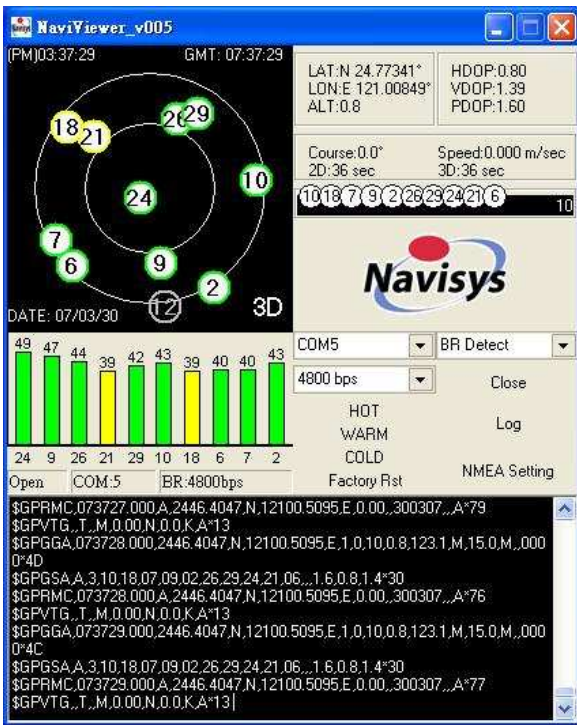


Quick Guide of NaviViewer

Overview

NaviViewer is a GPS viewer tool developed by NaviSys Technology Corp. NaviSys keeps the use of NaviViewer as simple as possible. The use of NaviViewer is very straightforward except following obscure functions.

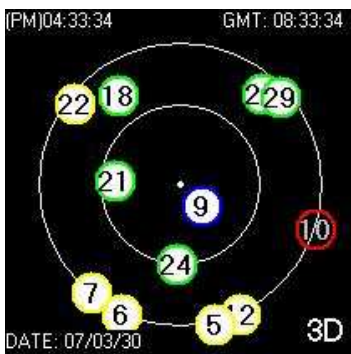


If double click, get shrunk NaviViewer.



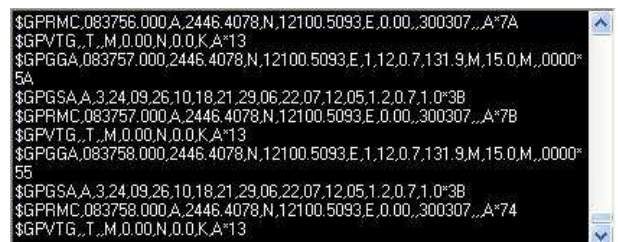
Clicks and Double Clicks

1. Click on



Get

2. Click on display console, display suspends.



One more click resumes display.

3. If double click, it waits for command input as following:

NaviSys Technology Corp.

Tel : +886-3-5632598

Sales contact: sales@navisys.com.tw

Address: 2F, No.56, Park Ave. II, Science-Based Industrial Park, Hsinchu 300, Taiwan (R.O.C.)

<http://www.navisys.com.tw/>

Fax: +886-3-5632597

Technical support: support@navisys.com.tw



For example, following commands will disable GGA, GSA, GSV, VTG output and set RMC to output every minute.

\$PSRF103,00,00,00,01*24 (Disable GGA output)

\$PSRF103,02,00,00,01*26 (Disable GSA output)

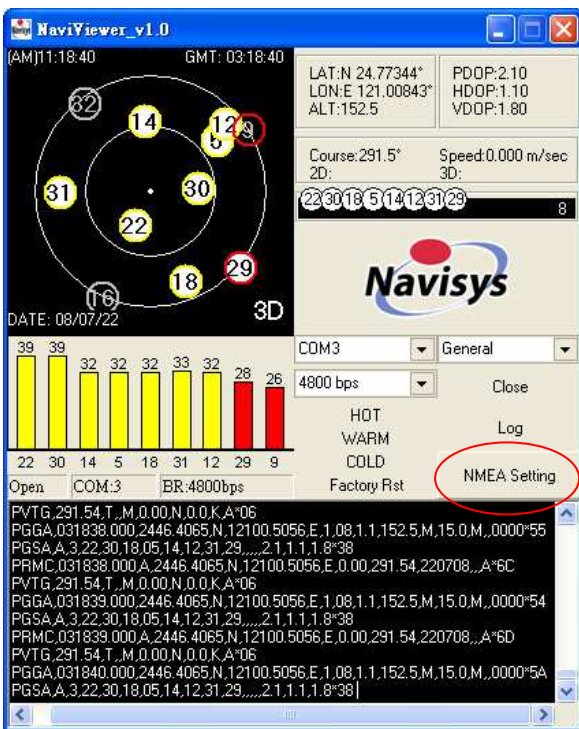
\$PSRF103,03,00,00,01*27 (Disable GSV output)

\$PSRF103,05,00,00,01*21 (Disable VTG output)

