

Developed by Luis Sa and Dagnall Clutterbuck

Firmware Version: 1.5

***** DEBUG MODE *****

In debug mode, the multiplexer will read, during 20 seconds, data arriving at P1, P2, SeaTalk or wifi (UDP and TCP) inputs and will print that data in the present webpage. No data will be output on P3, SeaTalk, UDP or TCP! The multiplexer is running for: 0 days 0 hours 7 minutes and 39 seconds. Please wait 20 seconds more, until this process finishes. Output will depend on the SEATALK TO NMEA0183 CONVERSION MODE which is 1.

P#1:

```
$GPRMC,105120.00,A,4242.253,N,00301.574,E,000.1,144.5,080203,1.2,W*42
  ST=54 41 CD 0A
  ST=50 02 2A 81 10
  ST=51 02 03 9D 80
  ST=52 01 01 00
  ST=53 00 1B
  ST=56 21 08 03
  ST=99 00 01
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```
P#1: $GPVTG,144.5,T,145.7,M,000.1,N,000.1,K*4D
  ST=52 01 01 00
  ST=53 00 1B
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```
ST1: ST=23 41 18 4B
  $IIMTW,
  ... Defective Sensor (24C (75F) ...
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```
P#1: $GPXTE,A,A,,,*72
  ST=85 06 00 00 00 00 11 00 EE
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```
P#1: $GPAPB,A,A,,,,,,,,,*44
  ST=85 06 00 00 00 00 13 00 EC
  ST=A1 0D 49 49 00 00 00 00 00 2E 32 00 00 00 00 00
```

```
ST1: ST=10 01 01 53
  DATA STORED
  ... App Wind Angle (169.5) stored ...
```

```
ST1: ST=11 01 02 09
  $WIMWV,169.5,R,2.9,N,A*23
  ... Apparent Wind Speed 2.9 Kts ...
```

```
P#1: $GPBWR,105120,,,,,,,,*57
  ST=85 06 00 00 00 00 56 00 A9
  ST=A1 0D 49 49 00 00 00 00 00 39 00 00 00 00 00 00
```

```
P#1: $GPGGA,105120.00,4242.253,N,00301.574,E,1,7,1.16, 58.1,M,,M,,*68
```

P#1: \$GPGSA,A,3,04,01,03,09,17,06,21,,,,,,1.16,1.77,*3B

P#1: \$GPGSV,2,1,8,04,78,142,49,03,53,059,46,09,46,211,43,17,42,242,44,*6E

ST1: ST=9C D1 09 FF

\$GPHDM,109.5,M*38

\$IIRSA,-1,A,,V*4B

... Compass heading 109.5 and Rudder -1 position ...

P#1: \$GPGSV,2,2,8,01,37,133,43,06,24,312,36,21,16,138,38,31,14,044,00,*69

P#1: \$GPRMB,A,,,,,,,,,V*71

ST=85 06 00 00 00 00 17 00 E8

ST=A1 0D 49 49 00 00 00 00 37 00 2E 31 00 00 00

ST1: ST=20 41 00 00

\$VWVHW,,,,,0.0,N,,*28

... Speed through water [0.0 kts] ...

P#1:

\$GPRMC,105121.00,A,4242.253,N,00301.574,E,000.1,144.6,080203,1.2,W*40

ST=54 51 CD 0A

ST=50 02 2A 81 10

ST=51 02 03 9D 80

ST=52 01 01 00

ST=53 00 1B

ST=56 21 08 03

ST=99 00 01

P#1: \$GPVTG,144.6,T,145.8,M,000.1,N,000.1,K*41

ST=52 01 01 00

ST=53 00 1B

ST1: ST=10 01 01 52

DATA STORED

... App Wind Angle (169.0) stored ...

ST1: ST=11 01 03 00

\$WIMWV,169.0,R,3.0,N,A*2E

... Apparent Wind Speed 3.0 Kts ...

P#1: \$GPXTE,A,A,,,*72

ST=85 06 00 00 00 00 11 00 EE

ST1: ST=84 D6 49 27 40 00 FF 00 00

\$GPHDM,109.0,M*3D

\$STALK,84,D6,49,27,40,00,FF,00,00*1F

... Autopilot data inc heading[109.0] ...

P#1: \$GPAPB,A,A,,,,,,,,,*44

ST=85 06 00 00 00 00 13 00 EC

ST=A1 0D 49 49 00 00 00 00 2E 32 00 00 00 00 00

P#1: \$GPBWR,105121,,,,,,,,,*56
ST=85 06 00 00 00 00 56 00 A9
ST=A1 0D 49 49 00 00 00 00 00 31 00 00 00 00 00 00

ST1: ST=23 41 18 4B
\$IIMTW,
... Defective Sensor (24C (75F) ...

ST1: ST=00 42 60 66 00
\$SDDBT,10.20,f,3.11,M,,F*18
... Depth below transducer 10.20 Feet ...

P#1: \$GPGGA,105121.00,4242.253,N,00301.574,E,1,7,1.16, 57.9,M,,M,,*6E

ST1: ST=9C D1 09 FF
\$GPHDM,109.5,M*38
\$IIRSA,-1,A,,V*4B
... Compass heading 109.5 and Rudder -1 position ...

