



Data Comm for Business, Inc.
 2949 County Road 1000 E
 Dewey, IL 61840
 217-897-6600, FAX 217-897-1331
 Outside Illinois: 800-4DCBNET
<http://www.dcbnet.com>

Loop H 3300 Quick Start Guide

SETUP for 4-Wire (2 Pairs)

To extend a TELCO Demarc to a piece of customer equipment using 2 pairs the only setup required is that one unit be configured as follows:

xDSL Mode: Master
 Clock Source: T1
 Line Rate: Nx64, 12 time slots, OK
 Loop Num: Two Loops

This can easily be done using the front panel switches and LCD screen or the Console port. When connected, the Slave unit will automatically configure itself. The Console port General Setup screen below shows the configuration summary for this application.

```
xDSL-T1-MASTER-776K-2      === General Setup ===          22:28:31 08/14/2007
ARROW KEYS: CURSOR MOVE, TAB: ROLL OPTIONS
Line Rate: 776Kbps (2 pairs)
[----- LOCAL -----]
xDSL MODE      : MASTER
CLOCK SOURCE   : T1
T1 FRAMING    : ESF
T1 CODE       : B8ZS
T1 CAS        : OFF
T1 INTERFACE  : LONG-HAUL
T1 LBO        : 0dB
T1 YEL        : ON
T1 INBAND     : OFF
T1 Time Slots :
  [111111111111111111111111]
xDSL carries T1 time slots as:
  TS 01 02 03 04 05 06 07 08 09 10
  TS 11 12 13 14 15 16 17 18 19 20
  TS 21 22 23 24

[----- FAR-END -----]
xDSL MODE      : SLAVE
CLOCK SOURCE   : LINE
T1 FRAMING    : ESF
T1 CODE       : B8ZS
T1 CAS        : OFF

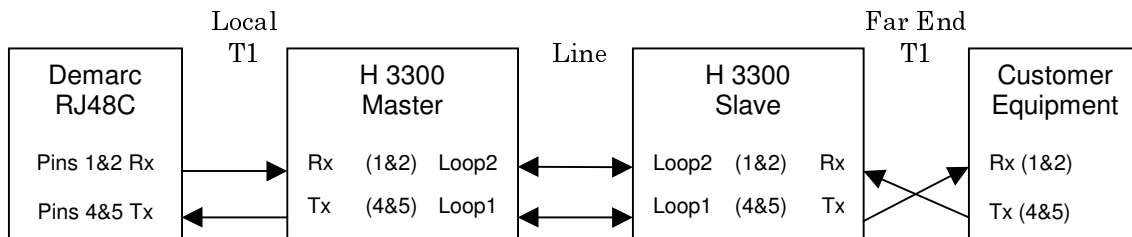
Select 24 Channels from T1 time slots
to route into xDSL channels:
T1 Time Slots :
  [111111111111111111111111]
xDSL carries T1 time slots as:
  TS 01 02 03 04 05 06 07 08 09 10
  TS 11 12 13 14 15 16 17 18 19 20
  TS 21 22 23 24

DATE and TIME : 22:28:30 08/14/2007
Baud Rate     : 9600

<< Press ESC key to return to Main Menu >>
```

CONNECTIONS

To extend a TELCO demarc to customer equipment over two customer owned pairs, follow the connection diagram below.



SETUP for 2-Wire (1 Pair)

To extend a TELCO Demarc to a piece of customer equipment using 1 pair the only setup required is that one unit be configured as follows:

xDSL Mode: Master
 Clock Source: T1
 Line Rate: Nx64, 24 time slots, OK

This can easily be done using the front panel switches and LCD screen or the Console port. When connected, the Slave unit will automatically configure itself. The Console port General Setup screen below shows the configuration summary for this application.

```
xDSL-T1-MASTER-1544K-1      === General Setup ===                22:03:51 08/15/2007
ARRYS: CURSOR MOVE, TAB: ROLL OPTIONS
Line Rate: 1544Kbps (1 pair)
[----- LOCAL -----]
xDSL MODE      : MASTER
CLOCK SOURCE   : T1
T1 FRAMING     : ESF
T1 CODE        : B8ZS
T1 CAS         : OFF
T1 INTERFACE   : LONG-HAUL
T1 LBO         : 0dB
T1 YEL         : ON
T1 INBAND      : OFF
T1 Time Slots  :
[111111111111111111111111]
xDSL carries T1 time slots as:
  TS 01 02 03 04 05 06 07 08 09 10
  TS 11 12 13 14 15 16 17 18 19 20
  TS 21 22 23 24

[----- FAR-END -----]
xDSL MODE      : SLAVE
CLOCK SOURCE   : LINE
T1 FRAMING     : ESF
T1 CODE        : B8ZS
T1 CAS         : OFF
Select 24 Channels from T1 time slots
to route into xDSL channels:
T1 Time Slots  :
[111111111111111111111111]
xDSL carries T1 time slots as:
  TS 01 02 03 04 05 06 07 08 09 10
  TS 11 12 13 14 15 16 17 18 19 20
  TS 21 22 23 24

DATE and TIME  : 22:03:50 08/15/2007
Baud Rate      : 9600

<< Press ESC key to return to Main Menu >>
```

CONNECTIONS

To extend a TELCO demarc to customer equipment over a single customer owned pair, follow the connection diagram below.

