7 40 40 40 40 C1 C1 C1 C1 40 .....@@@@@...@  
0420 40 40 40 40 40 C3 C3 C3 C3 C3 40 40 40 40 40 40 @@@@@@.....@@@@@

```

0430 40 40 40 40 40 40 40 40 40 40 40 40 40 40 40 @@@@
0440 40 40 40 40 15 40 40 40 40 40 40 40 40 40 @@@@.
0450 40 40 40 40 40 40 40 40 40 40 40 40 40 40 @@@@
0460 D7 D7 D7 40 40 D7 D7 D7 40 40 C1 C1 40 40 C1 C1 ...@@...@@...
0470 40 40 40 40 C3 C3 C3 40 40 40 40 40 40 40 40 @@@@...
0480 40 40 40 40 40 40 40 40 40 40 40 40 40 40 @@@@
0490 40 40 40 40 15 40 40 40 40 40 40 40 40 40 @@@@.
04A0 40 40 40 40 40 40 40 40 40 40 40 40 40 40 @@@@
04B0 D7 D7 D7 D7 D7 D7 D7 40 40 C1 C1 C1 C1 C1 C1 C1 .....@@.....
04C0 C1 40 40 C3 C3 C3 40 40 40 40 40 40 40 40 40 .@@...
04D0 40 40 40 40 40 40 40 40 40 40 40 40 40 40 @@@@
04E0 40 40 40 40 15 40 40 40 40 40 40 40 40 40 @@@@.
04F0 40 40 40 40 40 40 40 40 40 40 40 40 40 40 @@@@
0500 D7 D7 D7 40 40 40 40 40 40 40 C1 C1 40 40 40 40 C1 ...@@@...
0510 C1 40 40 C3 C3 C3 40 40 40 40 40 40 40 40 40 .@@...
0520 40 40 40 40 40 40 40 40 40 40 40 40 40 40 @@@@
0530 40 40 40 40 15 40 40 40 40 40 40 40 40 40 @@@@.
0540 40 40 40 40 40 40 40 40 40 40 40 40 40 40 @@@@
0550 D7 D7 D7 40 40 40 40 40 40 40 C1 C1 40 40 40 40 C1 ...@@@...
0560 C1 40 40 40 C3 C3 C3 40 40 40 40 40 40 40 40 .@@...
0570 40 40 40 40 40 40 40 40 40 40 40 40 40 40 @@@@
0580 40 40 40 40 15 40 40 40 40 40 40 40 40 40 @@@@.
0590 40 40 40 40 40 40 40 40 40 40 40 @@@@

```

----- Frame 50 -----

```

SUMMARY Delta T Destination Source Summary
      50 0.0002 05          00          SNA (MIS)

```

```

SNA: ----- Transmission Header -----
SNA:
SNA: Format identification (FID) = 2
SNA:
SNA: Header flags = 20
SNA: 0010 .... = Format identification
SNA: .... 00.. = Middle segment
SNA: .... ..0. = Address field negotiation flag
SNA: .... ...0 = Normal flow
SNA: Destination address = 05
SNA: Source address = 00
SNA: Sequence number = 1
SNA:
SNA: ----- SNA FID Type 2 segment -----
SNA:
SNA: [55 byte(s) of data in middle segment]
SNA:

```

```

ADDR HEX ASCII
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```

```

0000 10 00 5A 14 F4 7A 02 00 11 11 02 00 00 41 04 04 ..Z..z.....A..
0010 14 0E 20 00 05 00 00 01 40 40 40 40 40 D7 D7 D7 .. .....
0020 40 40 40 40 40 40 C1 C1 40 40 40 40 C1 C1 40 40 @@@@...
0030 40 40 C3 C3 C3 C3 40 40 40 40 40 40 40 40 @@.....
0040 40 40 40 40 40 40 40 40 40 40 40 40 40 @@@@

```

----- Frame 51 -----

```

SUMMARY Delta T Destination Source Summary
        51 0.0000 05          00          SNA (LIS)

```

```

SNA: ----- Transmission Header -----
SNA:
SNA: Format identification (FID) = 2
SNA:
SNA: Header flags = 24
SNA: 0010 .... = Format identification
SNA: .... 01.. = Last segment
SNA: .... ..0. = Address field negotiation flag
SNA: .... ...0 = Normal flow
SNA: Destination address = 05
SNA: Source address = 00
SNA: Sequence number = 1
SNA:
SNA: ----- SNA FID Type 2 segment -----
SNA:
SNA: [35 byte(s) of data in last segment]
SNA:

```

ADDR	HEX	ASCII
0000	10 00 5A 14 F4 7A 02 00 11 11 02 00 00 2D 04 04	..Z..z.....-...
0010	16 0E 24 00 05 00 00 01 40 40 15 C5 D5 E3 C5 D9	..\$......@@.....
0020	40 C1 D7 D7 D3 C9 C3 C1 E3 C9 D6 D5 40 D9 C5 D8	@.....@.....
0030	E4 C5 E2 E3 40 7E 6E 40 40 40 15 00	....@~n@@@..

----- Frame 52 -----