P#1: \$GPGSA,A,3,04,01,03,09,17,06,21,,,,,,,,,1.16,1.77,*3B

P#1: \$GPGSV,2,1,8,04,78,142,49,03,53,059,46,09,46,211,44,17,42,242,45,*68

P#1: \$GPGSV,2,2,8,01,37,133,43,06,24,312,36,21,16,138,37,31,14,044,00,*66

ST1: ST=10 01 01 67
DATA STORED
... App Wind Angle (179.5) stored ...

ST1: ST=11 01 03 05
\$WIMWV,179.5,R,3.5,N,A*2F
... Apparent Wind Speed 3.5 Kts ...

P#1: \$GPRMB,A,,,,,,,,,V*71
ST=85 06 00 00 00 00 17 00 E8
ST=A1 0D 49 49 00 00 00 00 00 37 00 2E 31 00 00 00

P#1:
\$GPRMC,105122.00,A,4242.253,N,00301.574,E,000.1,146.8,080203,1.2,W*4F
ST=54 61 CD 0A
ST=50 02 2A 81 10
ST=51 02 03 9D 80
ST=52 01 01 00
ST=53 00 1C
ST=56 41 50 1E
ST=99 00 01

ST1: ST=84 D6 49 27 40 00 FF 00 00
\$GPHDM,109.0,M*3D
\$STALK,84,D6,49,27,40,00,FF,00,00*1F
... Autopilot data inc heading[109.0] ...

P#1: \$GPVTG,146.8,T,148.0,M,000.1,N,000.1,K*48
ST=52 01 01 00
ST=53 00 1D

P#1: \$GPXTE,A,A,,,*72
ST=85 06 00 00 00 00 11 00 EE

ST1: ST=9C D1 09 FF
\$GPHDM,109.5,M*38
\$IIRSA,-1,A,,V*4B
... Compass heading 109.5 and Rudder -1 position ...

ST1: ST=00 42 60 66 00
\$SDDBT,10.20,f,3.11,M,,F*18
... Depth below transducer 10.20 Feet ...

ST1: ST=23 41 18 4B
\$IIMTW,
... Defective Sensor (24C (75F) ...

ST1: ST=10 01 01 6D
DATA STORED
... App Wind Angle (182.5) stored ...

ST1: ST=11 01 04 02
\$WIMWV,182.5,R,4.2,N,A*2B
... Apparent Wind Speed 4.2 Kts ...

P#1: \$GPAPB,A,A,,,,,,,,,,,,*44
ST=85 06 00 00 00 00 13 00 EC
ST=A1 0D 49 49 00 00 00 00 00 2E 32 00 00 00 00 00

P#1: \$GPBWR,105123,,,,,,,,,,,,*54
ST=85 06 00 00 00 00 56 00 A9
ST=A1 0D 49 49 00 00 00 00 00 31 00 00 00 00 00 00

ST1: ST=84 D6 49 27 40 00 FF 00 00
\$GPHDM,109.0,M*3D
\$STALK,84,D6,49,27,40,00,FF,00,00*1F
... Autopilot data inc heading[109.0] ...

ST1: ST=20 41 00 00
\$VWVHW,,,,,0.0,N,,*28
... Speed through water [0.0 kts] ...

P#1: \$GPGGA,105123.00,4242.253,N,00301.574,E,1,7,1.16, 57.2,M,,M,,*67

P#1: \$GPGSA,A,3,04,01,03,09,17,06,21,,,,,,,,,1.16,1.77,*3B

ST1: ST=9C 11 0A FF
\$GPHDM,110.0,M*35

\$IIRSA,-1,A,,V*4B

... Compass heading 110.0 and Rudder -1 position ...

P#1: \$GPGSV,2,1,8,04,78,142,48,03,53,059,45,09,46,211,44,17,42,242,45,*6A

P#1: \$GPGSV,2,2,8,01,37,133,43,06,24,312,36,21,16,138,37,31,14,044,00,*66

P#1: \$GPRMB,A,,,,,,,,,V*71

ST=85 06 00 00 00 00 17 00 E8

ST=A1 0D 49 49 00 00 00 00 00 37 00 2E 31 00 00 00

ST1: ST=10 01 01 67

DATA STORED

... App Wind Angle (179.5) stored ...

ST1: ST=11 01 04 04

\$WIMWV,179.5,R,4.4,N,A*29

... Apparent Wind Speed 4.4 Kts ...

P#1:

\$GPRMC,105124.00,A,4242.253,N,00301.574,E,000.1,145.0,080203,1.2,W*42

ST=54 81 CD 0A

ST=50 02 2A 81 10

ST=51 02 03 9D 80

ST=52 01 01 00

ST=53 00 1C

ST=56 21 08 03

ST=99 00 01

ST1: ST=23 41 18 4B

\$IIMTW,

... Defective Sensor (24C (75F) ...

ST1: ST=00 42 60 66 00

\$SDDBT,10.20,f,3.11,M,,F*18

... Depth below transducer 10.20 Feet ...

P#1: \$GPVTG,145.0,T,146.2,M,000.1,N,000.1,K*4F

ST=52 01 01 00

ST=53 00 1C

P#1: \$GPXTE,A,A,,,*72

ST=85 06 00 00 00 00 11 00 EE

P#1: \$GPAPB,A,A,,,,,,,,,*44

ST=85 06 00 00 00 00 13 00 EC

ST=A1 0D 49 49 00 00 00 00 00 2E 32 00 00 00 00 00

ST1: ST=84 D6 49 27 40 00 FF 00 00

\$GPHDM,109.0,M*3D

\$STALK,84,D6,49,27,40,00,FF,00,00*1F

... Autopilot data inc heading[109.0] ...

