

frequently asked questions

h1000 Universal NMEA Interface, Supported Sentences (r2.04)

NMEA Input (Received) Summary

NMEA Sentence	Message Description
APB	Heading/Track Controller (Autopilot) Sentence "B"
DBT	Depth Below Transducer
DPT	Transducer Depth and Offset
GGA	Global Positioning system fix data
GLL	Geographic Position, Latitude and Longitude
GSA	GNSS DOP and Active Satellites
GSV	GNSS Satellites in View
HDG	Heading Magnetic, Deviation and Variation
MWD	Wind Direction and Speed (TWD °M / °T and TWS)
MWV	Wind Speed and Angle (AWS and AWA, flag set to R)
RMB	Recommended minimum navigation information
RMC	Recommended minimum specific GNSS data
VHW	Water Speed and Heading (°M / °T)
VTG	Course Over Ground and Speed Over Ground
ZDA	Time and Date
ZTG	UTC and Time to Destination Waypoint

B&G Proprietary NMEA Input (Received) Summary

PBGTBS	Polar speed (knots)
PBGTLAY	Distance and Time to Lay-Line
PBGTVMG	Angle for best VMG upwind (polar) Upwind heading for best VMG (polar) Downwind heading for best VMG (polar)

NMEA Output (Transmitted) Summary

NMEA Sentence	Message Description
DPT	Transducer Depth and Offset
GGA	Global Positioning System Fix Data
GLL	Geographic Position, Latitude and Longitude
HDG	Heading Magnetic, Deviation and Variation
HDM	Heading, Magnetic
HDT	Heading, True
MTW	Water Temperature, °C
MWD	Wind Direction and Speed (TWD °M / °T and TWS)
MWV	Wind Speed and Angle (AWS and AWA, flag set to R)
RMB	Recommended minimum navigation information
RMC	Recommended minimum specific GNSS data
VHW	Water Speed and Heading (°M / °T)
VLW	Distance Travelled through the Water
VTG	Course Over Ground and Speed Over Ground

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