```

SUMMARY Delta T Destination Source Summary
        52 0.0000 05          00          SNA +R FMD NS NOTIFY

```

```

SNA: ----- Transmission Header -----
SNA:
SNA: Format identification (FID) = 2
SNA:
SNA: Header flags = 2C
SNA: 0010 .... = Format identification
SNA: .... 11.. = Only segment
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```

```

SNA: .... ..0. = Address field negotiation flag
SNA: .... ...0 = Normal flow
SNA: Destination address = 05
SNA: Source address = 00
SNA: Sequence number = 0
SNA:
SNA: ----- Response Header (RH) -----
SNA:
SNA: RH byte 0 = 8B
SNA: 1... .... = Response
SNA: .00. .... = RU category is 'function management data'
SNA: .... 1... = FM or NS header follows
SNA: .... .0.. = Sense data not included
SNA: .... ..11 = Only RU in chain
SNA: RH byte 1 = 80
SNA: 1... .... = Definite response 1 indicator
SNA: ..0. .... = Definite response 2 indicator
SNA: ...0 .... = Positive response type
SNA: .... ..0. = Response bypasses TC queues

```

```

SNA:          .... ...0 = Pacing indicator
SNA: RH byte 2          = 00
SNA:          0000 0000 = Reserved
SNA:
SNA: ----- FMD-RU (Function Management Data) -----
SNA:
SNA: + RESPONSE:   FMD NS header = 810620 (NOTIFY: Notify - SSCP <-> LU)
SNA:

```

```

ADDR  HEX                               ASCII
0000  10 00 5A 14 F4 7A 02 00 11 11 02 00 00 10 04 04  ..Z..z.....
0010  18 0E 2C 00 05 00 00 00 8B 80 00 81 06 20 00 00  ..,.....
0020  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  .....
0030  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  .....

```

----- Frame 53 -----

```

SUMMARY  Delta T      Destination      Source      Summary
        53      0.0012    020011110200    IBM    14F47A    LLC R D=04 S=04 RR NR=11

```

```

LLC: ----- LLC Header -----
LLC:
LLC: DSAP Address = 04, DSAP IG Bit = 00 (Individual Address)
LLC: SSAP Address = 04, SSAP CR Bit = 01 (Response)
LLC: Supervisory frame: RR, N(R) = 11
LLC:

```

```

ADDR  HEX                               ASCII
0000  02 00 11 11 02 00 10 00 5A 14 F4 7A 00 04 04 05  .....Z..z....
0010  01 16 2C 00 00 03 00 00 0B 80 00 81 06 20 0C 06  ..,.....
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0020  03 00 01 00 00 00 00 01 00 00 00 00 00 00 00 00  .....
0030  F4 C3 C5 F4 D9 C1 D3 4B C9 C2 D3 C1                .....K....

```

----- Frame 54 -----

```

SUMMARY  Delta T      Destination      Source      Summary
        54      0.0006    020011110200    IBM    14F47A    LLC R D=04 S=04 RR NR=13

```

```

LLC: ----- LLC Header -----
LLC:
LLC: DSAP Address = 04, DSAP IG Bit = 00 (Individual Address)
LLC: SSAP Address = 04, SSAP CR Bit = 01 (Response)
LLC: Supervisory frame: RR, N(R) = 13
LLC:

```

```

ADDR  HEX                               ASCII
0000  02 00 11 11 02 00 10 00 5A 14 F4 7A 00 04 04 05  .....Z..z....
0010  01 1A 2D 00 00 04 00 04 EB 80 00 0D 01 01 00 85  ..-.....
0020  00 00 00 0C 06 03 00 01 00 00 00 00 1A E7 1B E6  .....
0030  1C E5 1D E4 1E E3 1F E2 20 E1 21 E0                ..... !.

