



Fox Delta

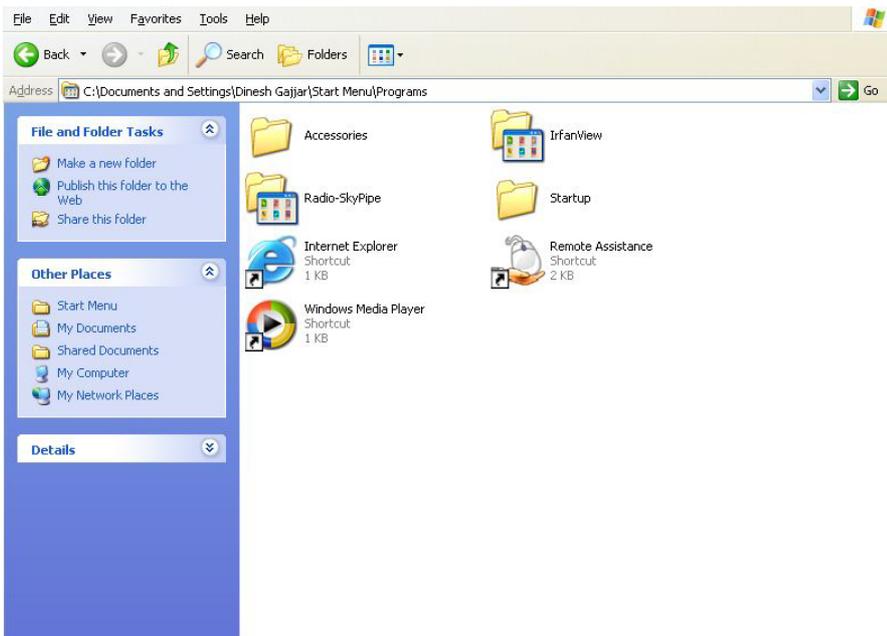
Amateur Radio Projects & Kits

FoxDigi

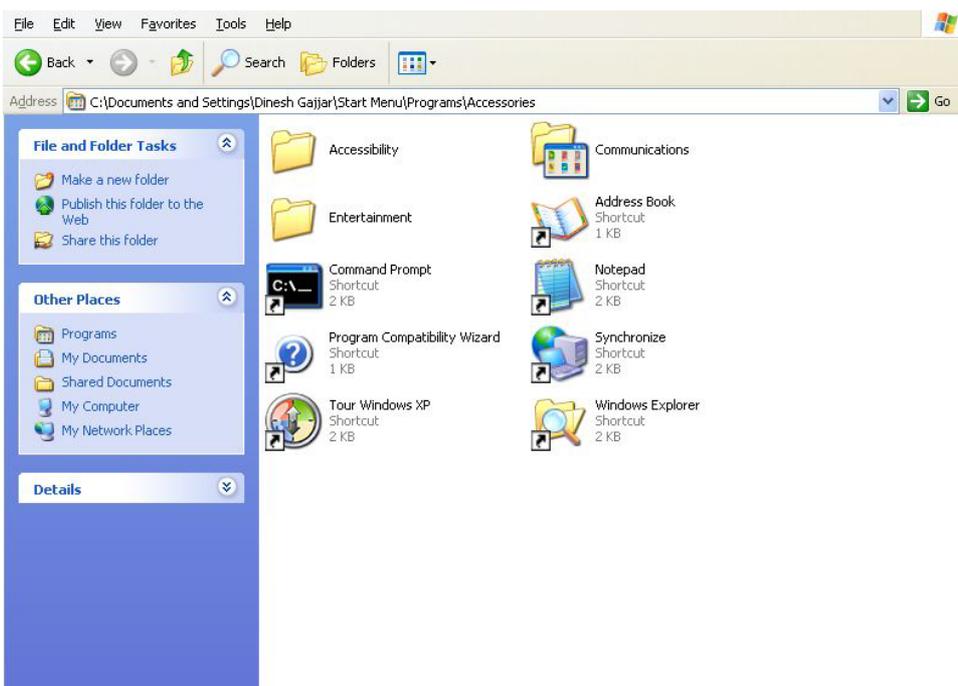
User information for Windows Hyper Terminal for Configuration of FoxDigi

Locating Window's Hyper Terminal:

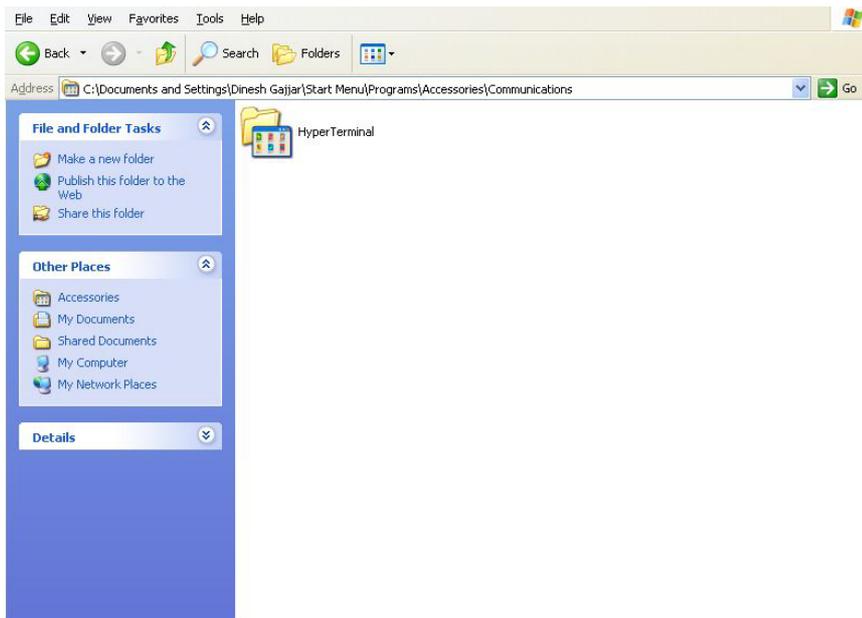
Open "Programs":



Now open "Accessories":



Double Click “Communications”:



Here, you will find “Hyper Terminal”.

If its not there, go to Cpanel, add-remove programs & install Hyper Terminal. Windows may ask for install Disk.

Creating a connection for 9600 or 4800 baud for Hyper Terminal:

Open Hyper Terminal by double clicking “Hyper Terminal” icon:



A new window will open to create a connection:



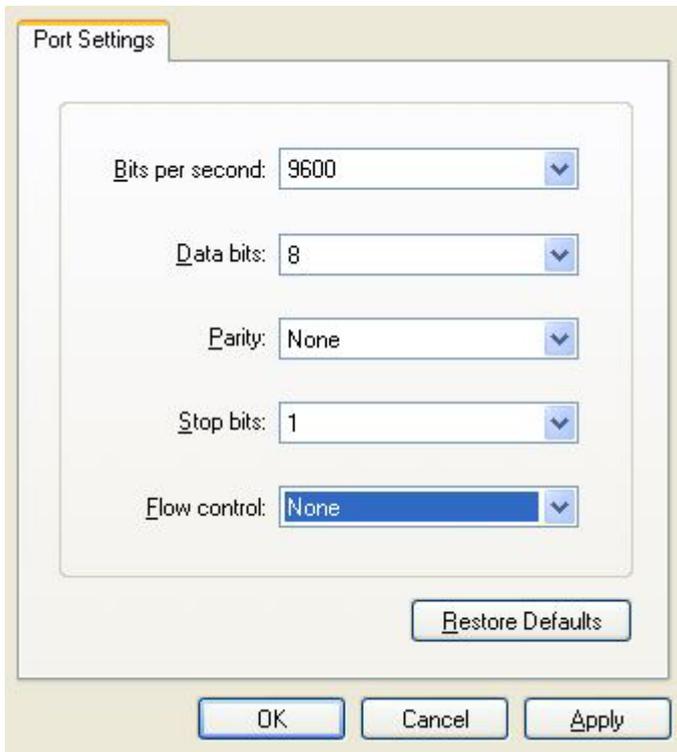
Give a name to your new connection. You may name it as "Foxdigi-9600" or FoxDigi-4800", which ever you like. (Or you may create 2-connection setup one after another)