P#1: \$GPBWR,105124,,,,,,,,*,53

ST=85 06 00 00 00 00 56 00 A9

ST=A1 0D 49 49 00 00 00 00 00 31 00 00 00 00 00 00

ST1: ST=9C 11 0A FF

\$GPHDM,110.0,M*35

\$IIRSA,-1,A,,V*4B

... Compass heading 110.0 and Rudder -1 position ...

P#1: \$GPGGA,105125.00,4242.253,N,00301.574,E,1,7,1.16, 56.3,M,,M,,*61

P#1: \$GPGSA,A,3,04,01,03,09,17,06,21,,,,,,,,,1.16,1.77,*3B

ST1: ST=10 01 01 7B

DATA STORED

... App Wind Angle (189.5) stored ...

ST1: ST=11 01 04 00

\$WIMWV,189.5,R,4.0,N,A*22

... Apparent Wind Speed 4.0 Kts ...

P#1: \$GPGSV,2,1,8,04,78,142,48,03,53,059,45,09,46,211,44,17,42,242,45,*6A

P#1: \$GPGSV,2,2,8,01,37,133,43,06,24,312,36,21,16,138,37,31,14,044,00,*66

P#1: \$GPRMB,A,,,,,,,,,V*71

ST=85 06 00 00 00 00 17 00 E8

ST=A1 0D 49 49 00 00 00 00 00 37 00 2E 31 00 00 00

ST1: ST=84 D6 49 27 40 00 FF 00 00

\$GPHDM,109.0,M*3D

\$STALK,84,D6,49,27,40,00,FF,00,00*1F

... Autopilot data inc heading[109.0] ...

P#1:

\$GPRMC,105125.00,A,4242.253,N,00301.574,E,000.1,144.9,080203,1.2,W*4B

ST=54 91 CD 0A

ST=50 02 2A 81 10

ST=51 02 03 9D 80

ST=52 01 01 00

ST=53 00 1B

ST=56 21 08 03

ST=99 00 01

ST1: ST=00 42 60 65 00

\$SDDBT,10.10,f,3.08,M,,F*13

... Depth below transducer 10.10 Feet ...

ST1: ST=23 41 18 4B

\$IIMTW,

... Defective Sensor (24C (75F) ...

P#1: \$GPVTG,144.5,T,145.7,M,000.1,N,000.1,K*4D
ST=52 01 01 00
ST=53 00 1B

P#1: \$GPXTE,A,A,,,*72
ST=85 06 00 00 00 00 11 00 EE

ST1: ST=9C D1 09 FF
\$GPHDM,109.5,M*38
\$IIRSA,-1,A,,V*4B
... Compass heading 109.5 and Rudder -1 position ...

P#1: \$GPAPB,A,A,,,,,,,,,*44
ST=85 06 00 00 00 00 13 00 EC
ST=A1 0D 49 49 00 00 00 00 00 2E 32 00 00 00 00 00

P#1: \$GPBWR,105126,,,,,,,,*51
ST=85 06 00 00 00 00 56 00 A9
ST=A1 0D 49 49 00 00 00 00 00 31 00 00 00 00 00

ST1: ST=20 41 00 00
\$VWVHW,,,,,0.0,N,,*28
... Speed through water [0.0 kts] ...

ST1: ST=10 01 01 2C
DATA STORED
... App Wind Angle (150.0) stored ...

ST1: ST=11 01 04 09
\$WIMWV,150.0,R,4.9,N,A*2A
... Apparent Wind Speed 4.9 Kts ...

P#1: \$GPGGA,105126.00,4242.253,N,00301.574,E,1,7,1.16, 55.9,M,,M,,*6B

P#1: \$GPGSA,A,3,04,01,03,09,17,06,21,,,,,,,,,1.16,1.77,*3B

P#1: \$GPGSV,2,1,8,04,78,142,48,03,53,059,46,09,46,211,44,17,42,242,45,*69

ST1: ST=84 D6 49 28 40 00 FF 00 00
\$GPHDM,109.0,M*3D
\$STALK,84,D6,49,28,40,00,FF,00,00*10
... Autopilot data inc heading[109.0] ...

P#1: \$GPGSV,2,2,8,01,37,133,43,06,24,312,37,21,16,138,37,31,14,044,00,*67

P#1: \$GPRMB,A,,,,,,,,,V*71
ST=85 06 00 00 00 00 17 00 E8
ST=A1 0D 49 49 00 00 00 00 00 37 00 2E 31 00 00 00

ST1: ST=9C D1 09 FF
\$GPHDM,109.5,M*38

\$IIRSA,-1,A,,V*4B

... Compass heading 109.5 and Rudder -1 position ...

P#1:

\$GPRMC,105127.00,A,4242.253,N,00301.574,E,000.1,143.7,080203,1.2,W*40

ST=54 B1 CD 0A

ST=50 02 2A 81 10

ST=51 02 03 9D 80

ST=52 01 01 00

ST=53 00 1B

ST=56 21 08 03

ST=99 00 01

ST1: ST=10 01 01 54

DATA STORED

... App Wind Angle (170.0) stored ...

P#1: \$GPVTG,143.7,T,144.9,M,000.1,N,000.1,K*47

ST=52 01 01 00

ST=53 00 1B

ST1: ST=11 01 05 06

\$WIMWV,170.0,R,5.6,N,A*26

... Apparent Wind Speed 5.6 Kts ...