```

----- Frame 55 -----

```

SUMMARY  Delta T      Destination      Source      Summary

```

```

SNA: ----- Transmission Header -----
SNA:
SNA: Format identification (FID) = 2
SNA:
SNA: Header flags = 2C
SNA:   0010 .... = Format identification
SNA:   .... 11.. = Only segment
SNA:   .... ..0. = Address field negotiation flag
SNA:   .... ...0 = Normal flow
SNA: Destination address = 00
SNA: Source          address = 04
SNA: Sequence number = 1
SNA:
SNA: ----- Response Header (RH) -----
SNA:
SNA: RH byte 0                      = 83
SNA:   1... .... = Response
SNA:   .00. .... = RU category is 'function management data'
SNA:   .... 0... = No header follows
SNA:   .... .0.. = Sense data not included
SNA:   .... ..11 = Only RU in chain
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unsaved capture data, Page 32

```

```

SNA: RH byte 1                      = 80
SNA:   1... .... = Definite response 1 indicator
SNA:   ..0. .... = Definite response 2 indicator
SNA:   ...0 .... = Positive response type
SNA:   .... ..0. = Response bypasses TC queues
SNA:   .... ...0 = Pacing indicator
SNA: RH byte 2                      = 00
SNA:   0000 0000 = Reserved
SNA:

```

ADDR	HEX	ASCII
0000	02 00 11 11 02 00 10 00 5A 14 F4 7A 00 0D 04 04	.....Z.z....
0010	0E 1A 2C 00 00 04 00 01 83 80 00 00 06 20 0C 06	.,.....
0020	03 00 01 00 00 00 00 01 00 00 00 00 00 00 00 00	.....
0030	F4 C3 C5 F4 D9 C1 D3 4B C9 C2 D3 C1	.....K....

----- Frame 56 -----

```

SUMMARY  Delta T      Destination      Source              Summary
         56      0.0244 00                      05                      SNA +R

```

```

SNA: ----- Transmission Header -----
SNA:
SNA: Format identification (FID) = 2
SNA:
SNA: Header flags = 2C
SNA:   0010 .... = Format identification
SNA:   .... 11.. = Only segment
SNA:   .... ..0. = Address field negotiation flag
SNA:   .... ...0 = Normal flow
SNA: Destination address = 00
SNA: Source          address = 05
SNA: Sequence number = 1
SNA:
SNA: ----- Response Header (RH) -----

```

```

SNA:
SNA: RH byte 0          = 83
SNA:      1... .. = Response
SNA:      .00. .... = RU category is 'function management data'
SNA:      .... 0... = No header follows
SNA:      .... .0.. = Sense data not included
SNA:      .... ..11 = Only RU in chain
SNA: RH byte 1          = 80
SNA:      1... .. = Definite response 1 indicator
SNA:      ..0. .... = Definite response 2 indicator
SNA:      ...0 .... = Positive response type
SNA:      .... ..0. = Response bypasses TC queues
SNA:      .... ...0 = Pacing indicator
SNA: RH byte 2          = 00
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```

```

SNA:      0000 0000 = Reserved
SNA:

```

ADDR	HEX	ASCII
0000	02 00 11 11 02 00 10 00 5A 14 F4 7A 00 0D 04 04	.....Z..z....
0010	10 1A 2C 00 00 05 00 01 83 80 00 00 06 20 0C 06	.,.....
0020	03 00 01 00 00 00 00 01 00 00 00 00 00 00 00 00	.....
0030	F4 C3 C5 F4 D9 C1 D3 4B C9 C2 D3 C1	.....K....

----- Frame 57 -----

SUMMARY	Delta T	Destination	Source	Summary
57	0.0515	00	02	SNA +R SC ACTLU

```

SNA: ----- Transmission Header -----
SNA:
SNA: Format identification (FID) = 2
SNA:
SNA: Header flags = 2D
SNA:      0010 .... = Format identification
SNA:      .... 11.. = Only segment
SNA:      .... ..0. = Address field negotiation flag
SNA:      .... ...1 = Expedited flow
SNA: Destination address = 00
SNA: Source          address = 02
SNA: Sequence number = 4
SNA:
SNA: ----- Response Header (RH) -----
SNA:
SNA: RH byte 0          = EB
SNA:      1... .. = Response
SNA:      .11. .... = RU category is 'session control'
SNA:      .... 1... = FM or NS header follows
SNA:      .... .0.. = Sense data not included
SNA:      .... ..11 = Only RU in chain
SNA: RH byte 1          = 80
SNA:      1... .. = Definite response 1 indicator
SNA:      ..0. .... = Definite response 2 indicator
SNA:      ...0 .... = Positive response type
SNA:      .... ..0. = Response bypasses TC queues
SNA:      .... ...0 = Pacing indicator
SNA: RH byte 2          = 00
SNA:      0000 0000 = Reserved
SNA:

```

```

SNA: ----- SC-RU (Session Control) -----
SNA:
SNA: + RESPONSE: Code = 0D (ACTLU: Activate Logical Unit)
SNA: Activation type = 1 (COLD)
SNA: FM profile = 0, TS profile = 1
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```

```

SNA: Control vector = 00 (SSCP-LU session capabilities)
SNA: Maximum RU size = 256
SNA: LU capabilities = 0X
SNA: 0... .... = SSCP may not send unsolicited character-coded reqs
SNA: .0.. .... = SSCP may not send unsolicited field-formatted reqs
SNA: Control vector = 0C (LU-LU session services)
SNA: Secondary LU capability = X3
SNA: .... 0011 = Enabled
SNA: LU-LU session limit = 1
SNA: LU-LU session count = 0
SNA:

```

ADDR	HEX	ASCII
0000	02 00 11 11 02 00 10 00 5A 14 F4 7A 00 1D 04 04	.....Z..z....
0010	12 1A 2D 00 00 02 00 04 EB 80 00 0D 01 01 00 85	..-.....
0020	00 00 00 0C 06 03 00 01 00 00 00 00 00 00 00 00	.....
0030	F4 C3 C5 F4 D9 C1 D3 4B C9 C2 D3 C1	.....K....

----- Frame 58 -----

SUMMARY	Delta T	Destination	Source	Summary
58	0.0004	IBM 14F47A	020011110200	LLC R D=04 S=04 RR NR=10

```

LLC: ----- LLC Header -----
LLC:
LLC: DSAP Address = 04, DSAP IG Bit = 00 (Individual Address)
LLC: SSAP Address = 04, SSAP CR Bit = 01 (Response)
LLC: Supervisory frame: RR, N(R) = 10
LLC:

```

ADDR	HEX	ASCII
0000	10 00 5A 14 F4 7A 02 00 11 11 02 00 00 04 04 05	..Z..z.....
0010	01 14 00 00 00 00 00 00 00 00 00 00 00 00 00 00	.....
0020	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00	.....
0030	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00	.....

----- Frame 59 -----

SUMMARY	Delta T	Destination	Source	Summary
59	0.0232	02	00	SNA C (FIS)

FMD Application Data

```

SNA: ----- Transmission Header -----
SNA:
SNA: Format identification (FID) = 2
SNA:
SNA: Header flags = 28
SNA: 0010 .... = Format identification
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```