Press Ok to continue & configure rest of the connection

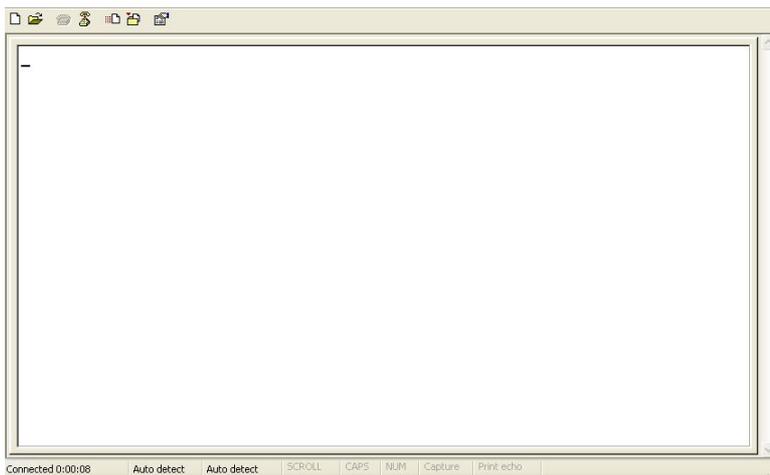


Select COM port that you wish to use and supported on your PC



Select baud rate & other parameters for this connection.

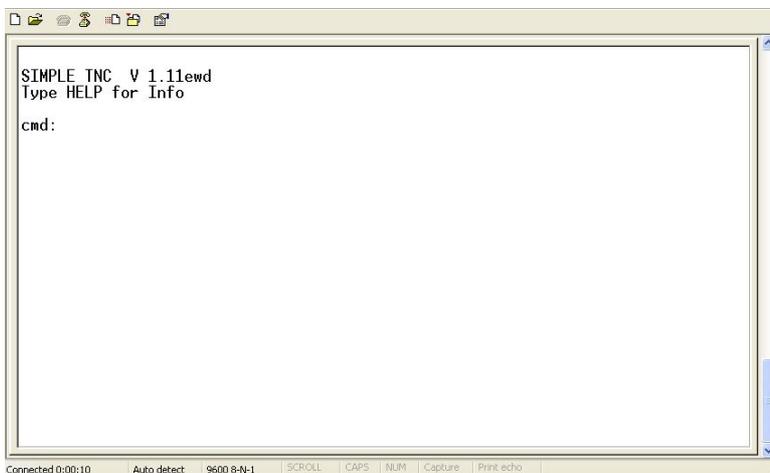
Press “Apply” and then “OK”



Now you will see a cursor on screen.

Now Hyper Terminal is ready to receive data from COM1 at 9600 baud.

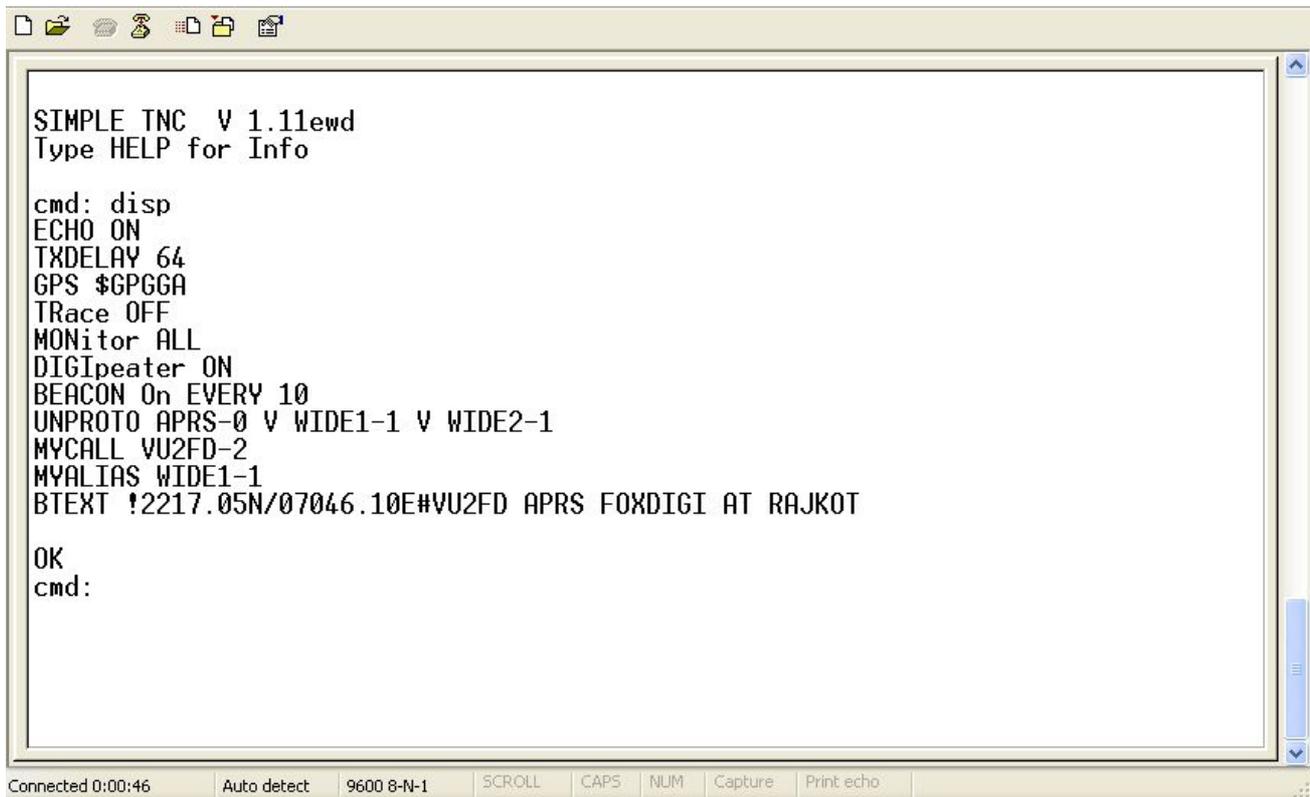
Connect FoxDigi to COM1 using a standard serial cable. Power FoxDigi and you will see a message on screen.



