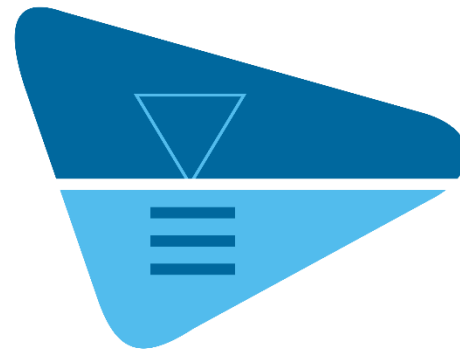


PNNL WindSentinel (6NB00130) – New Jersey

Configurations & Messages Screenshots



Ocean Tech Services, LLC

MARINE MONITORING SYSTEMS AND SURVEYS

E: INFO@OCEANTECHUSA.COM W: OCEANTECHUSA.COM

October 23, 2015

CONFIGURATIONS

Bluetooth



File Tools Help

- Stations
 - Fishermen's Energy Primary (6NB00070)
 - Fishermen's Energy Secondary (6NB00070)
 - PNNL 1 Primary (6NB00120)
 - PNNL 1 Secondary (6NB00120)
 - PNNL 2 Primary (6NB00130)
 - PNNL 2 Secondary (6NB00130)
- Communications
 - Serial - COM11 - (19200,8,None,1,None)
 - Serial - COM9 - (38400,8,None,1,None)
- Notifications
 - Thresholds
 - Watch Circles
 - Inactivity
 - Communications Activity
 - Alerts
- Message Broadcasting
- Communications Relay
- Delayed Messages
- Plug-ins
 - ADCP Data Processor - 1.3.5.18739
 - AIS Data Processor - 1.2.3.17809
 - SMS Auto-Responder - 1.1.12.17839
 - TRIAXYS Data Processor - 1.2.8.16344
 - WindSentinel Data Processor - 1.4.3.18639
- Logging
 - System
 - Raw Communications
 - Station Messages

Configuration Parameters

Configuration Parameters

- [25] Slot - [135] WM500 Interface Handler (1.02.01)
- [27] Slot - [93] Switched Power Timed (1.07.00)
- [28] Slot - [93] Switched Power Timed (1.07.00)
- [2] Node (9607003644c095e3)
 - [0] Slot - [0] WatchMan500 Node Manager (3.40.00)
 - [7] Slot - [29] PTB100 (1.10.00)
 - [21] Slot - [54] Water Intrusion Sensor (1.11.00)
 - [22] Slot - [54] Water Intrusion Sensor (1.11.00)
 - [23] Slot - [54] Water Intrusion Sensor (1.11.00)
 - [24] Slot - [54] Water Intrusion Sensor (1.11.00)
 - [25] Slot - [93] Switched Power Timed (1.07.00)
 - [27] Slot - [93] Switched Power Timed (1.07.00)
 - [1] Device Enabled = 1
 - [2] Device View,Log Level = 0,0
 - [3] Use System Sampling Values = 1
 - [4] Sampling Interval (seconds) = 600
 - [5] Sampling Duration (seconds) = 600
 - [6] Sampling Offset (seconds) = 0
 - [7] Name = Bluetooth Pwr
 - [8] Enable Power Cycle = 0
 - [9] Power Cycle Duration (sec) = 5
 - [10] Leave Power On = 0
 - [33] Slot - [133] TURBINE_Airdolphin (1.02.01)

+ - Complete Partial Request Send

Parameter Details

Value: Bluetooth Pwr Save

Default value: 0

Min value: 0 Data type: Unicode string

Max value: ? Access level: 2

OK Cancel

Status: Closed



File Tools Help

- Stations
 - Fishermen's Energy Primary (6NB00070)
 - Fishermen's Energy Secondary (6NB00070)
 - PNNL 1 Primary (6NB00120)
 - PNNL 1 Secondary (6NB00120)
 - PNNL 2 Primary (6NB00130)
 - PNNL 2 Secondary (6NB00130)
- Communications
 - Serial - COM11 - (19200,8,None,1,None)
 - Serial - COM9 - (38400,8,None,1,None)
- Notifications
 - Thresholds
 - Watch Circles
 - Inactivity
 - Communications Activity
 - Alerts
- Message Broadcasting
- Communications Relay
- Delayed Messages
- Plug-ins
 - ADCP Data Processor - 1.3.5.18739
 - AIS Data Processor - 1.2.3.17809
 - SMS Auto-Responder - 1.1.12.17839
 - TRIAXYS Data Processor - 1.2.8.16344
 - WindSentinel Data Processor - 1.4.3.18639
- Logging
 - System
 - Raw Communications
 - Station Messages