```

SNA:      .... 10.. = First segment
SNA:      .... ..0. = Address field negotiation flag
SNA:      .... ...0 = Normal flow
SNA:      Destination address = 02
SNA:      Source      address = 00
SNA:      Sequence number = 1
SNA:
SNA:      ----- Request Header (RH) -----
SNA:
SNA:      RH byte 0          = 03
SNA:      0... .... = Request
SNA:      .00. .... = RU category is 'function management data'
SNA:      .... 0... = No header follows
SNA:      .... .0.. = Sense data not included
SNA:      .... ..11 = Only RU in chain
SNA:      RH byte 1          = 80
SNA:      1.00 .... = Definite response requested
SNA:      .... .0.. = Larger pacing window not requested
SNA:      .... ..0. = Response bypasses TC queues
SNA:      .... ...0 = Pacing indicator
SNA:      RH byte 2          = 00
SNA:      0... .... = Begin bracket indicator
SNA:      .0.. .... = End bracket indicator
SNA:      ..0. .... = Change direction indicator
SNA:      .... 0... = Character code selection indicator
SNA:      .... .0.. = Enciphered data indicator
SNA:      .... ..0. = Padded data indicator
SNA:      .... ...0 = Conditional end bracket indicator
SNA:
SNA:      ----- FMD-RU (Function Management Data) -----
SNA:
SNA:      [1408 byte(s) of Application data]
SNA:

```

ADDR	HEX	ASCII
0000	10 00 5A 14 F4 7A 02 00 11 11 02 00 05 8D 04 04	..Z..z.....
0010	1A 14 28 00 02 00 00 01 03 80 00 C3 C9 E2 C3 D6	..(.....
0020	40 E2 E8 E2 E3 C5 D4 E2 40 C9 D5 C3 4B 40 15 40	@.....@...K@.@
0030	15 40 40 40 40 40 40 40 40 40 40 40 40 40 40	.@@@@@@@@@@@@@@@@
0040	40 40 40 40 40 40 40 40 40 40 40 40 D4 D4 D4 40	@@@@@@@@@@@@@...@
0050	40 D4 D4 D4 40 40 E5 E5 E5 40 40 40 E5 E5 E5 40	@...@@...@@@...@
0060	40 E2 E2 E2 E2 E2 E2 40 40 40 40 40 40 40 40 40	@.....@@@@@@@@@@
0070	40 40 40 40 40 40 40 40 40 40 40 40 40 40 40	@@@@@@@@@@@@@@@@@@
0080	15 40 40 40 40 40 40 40 40 40 40 40 40 40 40	.@@@@@@@@@@@@@@@@@@
0090	40 40 40 40 40 40 40 40 40 40 40 40 D4 D4 D4 40	@@@@@@@@@@@@@...@
00A0	40 D4 D4 D4 40 40 40 E5 E5 E5 40 40 40 E5 E5 40 40	@...@@@...@@@...@
00B0	40 E2 E2 40 40 40 40 40 40 40 40 40 40 40 40 40	@..@@@@@@@@@@@@@@@
00C0	40 40 40 40 40 40 40 40 40 40 40 40 40 40 40	@@@@@@@@@@@@@@@@@@
00D0	15 40 40 40 40 40 40 40 40 40 40 40 40 40 40	.@@@@@@@@@@@@@@@@@@
00E0	40 40 40 40 40 40 40 40 40 40 40 40 D4 D4 40 D4	@@@@@@@@@@@@@...@
00F0	D4 40 D4 D4 40 40 40 E5 E5 E5 40 E5 E5 E5 40 40	@...@@@...@...@@

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0100	40 E2 E2 E2 E2 E2 E2 40 40 40 40 40 40 40 40 40	@.....@@@@@@@@@@
0110	40 40 40 40 40 40 40 40 40 40 40 40 40 40 40	@@@@@@@@@@@@@@@@@@
0120	15 40 40 40 40 40 40 40 40 40 40 40 40 40 40	.@@@@@@@@@@@@@@@@@@
0130	40 40 40 40 40 40 40 40 40 40 40 40 D4 D4 40 40	@@@@@@@@@@@@@...@@
0140	40 40 D4 D4 40 40 40 40 E5 E5 40 E5 E5 40 40 40	@@...@@@...@...@@@
0150	40 E2 E2 E2 E2 E2 E2 40 40 40 40 40 40 40 40 40	@.....@@@@@@@@@@
0160	40 40 40 40 40 40 40 40 40 40 40 40 40 40 40	@@@@@@@@@@@@@@@@@@
0170	15 40 40 40 40 40 40 40 40 40 40 40 40 40 40	.@@@@@@@@@@@@@@@@@@

0180 40 40 40 40 40 40 40 40 40 40 40 40 D4 D4 40 40 @@@@...@@  
0190 40 40 D4 D4 40 40 40 40 40 E5 E5 E5 40 40 40 40 @...@@@...@@@  
01A0 40 40 40 40 40 E2 E2 40 40 40 40 40 40 40 40 @@@@...@@@@@@  
01B0 40 40 40 40 40 40 40 40 40 40 40 40 40 40 @@@@@@@@@@@@@@@@  
01C0 15 40 40 40 40 40 40 40 40 40 40 40 40 40 .@@@@@@@@@@@@@@@  
01D0 40 40 40 40 40 40 40 40 40 40 40 40 D4 D4 40 40 @@@@@@@@@@@@@@@@...@@  
01E0 40 40 D4 D4 40 40 40 40 40 40 E5 40 40 40 40 40 @...@@@@@.@@@@@  
01F0 40 E2 E2 E2 E2 E2 E2 40 40 40 40 40 40 40 40 @.....@@@@@@@@  
0200 40 40 40 40 40 40 40 40 40 40 40 40 40 40 @@@@@@@@@@@@@@@@  