FoxDigi is connected and ready for configuration of user parameters.

Configuration of FoxDigi for user Parameters:

To check what is already inside the PIC's memory, please type "DISP" and enter:

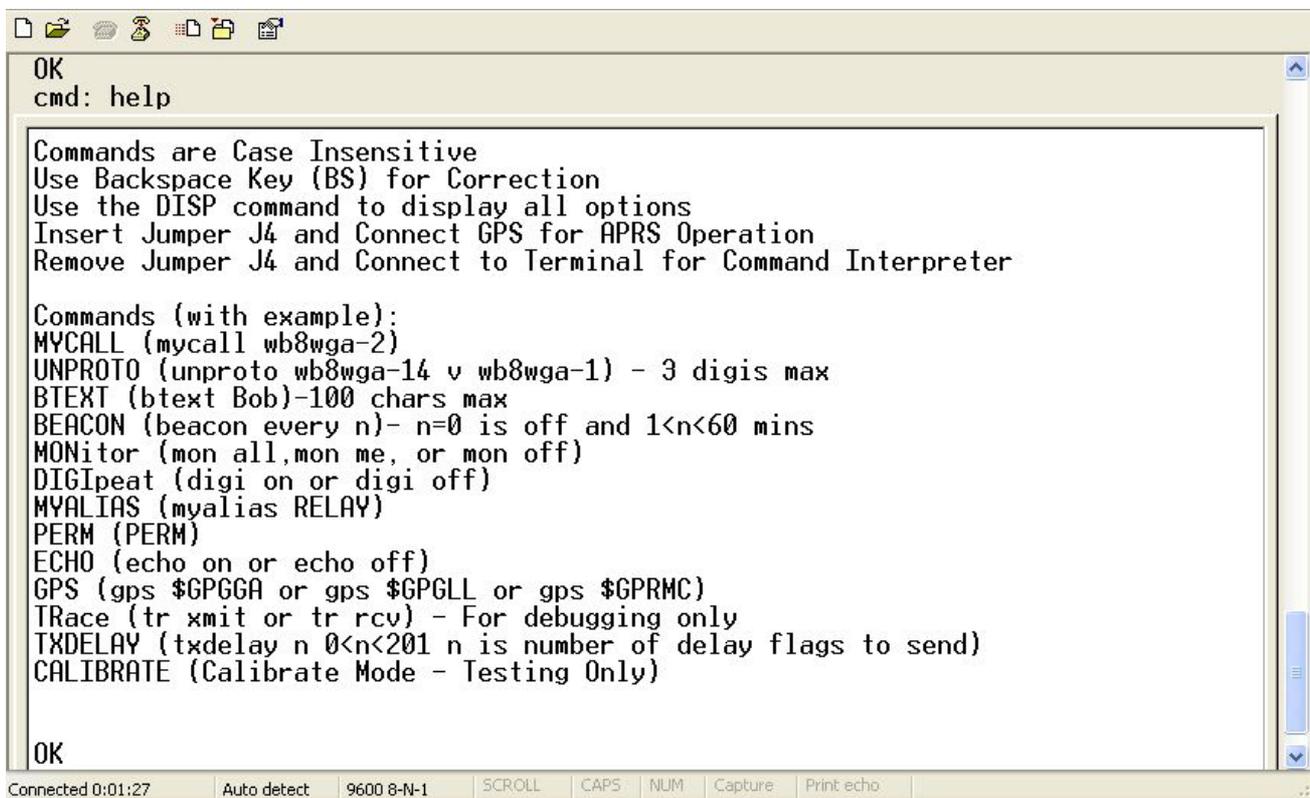


```
SIMPLE TNC V 1.11ewd
Type HELP for Info

cmd: disp
ECHO ON
TXDELAY 64
GPS $GPGGA
TRace OFF
MONitor ALL
DIGIpeater ON
BEACON On EVERY 10
UNPROTO APRS-0 V WIDE1-1 V WIDE2-1
MYCALL VU2FD-2
MYALIAS WIDE1-1
BTEXT !2217.05N/07046.10E#VU2FD APRS FOXDIGI AT RAJKOT

OK
cmd:
```

