**Node SYSOP Mode**

The SYSOP password is defined by the BPQ32.cfg PASSWORD command.   
  
To enter SYSOP Mode, type PASSWORD   
  
When accessed remotely, a password prompt is sent, containing 5 random numbers in the range 1 to the length of the PASSWORD string. Enter PASSWORD followed by the corresponding five letters from the password string. If entered from a local terminal or via a Telnet session with SYSOP flag set you will go straight to SYSOP mode.   
  
For Example:

To obtain sysop status locally enter:

password [command entry]

TRFDX:N5IN-3} Ok [switch response]

t3 [example command entry]

TRFDX:N5IN-3} T3 28 [switch response]

To obtain sysop status remotely enter:

password

TRFDX:N5IN-3} 04 10 03 07 04

password 7tzt7 [command entry]

TRFDX:N5IN-3} Ok [switch response]

t3 [example command entry]

TRFDX:N5IN-3} T3 28 [switch response]

The password command entry is case insensitive.

The following commands are supported:

Port Params

TXDELAY

MAXFRAME

FRACK

RESPTIME

PPACLEN

RETRIES

QUALITY

PERSIST

TXTAIL

XMITOFF

DIGIFLAG

DIGIPORT

MAXUSERS

VALIDCALL

L3ONLY

BBSALIAS

FULLDUP

SOFTDCD

The above display or update the corresponding parameter for a specified port,

eg PACLEN 1 100

PERSIST 2 50

If the third parameter is omitted, the current value is displayed.

It is not currently possible to update VALIDCALLS, but you can display

the current setting.

\*\*\* Warning \*\*\*

At the moment the FRACK value is in 1/3sec units, and the TXDELAY is in

50ms units for HDLC cards, and 10ms units for KISS TNCs. I'll be sorting

this out when I get the time to rationalize the timer code, but in the

meantime, I suggest you make a note of the current values before you

start fiddling.

Also KISS users should note that the params are only sent to the TNC every

5 mins or so, so the updated values may not take effect for a while.

System Params

REMDUMP

OBSINIT

OBSMIN

NODESINT

L3TTL

L4RETRIES

L4TIMEOUT

T3

NODEIDLETIME

LINKEDFLAG

IDINTERVAL

MINQUAL

FULLCTEXT

HIDENODES

L4DELAY

L4WINDOW

BTINTERVAL

The above display or update the corresponding Node parametet.

System Commands

SAVENODES

SENDNODES

RECONFIG

REBOOT

ROUTES

To update an entry, enter ROUTES Call Port Params

eg ROUTES G8BPQ-2 2 100 - Set quality to 100

ROUTES G8BPQ-2 2 ! - Toggle 'Locked Route' flag

ROUTES G8BPQ-2 2 100 ! - Set quality and toggle 'locked' flag

STOPPORT n

STARTPORT n

Close or reopen Port n (which must be a KISS Port). Enables another program to use the port

to allow the tnc to be reconfigured without closing the node

WL2KSYSOP

WL2KSYSOP SET

Display information from your WINLINK 2000 SYSOP record, or create a basic record if you don't

have one.