0210 15 40 15 40 40 40 40 40 40 40 40 40 40 40 .@.@@@@@@@@@@@@@  
0220 40 E2 E2 E2 E2 E2 E2 40 40 E8 E8 E8 40 40 E8 E8 @.....@@...@@..  
0230 E8 40 40 E2 E2 E2 E2 E2 E2 40 40 E3 E3 E3 E3 E3 .@.....@@.....  
0240 E3 E3 40 40 C5 C5 C5 C5 C5 C5 40 40 D4 D4 D4 40 ..@.....@@...@  
0250 40 D4 D4 D4 40 40 40 40 40 40 40 40 40 40 40 @...@@@@@@@@@@@@@  
0260 40 40 15 40 40 40 40 40 40 40 40 40 40 40 @.@@@@@@@@@@@@@@@  
0270 40 E2 E2 40 40 40 40 40 40 40 40 E8 E8 40 40 E8 E8 @.@@@@@@@...@@..  
0280 40 40 40 E2 E2 40 40 40 40 40 40 40 E3 E3 E3 E3 E3 @@@...@@@@@.....  
0290 E3 E3 40 40 C5 C5 40 40 40 40 40 40 40 D4 D4 D4 40 ..@...@@@@@...@  
02A0 40 D4 D4 D4 40 40 40 40 40 40 40 40 40 40 40 @...@@@@@@@@@@@@@  
02B0 40 40 15 40 40 40 40 40 40 40 40 40 40 40 @.@@@@@@@@@@@@@@@  
02C0 40 E2 E2 E2 E2 E2 E2 40 40 40 40 E8 E8 E8 E8 40 @.....@@@@@...@  
02D0 40 40 40 E2 E2 E2 E2 E2 E2 40 40 40 40 40 E3 E3 E3 @@@.....@@@@...  
02E0 40 40 40 40 C5 C5 C5 C5 40 40 40 40 D4 D4 40 D4 @@@@...@@@@@...@  
02F0 D4 40 D4 D4 40 40 40 40 40 40 40 40 40 40 40 .@.@@@@@@@@@@@@@  
0300 40 40 15 40 40 40 40 40 40 40 40 40 40 40 @.@@@@@@@@@@@@@@@  
0310 40 E2 E2 E2 E2 E2 E2 40 40 40 40 E8 E8 40 40 @.....@@@@@...@@  
0320 40 40 40 E2 E2 E2 E2 E2 E2 40 40 40 40 40 E3 E3 E3 @@@.....@@@@@...  
0330 40 40 40 40 C5 C5 C5 C5 40 40 40 40 D4 D4 40 40 @@@@...@@@@@...@@  
0340 40 40 D4 D4 40 40 40 40 40 40 40 40 40 40 40 @...@@@@@@@@@@@@@  
0350 40 40 15 40 40 40 40 40 40 40 40 40 40 40 @.@@@@@@@@@@@@@@@  
0360 40 40 40 40 40 E2 E2 40 40 40 40 E8 E8 40 40 @@@@...@@@@@...@@  
0370 40 40 40 40 40 40 40 E2 E2 40 40 40 40 E3 E3 E3 @@@@@@...@@@@@...  
0380 40 40 40 40 C5 C5 40 40 40 40 40 40 D4 D4 40 40 @@@@...@@@@@...@@  
0390 40 40 D4 D4 40 40 40 40 40 40 40 40 40 40 40 @...@@@@@@@@@@@@@  
03A0 40 40 15 40 40 40 40 40 40 40 40 40 40 40 @.@@@@@@@@@@@@@@@  
03B0 40 E2 E2 E2 E2 E2 E2 40 40 40 40 E8 E8 40 40 @.....@@@@@...@@  
03C0 40 40 40 E2 E2 E2 E2 E2 E2 40 40 40 40 40 E3 E3 E3 @@@.....@@@@@...  
03D0 40 40 40 40 C5 C5 C5 C5 40 40 40 40 D4 D4 40 40 @@@@...@@@@@...@@  
03E0 40 40 D4 D4 40 40 40 40 40 40 40 40 40 40 40 @...@@@@@@@@@@@@@  
03F0 40 40 15 40 15 40 40 40 40 40 40 40 40 40 @.@.@@@@@@@@@@@@@  
0400 40 40 40 40 40 40 40 40 40 40 40 40 40 40 @@@@@@@@@@@@@@@@@@  
0410 D7 D7 D7 D7 D7 D7 40 40 40 40 C1 C1 C1 C1 40 .....@@@@@...@  
0420 40 40 40 40 40 C3 C3 C3 C3 C3 40 40 40 40 40 40 @@@@@@...@@@@@@@

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0430 40 40 40 40 40 40 40 40 40 40 40 40 40 40 @@@@@@@@@@@@@@@@@@  
0440 40 40 40 40 15 40 40 40 40 40 40 40 40 40 @@@@.@@@@@@@@@@@@@  
0450 40 40 40 40 40 40 40 40 40 40 40 40 40 40 @@@@@@@@@@@@@@@@@@  
0460 D7 D7 D7 40 40 D7 D7 D7 40 40 C1 C1 40 40 C1 C1 ...@@...@@...@@..  
0470 40 40 40 40 C3 C3 C3 40 40 40 40 40 40 40 40 40 @@@@...@@@@@@@@@@@  
0480 40 40 40 40 40 40 40 40 40 40 40 40 40 40 @@@@@@@@@@@@@@@@@@  
0490 40 40 40 40 15 40 40 40 40 40 40 40 40 40 @@@@.@@@@@@@@@@@@@  
04A0 40 40 40 40 40 40 40 40 40 40 40 40 40 40 @@@@@@@@@@@@@@@@@@  
04B0 D7 D7 D7 D7 D7 D7 40 40 C1 C1 C1 C1 C1 C1 C1 .....@@.....  
04C0 C1 40 40 C3 C3 C3 40 40 40 40 40 40 40 40 40 .@...@@@@@@@@@@@@@  
04D0 40 40 40 40 40 40 40 40 40 40 40 40 40 40 @@@@@@@@@@@@@@@@@@  
04E0 40 40 40 40 15 40 40 40 40 40 40 40 40 40 @@@@.@@@@@@@@@@@@@  
04F0 40 40 40 40 40 40 40 40 40 40 40 40 40 40 @@@@@@@@@@@@@@@@@@  
0500 D7 D7 D7 40 40 40 40 40 40 40 C1 C1 40 40 40 40 C1 ...@@@@@...@@@@@..  
0510 C1 40 40 C3 C3 C3 40 40 40 40 40 40 40 40 40 .@...@@@@@@@@@@@@@  
0520 40 40 40 40 40 40 40 40 40 40 40 40 40 40 @@@@@@@@@@@@@@@@@@  
0530 40 40 40 40 15 40 40 40 40 40 40 40 40 40 @@@@.@@@@@@@@@@@@@

