

NMEA Data Display Program



Version - 1.00

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This free diagnostics software is ideal for any dealer or technically capable end user that needs to read or log NMEA0183 data. Developed by Digital Yacht as an alternative to Microsoft's general purpose HyperTerminal Program (supplied free with Windows 95, 98 and XP), it has been designed specifically for NMEA0183 and as such, is much simpler to use and will run on Windows Vista and Windows 7.

On running the program, it will take a second or so to detect what COM ports are available. Then simply select the relevant port, select Normal NMEA data (4800 baud rate) or High Speed NMEA for AIS (38,400 baud) and the program will start to display all of the raw NMEA0183 sentences that it receives on the selected COM port. It can also record and save this data to a text file.

Record Icon
Click this to start logging the NMEA data to a text file

Stop + Save Icon
Click this to stop logging the NMEA data and save the text file

Clear Screen Icon
Click this to clear the current screen of NMEA data

Setup Icon
Click this to select another COM port or change baud rate

NMEA Sentence List
A list is maintained of all the sentences received, selecting one displays the data fields of that sentence on the right hand pane (in real time)

Raw NMEA Data
As NMEA data is received the sentences will scroll down the screen

Name	Type	Value
1 UTC		112031
2 Status		A
3 Latitude		5051.31
4 ns		N
5 Longitude		108.078
6 ew		W

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Parse Result
SANDM_MSG5
SANDM_MSG1
SOPRMC
SANDM_MSG3
SANDM_MSG4

Raw Data
!AIVDM,1,1,,D,13P7j=07Iw3E<M39qdqf#0@B1,0*77
$GPGBS,112030.00,3.3,2.8,5.5,...*4A
!AIVDO,1,1,,B00000007vdqM7AUrNO;wg5sP06,0*55
!AIVDM,1,1,,A,13M@D7@014Or3e2M3;3a@4v0D1c,0*2B
$GPGBS,112031.00,3.3,2.8,5.5,...*4B
!AIVDO,1,1,,B00000007vdqKWAUrFNOwgUsP06,0*2E
!AIVDM,1,1,,A,33Q81@P3jOrumDM3dWUC?w000WQ,0*51
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