P#1: \$GPXTE,A,A,,, *72

ST=85 06 00 00 00 00 11 00 EE

ST1: ST=23 41 18 4B

\$IIMTW,

... Defective Sensor (24C (75F) ...

ST1: ST=00 42 60 65 00

\$SDDBT,10.10,f,3.08,M,,F*13

... Depth below transducer 10.10 Feet ...

P#1: \$GPAPB,A,A,,,,,,,,, *44

ST=85 06 00 00 00 00 13 00 EC

ST=A1 0D 49 49 00 00 00 00 00 2E 32 00 00 00 00 00

P#1: \$GPBWR,105127,,,,,,,,, *50

ST=85 06 00 00 00 00 56 00 A9

ST=A1 0D 49 49 00 00 00 00 00 31 00 00 00 00 00 00

P#1: \$GPGGA,105127.00,4242.253,N,00301.574,E,1,7,1.16, 55.4,M,,M,, *67

ST1: ST=84 D6 49 27 40 00 FF 00 00

\$GPHDM,109.0,M*3D

\$STALK,84,D6,49,27,40,00,FF,00,00*1F

... Autopilot data inc heading[109.0] ...

P#1: \$GPGSA,A,3,04,01,03,09,17,06,21,,,,,,1.16,1.77,*3B

P#1: \$GPGSV,2,1,8,04,78,142,48,03,53,059,46,09,46,211,45,17,42,242,45,*68

P#1: \$GPGSV,2,2,8,01,37,133,44,06,24,312,36,21,16,138,37,31,14,044,00,*61

P#1: \$GPRMB,A,,,,,,,,,V*71

ST=85 06 00 00 00 00 17 00 E8

ST=A1 0D 49 49 00 00 00 00 37 00 2E 31 00 00 00

ST1: ST=9C 91 09 FF

\$GPHDM,109.0,M*3D

\$IIRSA,-1,A,,V*4B

... Compass heading 109.0 and Rudder -1 position ...

ST1: ST=10 01 01 58

DATA STORED

... App Wind Angle (172.0) stored ...

ST1: ST=11 01 05 06

\$WIMWV,172.0,R,5.6,N,A*24

... Apparent Wind Speed 5.6 Kts ...

P#1:

\$GPRMC,105128.00,A,4242.253,N,00301.574,E,000.1,141.8,080203,1.2,W*42

ST=54 C1 CD 0A

ST=50 02 2A 81 10

ST=51 02 03 9D 80

ST=52 01 01 00

ST=53 00 1A

ST=56 21 08 03

ST=99 00 01

P#1: \$GPVTG,141.8,T,143.0,M,000.1,N,000.1,K*44

ST=52 01 01 00

ST=53 00 1A

P#1: \$GPXTE,A,A,,,*72

ST=85 06 00 00 00 00 11 00 EE

ST1: ST=00 42 60 65 00

\$SDDBT,10.10,f,3.08,M,,F*13

... Depth below transducer 10.10 Feet ...

P#1: \$GPAPB,A,A,,,,,,,,,*44

ST=85 06 00 00 00 00 13 00 EC

ST=A1 0D 49 49 00 00 00 00 2E 32 00 00 00 00 00

P#1: \$GPBWR,105128,,,,,,,,*5F

ST=85 06 00 00 00 00 56 00 A9

ST=A1 0D 49 49 00 00 00 00 31 00 00 00 00 00 00

ST1: ST=20 41 00 00

\$VWVHW,,,,,0.0,N,,*28
... Speed through water [0.0 kts] ...

P#1: \$GPGGA,105128.00,4242.253,N,00301.574,E,1,7,1.16, 55.0,M,,M,,*6C

ST1: ST=23 41 18 4B
\$IIMTW,
... Defective Sensor (24C (75F) ...

ST1: ST=84 D6 49 27 40 00 FF 00 00
\$GPHDM,109.0,M*3D
\$STALK,84,D6,49,27,40,00,FF,00,00*1F
... Autopilot data inc heading[109.0] ...

ST1: ST=10 01 01 36
DATA STORED
... App Wind Angle (155.0) stored ...

ST1: ST=11 01 05 03
\$WIMWV,155.0,R,5.3,N,A*24
... Apparent Wind Speed 5.3 Kts ...

ST1: ST=9C D1 09 FF
\$GPHDM,109.5,M*38
\$IIRSA,-1,A,,V*4B
... Compass heading 109.5 and Rudder -1 position ...

P#1: \$GPGSA,A,3,04,01,03,09,17,06,21,,,,,,1.16,1.77,*3B

P#1: \$GPGSV,2,1,8,04,78,142,48,03,53,059,45,09,46,211,44,17,42,242,45,*6A

P#1: \$GPGSV,2,2,8,01,37,133,44,06,24,312,37,21,16,138,36,31,14,044,00,*61

ST1: ST=84 D6 49 27 40 00 FF 00 00
\$GPHDM,109.0,M*3D
\$STALK,84,D6,49,27,40,00,FF,00,00*1F
... Autopilot data inc heading[109.0] ...

P#1: \$GPRMB,A,,,,,,,,,V*71
ST=85 06 00 00 00 00 17 00 E8
ST=A1 0D 49 49 00 00 00 00 37 00 2E 31 00 00 00

P#1:
\$GPRMC,105130.00,A,4242.253,N,00301.574,E,000.1,146.9,080203,1.2,W*4D
ST=54 E1 CD 0A
ST=50 02 2A 81 10
ST=51 02 03 9D 80
ST=52 01 01 00
ST=53 00 1C
ST=56 21 08 03
ST=99 00 01

ST1: ST=10 01 01 36
DATA STORED
... App Wind Angle (155.0) stored ...