```

0540 40 40 40 40 40 40 40 40 40 40 40 40 40 40 40 @@@@
0550 D7 D7 D7 40 40 40 40 40 40 C1 C1 40 40 40 40 C1 ...@@@.
0560 C1 40 40 40 C3 C3 C3 40 40 40 40 40 40 40 40 .@@@...@@@@
0570 40 40 40 40 40 40 40 40 40 40 40 40 40 40 @@@@
0580 40 40 40 40 15 40 40 40 40 40 40 40 40 40 40 @@@@.@@@@
0590 40 40 40 40 40 40 40 40 40 40 40 40 40 40 @@@@

```

----- Frame 60 -----

```

SUMMARY Delta T Destination Source Summary
        60 0.0002 02          00          SNA (MIS)

```

```

SNA: ----- Transmission Header -----
SNA:
SNA: Format identification (FID) = 2
SNA:
SNA: Header flags = 20
SNA: 0010 .... = Format identification
SNA: .... 00.. = Middle segment
SNA: .... ..0. = Address field negotiation flag
SNA: .... ...0 = Normal flow
SNA: Destination address = 02
SNA: Source address = 00
SNA: Sequence number = 1
SNA:
SNA: ----- SNA FID Type 2 segment -----
SNA:
SNA: [55 byte(s) of data in middle segment]
SNA:

```

```

ADDR  HEX                               ASCII
0000  10 00 5A 14 F4 7A 02 00 11 11 02 00 00 41 04 04 ..Z..z.....A..
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```

```

0010 1C 14 20 00 02 00 00 01 40 40 40 40 40 D7 D7 D7 .. .....@@@@...
0020 40 40 40 40 40 40 C1 C1 40 40 40 40 C1 C1 40 40 @@@@...@@@.@@
0030 40 40 C3 C3 C3 C3 C3 40 40 40 40 40 40 40 40 @@.....@@@@
0040 40 40 40 40 40 40 40 40 40 40 40 40 40 40 @@@@

```

----- Frame 61 -----

```

SUMMARY Delta T Destination Source Summary
        61 0.0000 02          00          SNA (LIS)

```

```

SNA: ----- Transmission Header -----
SNA:
SNA: Format identification (FID) = 2
SNA:
SNA: Header flags = 24
SNA: 0010 .... = Format identification
SNA: .... 01.. = Last segment
SNA: .... ..0. = Address field negotiation flag
SNA: .... ...0 = Normal flow
SNA: Destination address = 02
SNA: Source address = 00
SNA: Sequence number = 1
SNA:
SNA: ----- SNA FID Type 2 segment -----

```

SNA:  
SNA: [35 byte(s) of data in last segment]  
SNA:

ADDR	HEX	ASCII
0000	10 00 5A 14 F4 7A 02 00 11 11 02 00 00 2D 04 04	..Z..z.....-..
0010	1E 14 24 00 02 00 00 01 40 40 15 C5 D5 E3 C5 D9	..\$......@.....
0020	40 C1 D7 D7 D3 C9 C3 C1 E3 C9 D6 D5 40 D9 C5 D8	@.....@.....
0030	E4 C5 E2 E3 40 7E 6E 40 40 40 15 00	....@~n@@@..

- - - - - Frame 62 - - - - -

SUMMARY	Delta T	Destination	Source	Summary
62	0.0013	020011110200	IBM 14F47A	LLC R D=04 S=04 RR NR=15

LLC: ----- LLC Header -----  
LLC:  
LLC: DSAP Address = 04, DSAP IG Bit = 00 (Individual Address)  
LLC: SSAP Address = 04, SSAP CR Bit = 01 (Response)  
LLC: Supervisory frame: RR, N(R) = 15  
LLC:

ADDR	HEX	ASCII
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ADDR	HEX	ASCII
0000	02 00 11 11 02 00 10 00 5A 14 F4 7A 00 04 04 05	.....Z..z....
0010	01 1E 2D 00 00 02 00 04 EB 80 00 0D 01 01 00 85	..-.....
0020	00 00 00 0C 06 03 00 01 00 00 00 00 00 00 00	.....
0030	F4 C3 C5 F4 D9 C1 D3 4B C9 C2 D3 C1	.....K....