Configuration Parameters

Configuration Parameters

- [0] Slot - [0] WatchMan500 Node Manager (3.40.00)
- [1] Slot - [158] ISatData Pro Terminal (1.02.03)
- [2] Slot - [159] GPS Generic (1.09.02)
- [3] Slot - [34] Iridium Modem (1.19.00)
- [4] Slot - [105] AIS (1.09.02)
- [5] Slot - [157] Lantronix Serial-TCP (1.02.03)
 - [1] Device Enabled = 1
 - [2] Device View,Log Level = 6,3
 - [3] Use System Sampling Values = 1
 - [4] Sampling Interval = 600
 - [5] Sampling Duration = 600
 - [6] Sampling Offset = 0
 - [7] Baud Rate = 115200
 - [8] Primary Host Address = 130.20.68.221
 - [9] Primary HostPort Number = 6163
 - [10] Secondary Host Address = 69.196.73.165
 - [11] Secondary Host Port Number = 50000
 - [12] Number of Retries = 3
 - [13] Connection Timeout = 30
 - [14] Command Interpreter Enabled = 1
 - [15] Diagnostics Enabled = 0
 - [16] MTU Size = 576
- [6] Slot - [132] 3DM-GX Family (1.04.00)

+ - Complete Partial Request Send

Parameter Details

Value: Save

Default value:

Min value: Data type:

Max value: Access level:

OK Cancel

Status: Closed

Watch Circle



File Tools Help

- Stations
 - Fishermen's Energy Primary (6NB00070)
 - Fishermen's Energy Secondary (6NB00070)
 - PNNL 1 Primary (6NB00120)
 - PNNL 1 Secondary (6NB00120)
 - PNNL 2 Primary (6NB00130)
 - PNNL 2 Secondary (6NB00130)
- Communications
 - Serial - COM11 - (19200,8,None,1,None)
 - Serial - COM9 - (38400,8,None,1,None)
- Notifications
 - Thresholds
 - Watch Circles
 - Inactivity
 - Communications Activity
 - Alerts
- Message Broadcasting
- Communications Relay
- Delayed Messages
- Plug-ins
 - ADCP Data Processor - 1.3.5.18739
 - AIS Data Processor - 1.2.3.17809
 - SMS Auto-Responder - 1.1.12.17839
 - TRIAXYS Data Processor - 1.2.8.16344
 - WindSentinel Data Processor - 1.4.3.18639
- Logging
 - System
 - Raw Communications
 - Station Messages

Configuration Parameters

Configuration Parameters

- PNNL 2 Primary (6NB00130)
 - [1] Node (9607003644c021dc)
 - [0] Slot - [0] WatchMan500 Node Manager (3.40.00)
 - [1] Slot - [158] ISatData Pro Terminal (1.02.03)
 - [2] Slot - [159] GPS Generic (1.09.02)
 - [1] Device Enabled = 1
 - [2] Device View,Log Level = 3,3
 - [3] Use System Sampling Values = 1
 - [4] Sampling Interval = 600
 - [5] Sampling Timeout = 180
 - [6] Sampling Offset = 0
 - [7] Number of Retries = 3
 - [8] External GPS Device Mapping = 1,1
 - [9] Watchcircle Radius (m) = 300
 - [10] Watchcircle Off Position Action Script = M10
 - [11] Watchcircle Center Latitude = 3906.6520N
 - [12] Watchcircle Center Longitude = 7444.0870W
 - [13] Update Watchcircle Center now = 0
 - [14] Update Watchcircle Center delay (YYMMDDHHMMSS) =
 - [3] Slot - [34] Iridium Modem (1.19.00)
 - [4] Slot - [105] AIS (1.09.02)
 - [5] Slot - [157] Lantronix Serial-TCP (1.02.03)
 - [6] Slot - [132] 3DM-GX Family (1.04.00)

