

Диагностика BuNav

1. Диагностика работы приемника

Для диагностики работы приемника необходимо открыть утилиту «Termit» . Если приемник выдает строки GPFGGA и GPHDT, то он настроен.

Далее выполнить провести проверку по следующим пунктам:

- Убедиться, что в команде GPGBA координаты ненулевые.

2GPO08.085042.00.5531.2457914.N.08605.7878231.E.1.27.0.5.213.4710.M.-36.645.N.0.000.0000=58100
 2GPO08.085044.00.5531.2457920.N.08605.7878161.E.1.27.0.5.213.4638.M.-36.645.N.0.000.0000=59100

- Убедиться, что в сообщении GPBHD азимут меняется.

\$GPHDT,98.905750,T*3A
\$GPGGA,073502.00,5543.5063726,N,08601.2421381,E,1,20,0.6,163.4771,M,-36.288,
\$GPHDT,98.771943,T*3B
\$GPGGA,073504.00,5543.5063904,N,08601.2421278,E,1,20,0.6,163.6605,M,-36.288,
\$GPHDT,98.808478,T*3F
\$GPGGA,073506.00,5543.5064268,N,08601.2421351,E,1,20,0.6,163.7583,M,-36.288,
\$GPHDT,98.804921,T*32
\$GPGGA,073508.00,5543.5064541,N,08601.2421111,E,1,20,0.6,163.9537,M,-36.288,

Если выполняются оба условия, значит приемник функционирует нормально.

Если приемник выдает нулевые координаты, нулевой азимут или значения азимута и координат не изменяются в течении времени, нужно проверить подключение к антеннам (кабель, антенны, разъемы).

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$GPGLGA,0.000002,0.00000,0.000000,S,0.0000,0.000000,W,0.00,0.0,-17.1620,M,17.162,M,0.000,0.0000*  
$GPHDT,0.000000,T*05  
$GPGLGA,0.000004,0.00000,0.000000,S,0.0000,0.000000,W,0.00,0.0,-17.1620,M,17.162,M,0.000,0.0000*  
$GPHDT,0.000000,T*05  
$GPGLGA,0.000006,0.00000,0.000000,S,0.0000,0.000000,W,0.00,0.0,-17.1620,M,17.162,M,0.000,0.0000*  
$GPHDT,0.000000,T*05  
$GPGLGA,0.000008,0.00000,0.000000,S,0.0000,0.000000,W,0.00,0.0,-17.1620,M,17.162,M,0.000,0.0000*  
$GPHDT,0.000000,T*05  
$GPGLGA,0.000010,0.00000,0.000000,S,0.0000,0.000000,W,0.00,0.0,-17.1620,M,17.162,M,0.000,0.0000*  
$GPHDT,0.000000,T*05
```

Если при подключении к приемнику он выдает другие команды в большом количестве, необходимо выполнить настройку согласно п.1. ++++

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Last update: 2024/11/26 06:41