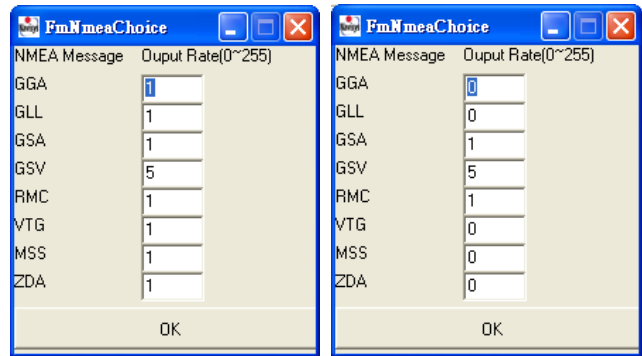
\$PSRF103,04,00,60,01*26 (RMC output @ 1/60Hz)

NMEA Sentences Selection

1. Click on **NMEA Setting**



Get following left.

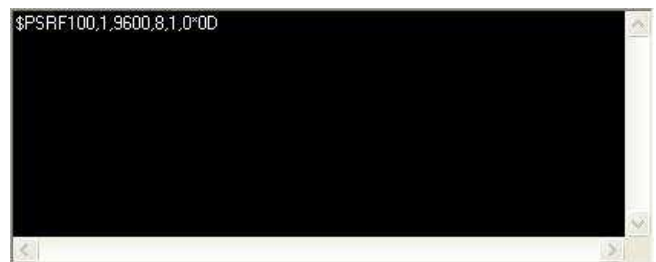


Change it to above right and click on **OK**. It outputs GSA, RMC every second and GSV every 5 seconds and no output for others.

Baud Rate Change

Double click on display console for baud rate change:

Change the baud rate to 9600: Enter following



and the output stops since the baud rate has been changed. Please close and reopen with new baud rate.

Following is a summary for different baud rate settings:

4800: \$PSRF100,1,4800,8,1,0*0E

9600: \$PSRF100,1,9600,8,1,0*0D

19200: \$PSRF100,1,19200,8,1,0*38

38400: \$PSRF100,1,38400,8,1,0*3D

57600: \$PSRF100,1,57600,8,1,0*36

115200: \$PSRF100,1,115200,8,1,0*05

Output Mode Change

There are two output modes – NMEA and SiRF binary.

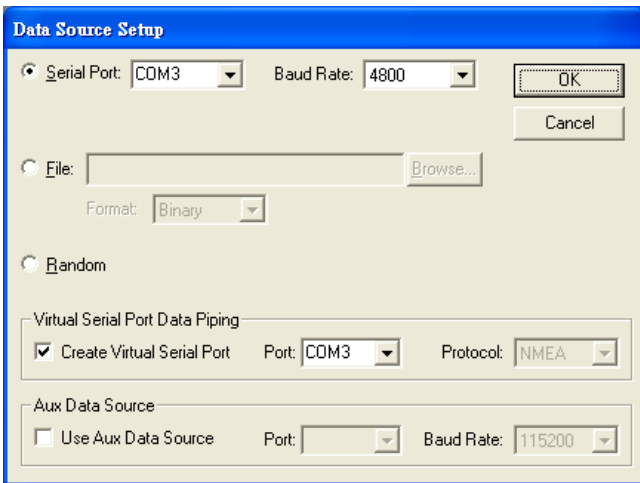
Above baud rate change still keeps GPS in the NMEA output mode. If SiRF binary mode is preferred, similar commands are used. Following example changes to SiRF binary mode with baud rate of 4800:



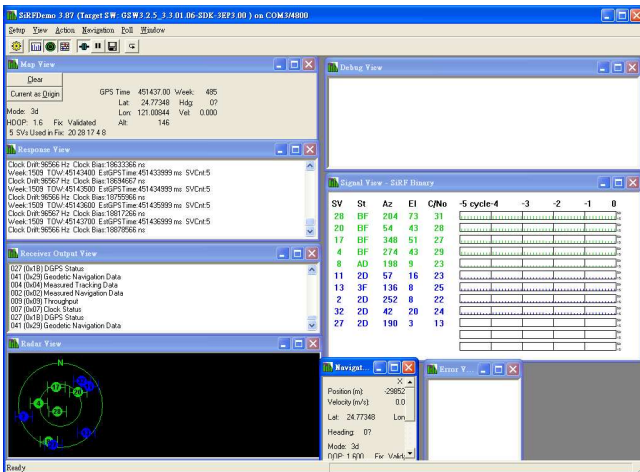
SRAM power is OFF.

*This document is subject to change without notice.

the output stops since the output mode has been changed. Please close and reopen with other tool that supports SiRF binary display. Following is the example that uses SiRFDemo to open it.



Click on **OK** and we have the binary display:



*Please note that the setting change of NMEA sentence output rate, baud rate, and protocol is temporary. It is stored in internal SRAM. The data will disappear if the