+ - Complete Partial Request Send

Parameter Details

Value: 300 Save

Default value: 0

Min value: 0 Data type: 64-bit floating-point

Max value: ? Access level: 2

OK Cancel

Status: Closed



File Tools Help

- Stations
 - Fishermen's Energy Primary (6NB00070)
 - Fishermen's Energy Secondary (6NB00070)
 - PNNL 1 Primary (6NB00120)
 - PNNL 1 Secondary (6NB00120)
 - PNNL 2 Primary (6NB00130)
 - PNNL 2 Secondary (6NB00130)
- Communications
 - Serial - COM11 - (19200,8,None,1,None)
 - Serial - COM9 - (38400,8,None,1,None)
- Notifications
 - Thresholds
 - Watch Circles
 - Inactivity
 - Communications Activity
 - Alerts
- Message Broadcasting
- Communications Relay
- Delayed Messages
- Plug-ins
 - ADCP Data Processor - 1.3.5.18739
 - AIS Data Processor - 1.2.3.17809
 - SMS Auto-Responder - 1.1.12.17839
 - TRIAXYS Data Processor - 1.2.8.16344
 - WindSentinel Data Processor - 1.4.3.18639
- Logging
 - System
 - Raw Communications
 - Station Messages

Configuration Parameters

- Configuration Parameters
 - PNNL 2 Primary (6NB00130)
 - [1] Node (9607003644c021dc)
 - [0] Slot - [0] WatchMan500 Node Manager (3.40.00)
 - [1] Slot - [158] ISatData Pro Terminal (1.02.03)
 - [2] Slot - [159] GPS Generic (1.09.02)
 - [3] Slot - [34] Iridium Modem (1.19.00)
 - [4] Slot - [105] AIS (1.09.02)
 - [1] Device Enabled = 1
 - [2] Device View,Log Level = 3,3
 - [3] Use System Sampling Values = 0
 - [4] Sampling Interval (seconds) = 3600
 - [5] Sampling Duration (seconds) = 0
 - [6] Sampling Offset (seconds) = 0
 - [7] Turn AIS Off When Not Sampling = 1
 - [5] Slot - [157] Lantronix Serial-TCP (1.02.03)
 - [6] Slot - [132] 3DM-GX Family (1.04.00)
 - [7] Slot - [17] Pulse Anemometer (4.31.01)
 - [8] Slot - [17] Pulse Anemometer (4.31.01)
 - [9] Slot - [115] Vindicator Laser Wind Sensor Handler (2.00.03)
 - [10] Slot - [14] Analog Humidity and Air Temperature (4.01.00)
 - [11] Slot - [22] TRIAXYS OEM (1.18.02)
 - [13] Slot - [138] CONTROL_Generator_AmplePower (1.11.00)
 - [14] Slot - [1] ADC Input (2.13.00)

Parameter Details

Value: Save

Default value:

Min value: Data type:

Max value: Access level:

OK Cancel

Status: Closed

Turbine – Sense 1



File Tools Help

- Stations
 - Fishermen's Energy Primary (6NB00070)
 - Fishermen's Energy Secondary (6NB00070)
 - PNNL 1 Primary (6NB00120)
 - PNNL 1 Secondary (6NB00120)
 - PNNL 2 Primary (6NB00130)
 - PNNL 2 Secondary (6NB00130)
- Communications
 - Serial - COM11 - (19200,8,None,1,None)
 - Serial - COM9 - (38400,8,None,1,None)
- Notifications
 - Thresholds
 - Watch Circles
 - Inactivity
 - Communications Activity
 - Alerts
- Message Broadcasting
- Communications Relay
- Delayed Messages
- Plug-ins
 - ADCP Data Processor - 1.3.5.18739
 - AIS Data Processor - 1.2.3.17809
 - SMS Auto-Responder - 1.1.12.17839
 - TRIAXYS Data Processor - 1.2.8.16344
 - WindSentinel Data Processor - 1.4.3.18639
- Logging
 - System
 - Raw Communications
 - Station Messages