ST1: ST=11 01 06 00
\$WIMWV,155.0,R,6.0,N,A*24
... Apparent Wind Speed 6.0 Kts ...

ST1: ST=23 41 18 4B
\$IIMTW,
... Defective Sensor (24C (75F) ...

P#1: \$GPVTG,146.9,T,148.1,M,000.1,N,000.1,K*48
ST=52 01 01 00
ST=53 00 1D

ST1: ST=00 42 60 65 00
\$SDDBT,10.10,f,3.08,M,,F*13
... Depth below transducer 10.10 Feet ...

ST1: ST=9C 91 09 FF
\$GPHDM,109.0,M*3D
\$IIRSA,-1,A,,V*4B
... Compass heading 109.0 and Rudder -1 position ...

P#1: \$GPXTE,A,A,,*72
ST=85 06 00 00 00 00 11 00 EE

P#1: \$GPAPB,A,A,,,,,,,,*44
ST=85 06 00 00 00 00 13 00 EC
ST=A1 0D 49 49 00 00 00 00 00 2E 32 00 00 00 00 00

P#1: \$GPBWR,105130,,,,,,,,*56
ST=85 06 00 00 00 00 56 00 A9
ST=A1 0D 49 49 00 00 00 00 00 31 00 00 00 00 00 00

P#1: \$GPGGA,105130.00,4242.253,N,00301.574,E,1,7,1.16, 53.9,M,,M,,*6A

P#1: \$GPGSA,A,3,04,01,03,09,17,06,21,,,,,,,,1.16,1.77,*3B

ST1: ST=84 D6 49 27 40 00 FF 00 00
\$GPHDM,109.0,M*3D
\$STALK,84,D6,49,27,40,00,FF,00,00*1F
... Autopilot data inc heading[109.0] ...

P#1: \$GPGSV,2,1,8,04,78,142,48,03,53,059,45,09,46,211,45,17,42,242,46,*68

ST1: ST=10 01 01 4A
DATA STORED
... App Wind Angle (165.0) stored ...

ST1: ST=11 01 05 07

\$WIMWV,165.0,R,5.7,N,A*23
... Apparent Wind Speed 5.7 Kts ...

P#1: \$GPGSV,2,2,8,01,37,133,43,06,24,312,37,21,16,138,37,31,14,044,00,*67

ST1: ST=9C 11 0A FF
\$GPHDM,110.0,M*35
\$IIRSA,-1,A,,V*4B
... Compass heading 110.0 and Rudder -1 position ...

P#1: \$GPRMB,A,,,,,,,,,V*71
ST=85 06 00 00 00 00 17 00 E8
ST=A1 0D 49 49 00 00 00 00 37 00 2E 31 00 00 00

ST1: ST=20 41 00 00
\$VWVHW,,,,,0.0,N,,*28
... Speed through water [0.0 kts] ...

P#1:
\$GPRMC,105131.00,A,4242.253,N,00301.574,E,000.1,146.6,080203,1.2,W*43
ST=54 F1 CD 0A
ST=50 02 2A 81 10
ST=51 02 03 9D 80
ST=52 01 01 00
ST=53 00 1C
ST=56 21 08 03
ST=99 00 01

P#1: \$GPVTG,146.6,T,147.8,M,000.1,N,000.1,K*41
ST=52 01 01 00
ST=53 00 1C

ST1: ST=00 42 60 65 00
\$SDDBT,10.10,f,3.08,M,,F*13
... Depth below transducer 10.10 Feet ...

ST1: ST=23 41 18 4B
\$IIMTW,
... Defective Sensor (24C (75F) ...

P#1: \$GPXTE,A,A,,,*72
ST=85 06 00 00 00 00 11 00 EE

P#1: \$GPAPB,A,A,,,,,,,,,*44
ST=85 06 00 00 00 00 13 00 EC
ST=A1 0D 49 49 00 00 00 00 2E 32 00 00 00 00 00

P#1: \$GPBWR,105132,,,,,,,,*54
ST=85 06 00 00 00 00 56 00 A9
ST=A1 0D 49 49 00 00 00 00 31 00 00 00 00 00 00

ST1: ST=84 D6 49 28 40 00 FF 00 00

\$GPHDM,109.0,M*3D
\$STALK,84,D6,49,28,40,00,FF,00,00*10
... Autopilot data inc heading[109.0] ...

ST1: ST=10 01 01 3C
DATA STORED
... App Wind Angle (158.0) stored ...

ST1: ST=11 01 05 01
\$WIMWV,158.0,R,5.1,N,A*2B
... Apparent Wind Speed 5.1 Kts ...

P#1: \$GPGGA,105132.00,4242.253,N,00301.574,E,1,7,1.16, 53.2,M,,M,,*63

P#1: \$GPGSA,A,3,04,01,03,09,17,06,21,,,,,,,,,1.16,1.77,*3B

ST1: ST=9C D1 09 FF
\$GPHDM,109.5,M*38
\$IIRSA,-1,A,,V*4B
... Compass heading 109.5 and Rudder -1 position ...

