

NMEA data sent by marine Barograph BG1512

NMEA compatible, 4800 baud 8 bit, no parity, no handshake
1 sentence every 2 seconds

```
$PXDR,xxxx.xx,xxxxx,+xx.x,+xx.x,xxxx,  
$WIMMB,,,x.xxxxx,B  
$WIXDR,P,x.xxxxx,B,BG,  
$WIXDR,C,+xx.x,C,BG,  
$NVMMB,,,x.xxxxx,B
```

\$PXDR: air pressure and variation

1. value: mean value of the last minute of temperature-compensated air pressure in hPa.
 2. value: AD-converter result of actual air pressure. Highest 16 bit. (this is not a mean-value) You may use this number for other purposes
 3. value: pressure tendency of last hour.
 4. value: pressure tendency of last three hours.
 5. value: pressure instability
- CR LF (hexadecimal 0x0D 0x0A) End of message

\$WIMMB: air pressure data for compatibility other software

3. value: air pressure in Bar
 4. value: letter B for units identification
- CR LF (hexadecimal 0x0D 0x0A) End of message

\$WIXDR: air pressure data for compatibility with Maxsea ® and other software

1. value: letter P for air pressure identification
 2. value: air pressure in Bar
 3. value: letter B for units identification
 4. Value: name of instrument (BG)
- CR LF (hexadecimal 0x0D 0x0A) End of message

\$WIXDR: temperature data

1. value: letter C for identification
 2. value: temperature in degrees Celsius
 3. value: letter C for units identification
- CR LF (hexadecimal 0x0D 0x0A) End of message

\$NVMMB,,,x.xxxxx,B

3. value: air pressure in Bar
 4. value: letter B for units identification
- CR LF (hexadecimal 0x0D 0x0A) End of message

example:

```
$PXDR,1008.90,37574,+00.0,+00.0,0009,  
$WIMMB,,,1.00890,B  
$WIXDR,P,1.00890,B,BG,  
$WIXDR,C,+22.7,C,BG,  
$NVMMB,,,1.00890,B
```