Configuration Parameters

Configuration Parameters

- [10] Battery Capacity (Wh) = 48000
- [11] Battery Offset (V) = 0
- [12] Reserved 1 = 0
- [13] Reserved 2 = 0
- [14] Reserved 3 = 0
- [15] Sense 1 Name = Turbine 1
- [16] Sense 1 Mapping =
- [17] Sense 1 Parameter Type = 0
- [18] Sense 1 Independent Data Flag = 0
- [19] Sense 1 Scale = 20
- [20] Sense 1 Offset = -0.647
- [21] Sense 1 Sleep Estimation Mode = 1
- [22] Sense 1 Constant Power (W) = 0
- [23] Reserved 4 = 0
- [24] Reserved 5 = 0
- [25] Sense 2 Name = Turbine 2
- [26] Sense 2 Mapping =
- [27] Sense 2 Parameter Type = 0
- [28] Sense 2 Independent Data Flag = 0
- [29] Sense 2 Scale = 20
- [30] Sense 2 Offset = 0
- [31] Sense 2 Sleep Estimation Mode = 1
- [32] Sense 2 Constant Power (W) = 0

+ - Complete Partial Request Send

Parameter Details

Value: Turbine 1 Save

Default value: 0

Min value: ? Data type: Unicode string

Max value: ? Access level: 2

OK Cancel

Status: Closed

Solar Panels – Sense 3

AXYS DMS - localhost (LAT-E5530-BR\AXYS.AXYS.DMS)

AXYS TECHNOLOGIES INC.

AXYS DATA MANAGEMENT SYSTEM

2015-10-23 14:25:41 (LOCAL)

2015-10-23 18:25:41 (UTC)



File Tools Help

- Stations
 - Fishermen's Energy Primary (6NB00070)
 - Fishermen's Energy Secondary (6NB00070)
 - PNNL 1 Primary (6NB00120)
 - PNNL 1 Secondary (6NB00120)
 - PNNL 2 Primary (6NB00130)
 - PNNL 2 Secondary (6NB00130)
- Communications
 - Serial - COM11 - (19200,8,None,1,None)
 - Serial - COM9 - (38400,8,None,1,None)
- Notifications
 - Thresholds
 - Watch Circles
 - Inactivity
 - Communications Activity
 - Alerts
- Message Broadcasting
- Communications Relay
- Delayed Messages
- Plug-ins
 - ADCP Data Processor - 1.3.5.18739
 - AIS Data Processor - 1.2.3.17809
 - SMS Auto-Responder - 1.1.12.17839
 - TRIAXYS Data Processor - 1.2.8.16344
 - WindSentinel Data Processor - 1.4.3.18639
- Logging
 - System
 - Raw Communications
 - Station Messages

Configuration Parameters

Configuration Parameters

- [28] Sense 2 Independent Data Flag = 0
- [29] Sense 2 Scale = 20
- [30] Sense 2 Offset = 0
- [31] Sense 2 Sleep Estimation Mode = 1
- [32] Sense 2 Constant Power (W) = 0
- [33] Reserved 6 = 0
- [34] Reserved 7 = 0
- [35] Sense 3 Name = Solar
- [36] Sense 3 Mapping =
- [37] Sense 3 Parameter Type = 0
- [38] Sense 3 Independent Data Flag = 0
- [39] Sense 3 Scale = 10
- [40] Sense 3 Offset = 0.135
- [41] Sense 3 Sleep Estimation Mode = 1
- [42] Sense 3 Constant Power (W) = 0
- [43] Reserved 8 = 0
- [44] Reserved 9 = 0
- [45] Sense 4 Name = Generator
- [46] Sense 4 Mapping =
- [47] Sense 4 Parameter Type = 0
- [48] Sense 4 Independent Data Flag = 0
- [49] Sense 4 Scale = 60
- [50] Sense 4 Offset = -3.02