P#1: \$GPGSV,2,1,8,04,78,142,48,03,53,059,45,09,46,211,45,17,42,242,46,*68

P#1: \$GPGSV,2,2,8,01,37,133,44,06,24,312,37,21,16,138,37,31,14,044,00,*60

P#1: \$GPRMB,A,,,,,,,,,V*71
ST=85 06 00 00 00 00 17 00 E8
ST=A1 0D 49 49 00 00 00 00 00 37 00 2E 31 00 00 00

P#1:
\$GPRMC,105132.00,A,4242.253,N,00301.574,E,000.1,144.6,080203,1.2,W*42
ST=54 11 FC 65
ST=50 02 2A 81 10
ST=51 02 03 9D 80
ST=52 01 01 00
ST=53 00 1B
ST=56 51 51 1F
ST=99 00 01

P#1: \$GPVTG,142.9,T,144.1,M,000.0,N,000.1,K*41
ST=52 01 00 00
ST=53 00 1B

ST1: ST=84 D6 49 27 40 00 FE 00 00
\$GPHDM,109.0,M*3D
\$STALK,84,D6,49,27,40,00,FE,00,00*1C
... Autopilot data inc heading[109.0] ...

P#1: \$GPXTE,A,A,,,*72
ST=85 06 00 00 00 00 11 00 EE

ST1: ST=10 01 01 45

DATA STORED

... App Wind Angle (162.5) stored ...

ST1: ST=11 01 04 08

\$WIMWV,162.5,R,4.8,N,A*2F

... Apparent Wind Speed 4.8 Kts ...

ST1: ST=23 41 18 4B

\$IIMTW,

... Defective Sensor (24C (75F) ...

ST1: ST=00 42 60 65 00

\$SDDBT,10.10,f,3.08,M,,F*13

... Depth below transducer 10.10 Feet ...

P#1: \$GPAPB,A,A,,,,,,,,,,,,*44

ST=85 06 00 00 00 00 13 00 EC

ST=A1 0D 49 49 00 00 00 00 00 2E 32 00 00 00 00 00

P#1: \$GPBWR,105133,,,,,,,,,,,,*55

ST=85 06 00 00 00 00 56 00 A9

ST=A1 0D 49 49 00 00 00 00 00 31 00 00 00 00 00 00

ST1: ST=9C D1 09 FF

\$GPHDM,109.5,M*38

\$IIRSA,-1,A,,V*4B

... Compass heading 109.5 and Rudder -1 position ...

P#1: \$GPGGA,105133.00,4242.253,N,00301.574,E,1,7,1.16, 52.9,M,,M,,*68

P#1: \$GPGSA,A,3,04,01,03,09,17,06,21,,,,,,,,,1.16,1.77,*3B

P#1: \$GPGSV,2,1,8,04,78,142,48,03,53,059,44,09,46,211,45,17,42,242,46,*69

P#1: \$GPGSV,2,2,8,01,37,133,44,06,24,312,37,21,16,138,37,31,14,044,00,*60

ST1: ST=20 41 00 00

\$VWVHW,,,,,0.0,N,,*28

... Speed through water [0.0 kts] ...

P#1: \$GPRMB,A,,,,,,,,,,,,V*71

ST=85 06 00 00 00 00 17 00 E8

ST=A1 0D 49 49 00 00 00 00 00 37 00 2E 30 00 00 00

ST1: ST=10 01 01 3C

DATA STORED

... App Wind Angle (158.0) stored ...

ST1: ST=11 01 04 05

\$WIMWV,158.0,R,4.5,N,A*2E

... Apparent Wind Speed 4.5 Kts ...

ST1: ST=84 96 49 26 40 00 FF 00 00
\$GPHDM,108.0,M*3C
\$STALK,84,96,49,26,40,00,FF,00,00*63
... Autopilot data inc heading[108.0] ...

P#1:
\$GPRMC,105134.00,A,4242.253,N,00301.574,E,000.0,141.2,080203,1.2,W*44
ST=54 21 CE 0A
ST=50 02 2A 81 10
ST=51 02 03 9D 80
ST=52 01 00 00
ST=53 00 1A
ST=56 21 08 03
ST=99 00 01

P#1: \$GPVTG,141.2,T,142.4,M,000.0,N,000.1,K*4A
ST=52 01 00 00
ST=53 00 1A

ST1: ST=99 00 01
DATA STORED
... Mag Var 1 (1.0,W) ...

P#1: \$GPXTE,A,A,,,*72
ST=85 06 00 00 00 00 11 00 EE

ST1: ST=9C D1 09 FF
\$GPHDG,109.5,0.0,E,1.0,W*40
\$IIRSA,-1,A,,V*4B
... Compass heading 109.5 and Rudder -1 position ...

ST1: ST=23 41 18 4B
\$IIMTW,
... Defective Sensor (24C (75F) ...

ST1: ST=00 42 60 65 00
\$SDDBT,10.10,f,3.08,M,,F*13
... Depth below transducer 10.10 Feet ...

P#1: \$GPAPB,A,A,,,,,,,,,,,,*44
ST=85 06 00 00 00 00 13 00 EC
ST=A1 0D 49 49 00 00 00 00 00 2E 32 00 00 00 00 00

P#1: \$GPBWR,105134,,,,,,,,,,,,*52
ST=85 06 00 00 00 00 56 00 A9
ST=A1 0D 49 49 00 00 00 00 00 31 00 00 00 00 00 00

P#1: \$GPGGA,105134.00,4242.253,N,00301.574,E,1,7,1.16, 52.7,M,,M,,*61

P#1: \$GPGSA,A,3,04,01,03,09,17,06,21,,,,,,,,,1.16,1.77,*3B

ST1: ST=10 01 01 41

DATA STORED

... App Wind Angle (160.5) stored ...