- - - - - Frame 63 - - - - -

SUMMARY	Delta T	Destination	Source	Summary
63	0.0636	00	02	SNA +R

SNA: ----- Transmission Header -----  
SNA:  
SNA: Format identification (FID) = 2  
SNA:  
SNA: Header flags = 2C  
SNA: 0010 .... = Format identification  
SNA: .... 11.. = Only segment  
SNA: .... ..0. = Address field negotiation flag  
SNA: .... ..0 = Normal flow  
SNA: Destination address = 00  
SNA: Source address = 02  
SNA: Sequence number = 1  
SNA:  
SNA: ----- Response Header (RH) -----  
SNA:  
SNA: RH byte 0 = 83  
SNA: 1... .... = Response  
SNA: .00. .... = RU category is 'function management data'  
SNA: .... 0... = No header follows  
SNA: .... .0.. = Sense data not included  
SNA: .... ..11 = Only RU in chain  
SNA: RH byte 1 = 80  
SNA: 1... .... = Definite response 1 indicator

```

SNA:      ..0. .... = Definite response 2 indicator
SNA:      ...0 .... = Positive response type
SNA:      .... ..0. = Response bypasses TC queues
SNA:      .... ...0 = Pacing indicator
SNA: RH byte 2      = 00
SNA:      0000 0000 = Reserved
SNA:

```

```

ADDR  HEX                                     ASCII
0000  02 00 11 11 02 00 10 00  5A 14 F4 7A 00 0D 04 04  ..Z...z....
0010  14 20 2C 00 00 02 00 01  83 80 00 00 01 01 00 85  . ,.....
0020  00 00 00 0C 06 03 00 01  00 00 00 00 00 00 00 00  ..
0030  F4 C3 C5 F4 D9 C1 D3 4B  C9 C2 D3 C1  ..K....

```

----- Frame 64 -----

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```

SUMMARY  Delta T      Destination  Source          Summary
        64      0.0968  IBM    14F47A    020011110200  LLC C D=04 S=04 RR NR=11

```

```

LLC: ----- LLC Header -----
LLC:
LLC: DSAP Address = 04, DSAP IG Bit = 00 (Individual Address)
LLC: SSAP Address = 04, SSAP CR Bit = 00 (Command)
LLC: Supervisory frame: RR, N(R) = 11
LLC:

```

```

ADDR  HEX                                     ASCII
0000  10 00 5A 14 F4 7A 02 00  11 11 02 00 00 04 04 04  ..Z..z.....
0010  01 16 00 00 00 00 00 00  00 00 00 00 00 00 00 00  ..
0020  00 00 00 00 00 00 00 00  00 00 00 00 00 00 00 00  ..
0030  00 00 00 00 00 00 00 00  00 00 00 00  ..

```

----- Frame 72 -----

```

SUMMARY  Delta T      Destination  Source          Summary
        72      9.9001  IBM    14F47A    020011110200  LLC C D=04 S=04 RR NR=11 P

```

```

LLC: ----- LLC Header -----
LLC:
LLC: DSAP Address = 04, DSAP IG Bit = 00 (Individual Address)
LLC: SSAP Address = 04, SSAP CR Bit = 00 (Command)
LLC: Supervisory frame: RR, N(R) = 11, POLL
LLC:

```

```

ADDR  HEX                                     ASCII
0000  10 00 5A 14 F4 7A 02 00  11 11 02 00 00 04 04 04  ..Z..z.....
0010  01 17 00 00 00 00 00 00  00 00 00 00 00 00 00 00  ..
0020  00 00 00 00 00 00 00 00  00 00 00 00 00 00 00 00  ..
0030  00 00 00 00 00 00 00 00  00 00 00 00  ..

```

----- Frame 73 -----

```

SUMMARY  Delta T      Destination  Source          Summary
        73      0.0003  020011110200  IBM    14F47A    LLC R D=04 S=04 RR NR=16 F

```

```
LLC: ----- LLC Header -----
LLC:
LLC: DSAP Address = 04, DSAP IG Bit = 00 (Individual Address)
LLC: SSAP Address = 04, SSAP CR Bit = 01 (Response)
LLC: Supervisory frame: RR, N(R) = 16, FINAL
LLC:
```

```
ADDR  HEX                                     ASCII
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```

```
0000  02 00 11 11 02 00 10 00  5A 14 F4 7A 00 04 04 05  .....Z..z....
0010  01 21 2C 00 00 02 00 01  83 80 00 00 01 01 00 85  .!,.....
0020  00 00 00 0C 06 03 00 01  00 00 00 00 00 00 00 00  .....
0030  F4 C3 C5 F4 D9 C1 D3 4B  C9 C2 D3 C1          .....K....
```

---

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