+ - Complete Partial Request Send

Parameter Details

Value: Solar Save

Default value: 0

Min value: ? Data type: Unicode string

Max value: ? Access level: 2

OK Cancel

Status: Closed

Generator – Sense 4



File Tools Help

- Stations
 - Fishermen's Energy Primary (6NB00070)
 - Fishermen's Energy Secondary (6NB00070)
 - PNNL 1 Primary (6NB00120)
 - PNNL 1 Secondary (6NB00120)
 - PNNL 2 Primary (6NB00130)
 - PNNL 2 Secondary (6NB00130)
- Communications
 - Serial - COM11 - (19200,8,None,1,None)
 - Serial - COM9 - (38400,8,None,1,None)
- Notifications
 - Thresholds
 - Watch Circles
 - Inactivity
 - Communications Activity
 - Alerts
- Message Broadcasting
- Communications Relay
- Delayed Messages
- Plug-ins
 - ADCP Data Processor - 1.3.5.18739
 - AIS Data Processor - 1.2.3.17809
 - SMS Auto-Responder - 1.1.12.17839
 - TRIAXYS Data Processor - 1.2.8.16344
 - WindSentinel Data Processor - 1.4.3.18639
- Logging
 - System
 - Raw Communications
 - Station Messages

Configuration Parameters

Configuration Parameters

- [39] Sense 3 Scale = 10
- [40] Sense 3 Offset = 0.135
- [41] Sense 3 Sleep Estimation Mode = 1
- [42] Sense 3 Constant Power (W) = 0
- [43] Reserved 8 = 0
- [44] Reserved 9 = 0
- [45] Sense 4 Name = Generator
- [46] Sense 4 Mapping =
- [47] Sense 4 Parameter Type = 0
- [48] Sense 4 Independent Data Flag = 0
- [49] Sense 4 Scale = 60
- [50] Sense 4 Offset = -3.02
- [51] Sense 4 Sleep Estimation Mode = 1
- [52] Sense 4 Constant Power (W) = 0
- [53] Reserved 10 = 0
- [54] Reserved 11 = 0
- [55] Sense 5 Name = Battery Charger
- [56] Sense 5 Mapping =
- [57] Sense 5 Parameter Type = 0
- [58] Sense 5 Independent Data Flag = 0
- [59] Sense 5 Scale = 10
- [60] Sense 5 Offset = -0.467
- [61] Sense 5 Sleep Estimation Mode = 1

+ - Complete Partial Request Send

Parameter Details

Value: Save

Default value:

Min value: Data type:

Max value: Access level:

OK Cancel

Status: Closed

Battery Charger – Sense 5



File Tools Help

- Stations
 - Fishermen's Energy Primary (6NB00070)
 - Fishermen's Energy Secondary (6NB00070)
 - PNNL 1 Primary (6NB00120)
 - PNNL 1 Secondary (6NB00120)
 - PNNL 2 Primary (6NB00130)
 - PNNL 2 Secondary (6NB00130)
- Communications
 - Serial - COM11 - (19200,8,None,1,None)
 - Serial - COM9 - (38400,8,None,1,None)
- Notifications
 - Thresholds
 - Watch Circles
 - Inactivity
 - Communications Activity
 - Alerts
- Message Broadcasting
- Communications Relay
- Delayed Messages
- Plug-ins
 - ADCP Data Processor - 1.3.5.18739
 - AIS Data Processor - 1.2.3.17809
 - SMS Auto-Responder - 1.1.12.17839
 - TRIAXYS Data Processor - 1.2.8.16344
 - WindSentinel Data Processor - 1.4.3.18639
- Logging
 - System
 - Raw Communications
 - Station Messages

Configuration Parameters

Configuration Parameters

- [48] Sense 4 Independent Data Flag = 0
- [49] Sense 4 Scale = 60
- [50] Sense 4 Offset = -3.02
- [51] Sense 4 Sleep Estimation Mode = 1
- [52] Sense 4 Constant Power (W) = 0
- [53] Reserved 10 = 0
- [54] Reserved 11 = 0
- [55] Sense 5 Name = Battery Charger
- [56] Sense 5 Mapping =
- [57] Sense 5 Parameter Type = 0
- [58] Sense 5 Independent Data Flag = 0
- [59] Sense 5 Scale = 10
- [60] Sense 5 Offset = -0.467
- [61] Sense 5 Sleep Estimation Mode = 1
- [62] Sense 5 Constant Power (W) = 0
- [63] Reserved 12 = 0
- [64] Reserved 13 = 0
- [65] Sense 6 Name = Inverter
- [66] Sense 6 Mapping =
- [67] Sense 6 Parameter Type = 0
- [68] Sense 6 Independent Data Flag = 0
- [69] Sense 6 Scale = 20
- [70] Sense 6 Offset = -0.658