ST1: ST=11 01 04 02

\$WIMWV,160.5,R,4.2,N,A*27

... Apparent Wind Speed 4.2 Kts ...

ST1: ST=84 96 49 26 40 00 FF 00 00

\$GPHDG,108.0,0.0,E,1.0,W*44

\$STALK,84,96,49,26,40,00,FF,00,00*63

... Autopilot data inc heading[108.0] ...

ST1: ST=9C 91 09 FF

\$GPHDG,109.0,0.0,E,1.0,W*45

\$IIRSA,-1,A,,V*4B

... Compass heading 109.0 and Rudder -1 position ...

P#1: \$GPGSV,2,1,8,04,78,142,48,03,53,059,45,09,46,211,45,17,42,242,46,*68

P#1: \$GPGSV,2,2,8,01,37,133,43,06,24,312,37,21,16,138,37,31,14,044,00,*67

P#1: \$GPRMB,A,,,,,,,,,,,,V*71

ST=85 06 00 00 00 00 17 00 E8

ST=A1 0D 49 49 00 00 00 00 37 00 2E 30 00 00 00

P#1:

\$GPRMC,105135.00,A,4242.253,N,00301.574,E,000.1,141.8,080203,1.2,W*4E

ST=54 31 CE 0A

ST=50 02 2A 81 10

ST=51 02 03 9D 80

ST=52 01 01 00

ST=53 00 1A

ST=56 21 08 03

ST=99 00 01

ST1: ST=00 42 60 65 00

\$SDDBT,10.10,f,3.08,M,,F*13

... Depth below transducer 10.10 Feet ...

ST1: ST=23 41 18 4B

\$IIMTW,

... Defective Sensor (24C (75F) ...

ST1: ST=10 01 01 3A

DATA STORED

... App Wind Angle (157.0) stored ...

ST1: ST=11 01 04 02

\$WIMWV,157.0,R,4.2,N,A*26

... Apparent Wind Speed 4.2 Kts ...

P#1: \$GPVTG,141.4,T,142.7,M,000.1,N,000.1,K*4E

ST=52 01 01 00
ST=53 00 1A

P#1: \$GPXTE,A,A,,,*,72
ST=85 06 00 00 00 00 11 00 EE

P#1: \$GPAPB,A,A,,,,,,,,,*,44
ST=85 06 00 00 00 00 13 00 EC
ST=A1 0D 49 49 00 00 00 00 00 2E 32 00 00 00 00 00

ST1: ST=84 D6 49 27 40 00 FF 00 00
\$GPHDG,109.0,0.0,E,1.0,W*45
\$STALK,84,D6,49,27,40,00,FF,00,00*1F
... Autopilot data inc heading[109.0] ...

P#1: \$GPBWR,105136,,,,,,,,,*,50
ST=85 06 00 00 00 00 56 00 A9
ST=A1 0D 49 49 00 00 00 00 00 31 00 00 00 00 00 00

P#1: \$GPGGA,105136.00,4242.253,N,00301.574,E,1,7,1.16, 52.4,M,,M,,*,60

ST1: ST=20 41 00 00
\$VWVHW,,,,,0.0,N,,*,28
... Speed through water [0.0 kts] ...

ST1: ST=9C D1 09 FF
\$GPHDG,109.5,0.0,E,1.0,W*40
\$IIRSA,-1,A,,V*4B
... Compass heading 109.5 and Rudder -1 position ...

P#1: \$GPGSA,A,3,04,01,03,09,17,06,21,,,,,,,,,1.16,1.77,*3B

P#1: \$GPGSV,2,1,8,04,78,142,48,03,53,059,44,09,46,211,44,17,42,242,46,*68

P#1: \$GPGSV,2,2,8,01,37,133,44,06,24,312,37,21,16,138,37,31,14,044,00,*60

ST1: ST=10 01 01 3D
DATA STORED
... App Wind Angle (158.5) stored ...

ST1: ST=11 01 04 02
\$WIMWV,158.5,R,4.2,N,A*2C
... Apparent Wind Speed 4.2 Kts ...

P#1: \$GPRMB,A,,,,,,,,,V*71
ST=85 06 00 00 00 00 17 00 E8
ST=A1 0D 49 49 00 00 00 00 00 37 00 2E 31 00 00 00

P#1:
\$GPRMC,105137.00,A,4242.253,N,00301.574,E,000.1,136.9,080203,1.2,W*4D
ST=54 51 CE 0A
ST=50 02 2A 81 10

ST=51 02 03 9D 80
ST=52 01 01 00
ST=53 00 17
ST=56 21 08 03
ST=99 00 01

ST1: ST=84 D6 49 27 40 00 FF 00 00
\$GPHDG,109.0,0.0,E,1.0,W*45
\$STALK,84,D6,49,27,40,00,FF,00,00*1F
... Autopilot data inc heading[109.0] ...

P#1: \$GPVTG,136.9,T,138.1,M,000.1,N,000.1,K*48
ST=52 01 01 00
ST=53 00 18

P#1: \$GPXTE,A,A,,,*72
ST=85 06 00 00 00 00 11 00 EE

ST1: ST=23 41 18 4B
\$IIMTW,
... Defective Sensor (24C (75F) ...