To see what options are available, type command "help":



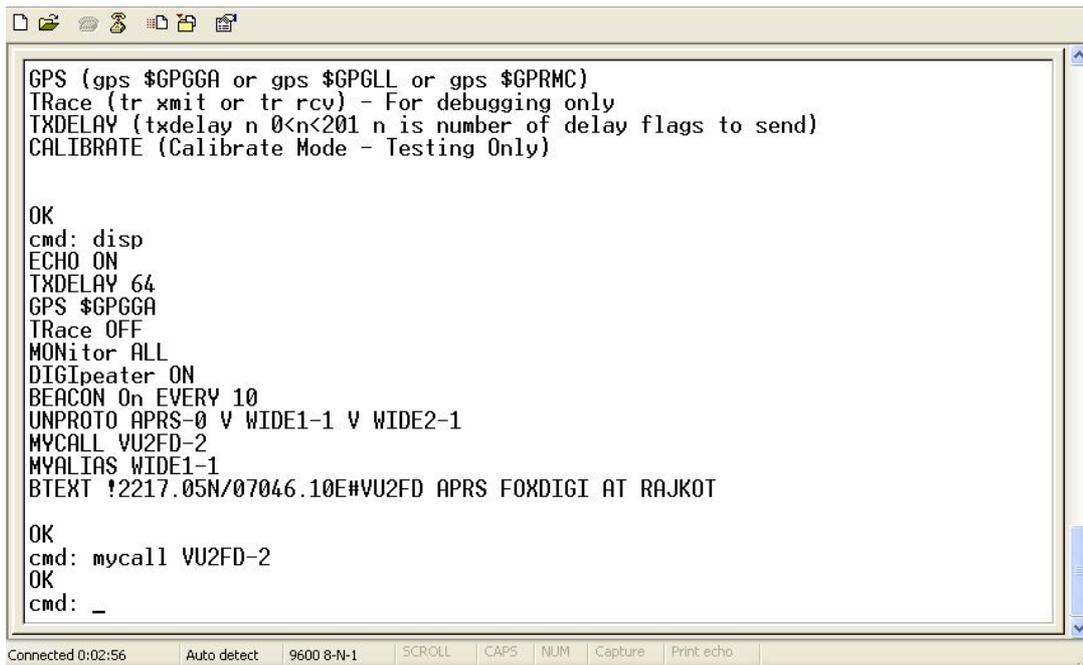
```
OK
cmd: help

Commands are Case Insensitive
Use Backspace Key (BS) for Correction
Use the DISP command to display all options
Insert Jumper J4 and Connect GPS for APRS Operation
Remove Jumper J4 and Connect to Terminal for Command Interpreter

Commands (with example):
MYCALL (mycall wb8wga-2)
UNPROTO (unproto wb8wga-14 v wb8wga-1) - 3 digis max
BTEXT (btext Bob)-100 chars max
BEACON (beacon every n)- n=0 is off and 1<n<60 mins
MONitor (mon all,mon me, or mon off)
DIGIpeat (digi on or digi off)
MYALIAS (myalias RELAY)
PERM (PERM)
ECHO (echo on or echo off)
GPS (gps $GPGGA or gps $GPGLL or gps $GPRMC)
TRace (tr xmit or tr rcv) - For debugging only
TXDELAY (txdelay n 0<n<201 n is number of delay flags to send)
CALIBRATE (Calibrate Mode - Testing Only)

OK
```