+ - Complete Partial Request Send

Parameter Details

Value: Save

Default value:

Min value: Data type:

Max value: Access level:

OK Cancel

Status: Closed

Inverter – Sense 6



File Tools Help

- Stations
 - Fishermen's Energy Primary (6NB00070)
 - Fishermen's Energy Secondary (6NB00070)
 - PNNL 1 Primary (6NB00120)
 - PNNL 1 Secondary (6NB00120)
 - PNNL 2 Primary (6NB00130)
 - PNNL 2 Secondary (6NB00130)
- Communications
 - Serial - COM11 - (19200,8,None,1,None)
 - Serial - COM9 - (38400,8,None,1,None)
- Notifications
 - Thresholds
 - Watch Circles
 - Inactivity
 - Communications Activity
 - Alerts
- Message Broadcasting
- Communications Relay
- Delayed Messages
- Plug-ins
 - ADCP Data Processor - 1.3.5.18739
 - AIS Data Processor - 1.2.3.17809
 - SMS Auto-Responder - 1.1.12.17839
 - TRIAXYS Data Processor - 1.2.8.16344
 - WindSentinel Data Processor - 1.4.3.18639
- Logging
 - System
 - Raw Communications
 - Station Messages

Configuration Parameters

Configuration Parameters

- [62] Sense 5 Constant Power (W) = 0
- [63] Reserved 12 = 0
- [64] Reserved 13 = 0
- [65] Sense 6 Name = Inverter
- [66] Sense 6 Mapping =
- [67] Sense 6 Parameter Type = 0
- [68] Sense 6 Independent Data Flag = 0
- [69] Sense 6 Scale = 20
- [70] Sense 6 Offset = -0.658
- [71] Sense 6 Sleep Estimation Mode = 1
- [72] Sense 6 Constant Power (W) = 0
- [73] Reserved 14 = 0
- [74] Reserved 15 = 0
- [75] Sense 7 Name = Vindicator
- [76] Sense 7 Mapping =
- [77] Sense 7 Parameter Type = 0
- [78] Sense 7 Independent Data Flag = 0
- [79] Sense 7 Scale = 10
- [80] Sense 7 Offset = -0.239
- [81] Sense 7 Sleep Estimation Mode = 1
- [82] Sense 7 Constant Power (W) = 0
- [83] Reserved 16 = 0
- [84] Reserved 17 = 0

+ - Complete Partial Request Send

Parameter Details

Value: Save

Default value:

Min value: Data type:

Max value: Access level:

OK Cancel

Status: Closed

Vindicator Power – Sense 7

AXYS DMS - localhost (LAT-E5530-BRV\AXYS.AXYS.DMS)

AXYS TECHNOLOGIES INC.

AXYS DATA MANAGEMENT SYSTEM

2015-10-23 14:34:00 (LOCAL)

2015-10-23 18:34:00 (UTC)



File Tools Help

- Stations
 - Fishermen's Energy Primary (6NB00070)
 - Fishermen's Energy Secondary (6NB00070)
 - PNNL 1 Primary (6NB00120)
 - PNNL 1 Secondary (6NB00120)
 - PNNL 2 Primary (6NB00130)
 - PNNL 2 Secondary (6NB00130)
- Communications
 - Serial - COM11 - (19200,8,None,1,None)
 - Serial - COM9 - (38400,8,None,1,None)
- Notifications
 - Thresholds
 - Watch Circles
 - Inactivity
 - Communications Activity
 - Alerts
- Message Broadcasting
- Communications Relay
- Delayed Messages
- Plug-ins
 - ADCP Data Processor - 1.3.5.18739
 - AIS Data Processor - 1.2.3.17809
 - SMS Auto-Responder - 1.1.12.17839
 - TRIAXYS Data Processor - 1.2.8.16344
 - WindSentinel Data Processor - 1.4.3.18639
- Logging
 - System
 - Raw Communications
 - Station Messages