ST1: ST=00 42 60 65 00
\$SDDBT,10.10,f,3.08,M,,F*13
... Depth below transducer 10.10 Feet ...

ST1: ST=9C 91 09 FF
\$GPHDG,109.0,0.0,E,1.0,W*45
\$IIRSA,-1,A,,V*4B
... Compass heading 109.0 and Rudder -1 position ...

P#1: \$GPAPB,A,A,,,,,,,,,*44
ST=85 06 00 00 00 00 13 00 EC
ST=A1 0D 49 49 00 00 00 00 00 2E 32 00 00 00 00 00

P#1: \$GPBWR,105137,,,,,,,,,*51
ST=85 06 00 00 00 00 56 00 A9
ST=A1 0D 49 49 00 00 00 00 00 31 00 00 00 00 00

P#1: \$GPGGA,105137.00,4242.253,N,00301.574,E,1,7,1.16, 52.4,M,,M,,*61

P#1: \$GPGSA,A,3,04,01,03,09,17,06,21,,,,,,,,,1.16,1.77,*3B

ST1: ST=10 01 01 39
DATA STORED
... App Wind Angle (156.5) stored ...

ST1: ST=11 01 04 00
\$WIMWV,156.5,R,4.0,N,A*20
... Apparent Wind Speed 4.0 Kts ...

P#1: \$GPGSV,2,1,8,04,78,142,48,03,53,059,44,09,46,211,44,17,42,242,46,*68

P#1: \$GPGSV,2,2,8,01,37,133,44,06,24,312,37,21,16,138,38,31,14,044,27,*6A

ST1: ST=84 16 4A 28 40 00 FF 00 00
\$GPHDG,110.0,0.0,E,1.0,W*4D
\$STALK,84,16,4A,28,40,00,FF,00,00*1D
... Autopilot data inc heading[110.0] ...

P#1: \$GPRMB,A,,,,,,,,,V*71
ST=85 06 00 00 00 00 17 00 E8
ST=A1 0D 49 49 00 00 00 00 37 00 2E 31 00 00 00

P#1:
\$GPRMC,105138.00,A,4242.253,N,00301.574,E,000.1,134.6,080203,1.2,W*4F
ST=54 61 CE 0A
ST=50 02 2A 81 10
ST=51 02 03 9D 80
ST=52 01 01 00
ST=53 00 16
ST=56 21 08 03
ST=99 00 01

ST1: ST=9C D1 09 FF
\$GPHDG,109.5,0.0,E,1.0,W*40
\$IIRSA,-1,A,,V*4B
... Compass heading 109.5 and Rudder -1 position ...

P#1: \$GPVTG,134.6,T,135.8,M,000.1,N,000.1,K*41
ST=52 01 01 00
ST=53 00 16

P#1: \$GPXTE,A,A,,,*72
ST=85 06 00 00 00 00 11 00 EE

P#1: \$GPAPB,A,A,,,,,,,,,*44
ST=85 06 00 00 00 00 13 00 EC
ST=A1 0D 49 49 00 00 00 00 2E 32 00 00 00 00 00

ST1: ST=00 42 60 65 00
\$SDDBT,10.10,f,3.08,M,,F*13
... Depth below transducer 10.10 Feet ...

ST1: ST=23 41 18 4B
\$IIMTW,
... Defective Sensor (24C (75F) ...

ST1: ST=10 01 01 28
DATA STORED
... App Wind Angle (148.0) stored ...

ST1: ST=11 01 03 09
\$WIMWV,148.0,R,3.9,N,A*24

... Apparent Wind Speed 3.9 Kts ...

ST1: ST=20 41 00 00
\$VWVHW,,,,,0.0,N,,*28
... Speed through water [0.0 kts] ...

P#1: \$GPBWR,105139,,,,,,,,,*5F
ST=85 06 00 00 00 00 56 00 A9
ST=A1 0D 49 49 00 00 00 00 00 31 00 00 00 00 00 00

P#1: \$GPGGA,105139.00,4242.253,N,00301.574,E,1,8,0.97, 52.9,M,,M,,*65

ST1: ST=84 D6 49 27 40 00 FF 00 00
\$GPHDG,109.0,0.0,E,1.0,W*45
\$STALK,84,D6,49,27,40,00,FF,00,00*1F
... Autopilot data inc heading[109.0] ...

P#1: \$GPGSA,A,3,04,01,03,09,17,06,21,31,,,,,,,,0.97,1.57,*33

P#1: \$GPGSV,2,1,8,04,78,142,49,03,53,059,45,09,46,211,43,17,42,242,46,*6F

P#1: \$GPGSV,2,2,8,01,37,133,43,06,24,312,37,21,16,138,38,31,14,044,28,*62

ST1: ST=9C 91 09 FF
\$GPHDG,109.0,0.0,E,1.0,W*45
\$IIRSA,-1,A,,V*4B
... Compass heading 109.0 and Rudder -1 position ...

P#1: \$GPRMB,A,,,,,,,,,V*71
ST=85 06 00 00 00 00 17 00 E8
ST=A1 0D 49 49 00 00 00 00 00 37 00 2E 31 00 00 00

ST1: ST=10 01 01 53
DATA STORED
... App Wind Angle (169.5) stored ...

ST1: ST=11 01 03 07
\$WIMWV,169.5,R,3.7,N,A*2C
... Apparent Wind Speed 3.7 Kts ...