Sample entry of MYCALL:



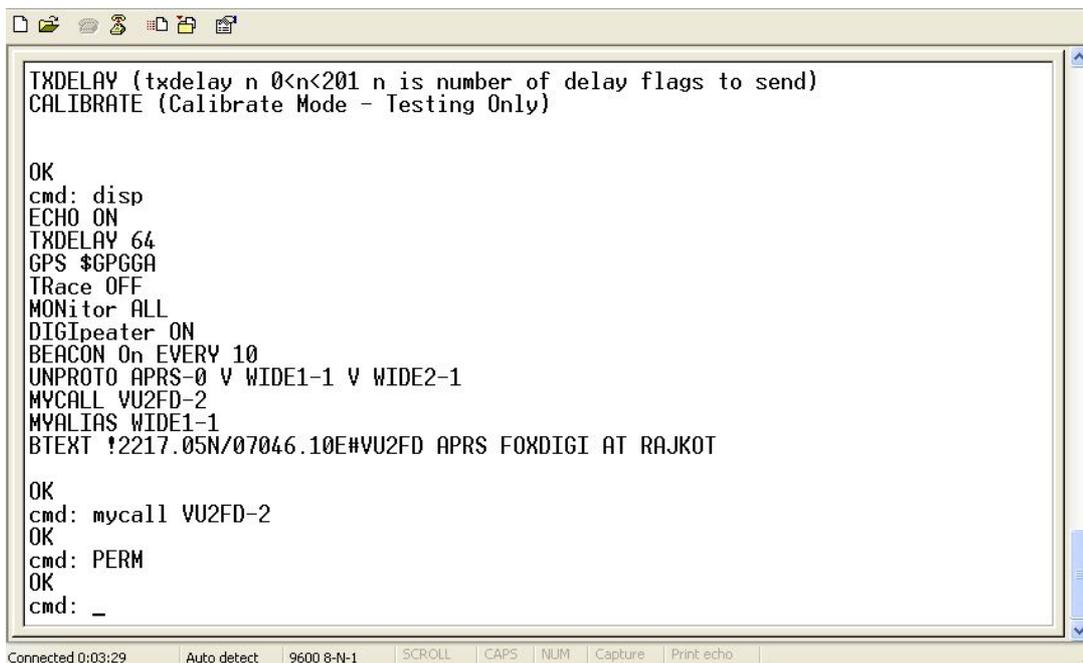
```
GPS (gps $GPGGA or gps $GPGLL or gps $GPRMC)
TRace (tr xmit or tr rcv) - For debugging only
TXDELAY (txdelay n 0<n<201 n is number of delay flags to send)
CALIBRATE (Calibrate Mode - Testing Only)

OK
cmd: disp
ECHO ON
TXDELAY 64
GPS $GPGGA
TRace OFF
MONitor ALL
DIGIpeater ON
BEACON On EVERY 10
UNPROTO APRS-0 V WIDE1-1 V WIDE2-1
MYCALL VU2FD-2
MYALIAS WIDE1-1
BTEXT !2217.05N/07046.10E#VU2FD APRS FOXDIGI AT RAJKOT

OK
cmd: mycall VU2FD-2
OK
cmd: _
```

“OK” indicates that PIC is properly written with new information.

Save your entry by using command “PERM” on completion of all required entries.



```
TXDELAY (txdelay n 0<n<201 n is number of delay flags to send)
CALIBRATE (Calibrate Mode - Testing Only)

OK
cmd: disp
ECHO ON
TXDELAY 64
GPS $GPGGA
TRace OFF
MONitor ALL
DIGIpeater ON
BEACON On EVERY 10
UNPROTO APRS-0 V WIDE1-1 V WIDE2-1
MYCALL VU2FD-2
MYALIAS WIDE1-1
BTEXT !2217.05N/07046.10E#VU2FD APRS FOXDIGI AT RAJKOT

OK
cmd: mycall VU2FD-2
OK
cmd: PERM
OK
cmd: _
```

I hope this information will be useful to those who are not familiar with Hyper Terminal.

Dinesh Gajjar / 17th August 2008

Please visit <http://www.foxdelta.com> for more information on this project.