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Use of the NAV6plus RS232 data output

The NAV6plus supports RS232 serial data connection to external equipment;
A PC RS232 COM port (via ICS Cable option 6020.09)
Printer or chart plotter (via ICS Cable option 6020.10)

The PC serial port or printer should be set to 4800 baud, 8 data bits, no parity, 1 stop bit, and no flow control.
To display NAVTEX messages or logbook information on your PC, use a terminal emulator program such as Windows HyperTerminal.

Should you wish to make your own data cable the connection details are:-
PC 9pin RS232 interface port to NAV6 pin assignment, only 3 pins are connected.
PC COM port 9 way "D" type female:
pin number 2 connects to NAV6plus display cable -(RX) 'Black' (Paired with brown)
pin number 3 connects to NAV6plus display cable - (TX) 'Brown' (paired with black)
pin number 5 connects to NAV6plus display cable - (common ground) 'Black' (Paired with red)

Using Windows HyperTerminal to display NAVTEX message text or log book records.

Windows HyperTerminal is a Windows (set-up) option, if its not currently installed it should be installed via the Windows, control panel, add /remove programs, 'Windows components' tab.

Once HyperTerminal is available make a new connection, Call it FAX6.
Set-up the FAX6 connection as follows:- Connect using COM1 (assuming NAV6 is connected to COM 1),
Set options to; Bit per second - 4800, 8 data bits, no parity, 1 stop bit, Flow control -none.

Setting up the NAV6plus - printer / PC output

Tip, Print options and data out to PC are one and the same thing.

Activate the NAV6 RS232 output from the NAVTEX options page;
To access this, go to; SETUP MODE, NAVTEX VIEW, OPTIONS PAGE,
Scroll down to 'Print Settings'.

Selecting 'AUTO' Print will turn on the PRINT SETUP (left most) SOFTKEY, use the PRINT SETUP menu pages to make your selection of 'Station letter & Message type' for AUTO printing.

Selecting 'Manual' Print will turn on the PRINT message key (left most) SOFTKEY on the NAVTEX MODE menu page.
Use the PRINT message key to print the message that is currently in view at the top of the display.

The print message 'OUTPUT FORMAT' option;
'PRINTER' appends a detailed message header to each separate NAVTEX message.
'DATA' provides straight message text.

Printing NMEA log (display log text on PC).

Turn on the Log printing, go to; SETUP MODE, NAVIGATE VIEW, OPTIONS PAGE,
Scroll down to 'Print Settings'

Selecting 'AUTO PRINT' will send an individual log record to the NAV6 data output connection at each Logging interval period (setting).

Selecting 'Manual' Print will turn on the LOG VIEW 'PRINT message key' (left most) SOFTKEY on the LOG VIEW page.
Use the PRINT log key to print the complete page of log records that are currently in view.