

# Nmea 2000 Pgn 130306 Wind Data

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### Nmea 2000 Pgn 130306 Wind

#### **NMEA 2000**

NMEA 2000 ® STANDARD FOR SERIAL-DATA NETWORKING OF MARINE ELECTRONIC DEVICES 060416 ISO Transport Protocol, Connection Management - EOM group function Field # Field Description ISO 11783 defines this group function PGN as part of the transport protocol method used for transmitting messages that have 9 or

#### **Wind Sensor Analogue and NMEA 2000 - VDO**

The NMEA 2000 Wind Sensor Interface The NMEA 2000 Wind Sensor version is a NMEA certified sensor It sends NMEA 2000 data to an existing NMEA 2000 network The parameter group numbers (PGN) of the data which the sensor sends are given in the table below More information about NMEA can be found under [www.nmea.org](#) Transmitting PGNs Message Name PGN

#### **NMEA2000 Compatibility**

NMEA 2000 output is not available yet NMEA 2000 PC Interface - NGT-1-USB Number (PGN) that describes the type of data contained in the group 130306 Wind Data: Direction and speed of Wind True wind can be referenced to the vessel or to the ground The Apparent Wind is what is felt standing on the (moving) ship,

#### **NMEA 2000 Network Design - Copperhill Tech**

NMEA 2000 port on the back and the installer has to provide the cable The same type of cable is used for both the backbone and the drop cables 24 Connectors The connectors used on NMEA 2000 networks are defined by the network standard physical layer However, some manufacturers use their own proprietary wiring that

#### **AcquaLink 110mm Gauges - veratron.com**

Supported NMEA 2000 PGNs: A2C Number Description NMEA2000 PGN PGN Name Note A2C59501900 Apparent wind angle 130306 Wind Data

A2C59501901 Apparent wind angle magnified 130306 Wind Data A2C59501902 Apparent wind speed 130306 Wind Data A2C59501911 Compass 127250 Vessel Heading True 127250 Vessel Heading Magnetic 127258 Magnetic Variation

### **GWS 10 - static.garmin.com**

wind angle must change before it is updated on your display For example, a value of 40 means that the display will not update the wind nMEa 2000 PGN Information The GWS 10 is NMEA 2000 certified 130306 Wind Data 130312 Temperature 130314 Actual Pressure GWS 10 Installation Instructions 7 Specifications Physical

### **PB200 WeatherStation User Manual - AIRMAR**

NMEA 2000® PGN 128259 supersedes NMEA 0183 \$--VHW 24 Transmitted NMEA 2000® PGNs The NMEA 2000® PGNs transmitted by the PB200 WeatherStation are summarized in Table 1 Each of the transmitted PGNs in Table 1 is described in detail on the subsequent pages

### **Sensing a change in the weather.**

NMEA 2000® Supported PGN's 60928 ISO Address Claim 126996 Product Information 126998 Configuration Information 126464 PGN List 130306 Wind Data 130311 Environmental Parameters 127250 Vessel Heading 127258 Heading Variation 128259 Speed, Ground Referenced 129029 GNSS Position Data 129044 Datum 129538 GNSS Control Status 129539 GNSS DOPs

### **GMI 20 Installation Instructions Installation Instructions**

marine instrument and data from NMEA 2000 devices such as a wind sensor The included NMEA 2000 cables and connectors NMEA 2000 PGN Information Transmit and Receive PGN Description 059392 ISO acknowledgment 130306 Wind data 130310 Environmental parameters 130311 Environmental parameters 130312 Temperature

### **USB Gateway - airmar.com**

wwwairmarcom USB Gateway NMEA 2000® to USB Features • Converts listed NMEA 2000® PGNs to USB format • Plug-and-play connectivity from a NMEA 2000 network backbone to a PC • For Airmar NMEA 2000 Sensors and other Certified NMEA 2000 Sensors: GPS Receivers, Heading Sensors, and Smart™, Depth, Speed, and

### **FUSION MS-NRX300 Installation Instructions**

Supported NMEA 2000 PGN Information PGN Number Data Field 127250 Heading sensor reference: • 0: True 130306 Wind data reference: • 0x02 : Apparent wind (relative to the vessel centerline) 130310 Water temperature and air pressure

### **MARINE APPLICATIONS WX Series WX Ultrasonic ...**

wind are important, the 220WX is recommended and includes a 10Hz GPS, three-axis solid-state compass, rate gyro and tilt sensors This model features onfigurable NMEA 0183 c and NMEA2000® digital data outputs, providing unparalleled versatility for all your weather monitoring needs Both models offer a truly best-in-class solution

### **WSO100 Ultrasonic Wind and Weather Station**

see trends), wind chill factor, heat index, and dew point If you add speed through water (DST110), GPS (GPS200) and compass (SSC300), you can view true vessel referenced wind speed and direction as well as ground referenced speed and direction The WSO100 provides these functions: • Apparent Wind Speed • Apparent Wind Direction

### **GWS 10 - static.garmincdn.com**

Use the tables to determine the approved NMEA 2000 PGN information that can be received and transmitted by a GWS 10 when communicating with

a NMEA 2000-compliant device The GWS 10 is NMEA 2000 certified 130306 Wind Data 130312 Temperature 130314 Actual Pressure Specifications  
Physical NOTE: The width of this sensor varies with the

### **Seminar Agenda - NMEA National Marine Electronics ...**

4200, 5200 Displays Apparent wind, True wind, Heading, GPS NMEA 0183 GMI 10, 4200, 5200 Series Displays GMI 10, 4200, 5200 Series Displays  
GMI-10-All Data 4200, 5200 Displays Apparent wind, True wind, Heading, GPS NMEA 2000 Product DT800, DST800, P39, P79 Smart™ Transducers

### **Installation Instruction - Veratron**

41 NMEA 2000® 12 42 SAE J1939 14 43 VDO Bus 17 44 VDO Sensor 19 45 NMEA 0183 20 130306 01FD02 Wind Data 129026 01F802 COG & SOG,  
Rapid Update 128259 01F503 Speed, Water Referenced PGN 65270 - SPN 102 Engine Turbocharger Boost Pressure PGN 65263 - SPN 100 Engine  
Oil Pressure

### **Active Research Limited Poole, Dorset, UK. BH12 3PF T: +44 ...**

VWR Relative (Apparent) Wind Speed and Angle 130306 XTE Cross Track Error, Measured 129283 ZDA Time & Date 126992, 129029, 129033  
NMEA 2000 PGN Description NMEA 0183 Sentences that are sent when this NMEA 2000 PGN is received NMEA 0183 Sentences that require  
additional data before being sent 126992 [1F010] System Time ZDA GGA, GLL, RMC