Configuration Parameters

Configuration Parameters

- [62] Sense 5 Constant Power (W) = 0
- [63] Reserved 12 = 0
- [64] Reserved 13 = 0
- [65] Sense 6 Name = Inverter
- [66] Sense 6 Mapping =
- [67] Sense 6 Parameter Type = 0
- [68] Sense 6 Independent Data Flag = 0
- [69] Sense 6 Scale = 20
- [70] Sense 6 Offset = -0.658
- [71] Sense 6 Sleep Estimation Mode = 1
- [72] Sense 6 Constant Power (W) = 0
- [73] Reserved 14 = 0
- [74] Reserved 15 = 0
- [75] Sense 7 Name = Vindicator
- [76] Sense 7 Mapping =
- [77] Sense 7 Parameter Type = 0
- [78] Sense 7 Independent Data Flag = 0
- [79] Sense 7 Scale = 10
- [80] Sense 7 Offset = -0.239
- [81] Sense 7 Sleep Estimation Mode = 1
- [82] Sense 7 Constant Power (W) = 0
- [83] Reserved 16 = 0
- [84] Reserved 17 = 0

+ - Complete Partial Request Send

Parameter Details

Value: Save

Default value:

Min value: Data type:

Max value: Access level:

OK Cancel

Status: Closed



File Tools Help

- Stations
 - Fishermen's Energy Primary (6NB00070)
 - Fishermen's Energy Secondary (6NB00070)
 - PNNL 1 Primary (6NB00120)
 - PNNL 1 Secondary (6NB00120)
 - PNNL 2 Primary (6NB00130)
 - PNNL 2 Secondary (6NB00130)
- Communications
 - Serial - COM11 - (19200,8,None,1,None)
 - Serial - COM9 - (38400,8,None,1,None)
- Notifications
 - Thresholds
 - Watch Circles
 - Inactivity
 - Communications Activity
 - Alerts
- Message Broadcasting
- Communications Relay
- Delayed Messages
- Plug-ins
 - ADCP Data Processor - 1.3.5.18739
 - AIS Data Processor - 1.2.3.17809
 - SMS Auto-Responder - 1.1.12.17839
 - TRIAXYS Data Processor - 1.2.8.16344
 - WindSentinel Data Processor - 1.4.3.18639
- Logging
 - System
 - Raw Communications
 - Station Messages

Configuration Parameters

Configuration Parameters

- [77] Sense 7 Parameter Type = 0
- [78] Sense 7 Independent Data Flag = 0
- [79] Sense 7 Scale = 10
- [80] Sense 7 Offset = -0.239
- [81] Sense 7 Sleep Estimation Mode = 1
- [82] Sense 7 Constant Power (W) = 0
- [83] Reserved 16 = 0
- [84] Reserved 17 = 0
- [85] Sense 8 Name = 24/12V PS
- [86] Sense 8 Mapping =
- [87] Sense 8 Parameter Type = 0
- [88] Sense 8 Independent Data Flag = 1
- [89] Sense 8 Scale = 10
- [90] Sense 8 Offset = -0.6
- [91] Sense 8 Sleep Estimation Mode = 1
- [92] Sense 8 Constant Power (W) = 0
- [93] Reserved 18 = 0
- [94] Reserved 19 = 0
- [95] Sense 9 Name = MPPT Solar
- [96] Sense 9 Mapping = 2,34,24
- [97] Sense 9 Parameter Type = 1
- [98] Sense 9 Independent Data Flag = 1
- [99] Sense 9 Scale = 1

+ - Complete Partial Request Send

Parameter Details

Value: 24/12V PS Save

Default value: 0

Min value: ? Data type: Unicode string

Max value: ? Access level: 2

OK Cancel

Status: Closed

MPPT Solar – Sense 9

AXYS DMS - localhost (LAT-E5530-BR\AXYS.AXYS.DMS)

AXYS TECHNOLOGIES INC.

AXYS DATA MANAGEMENT SYSTEM

2015-10-23 14:36:10 (LOCAL)

2015-10-23 18:36:10 (UTC)



File Tools Help

- Stations
 - Fishermen's Energy Primary (6NB00070)
 - Fishermen's Energy Secondary (6NB00070)
 - PNNL 1 Primary (6NB00120)
 - PNNL 1 Secondary (6NB00120)
 - PNNL 2 Primary (6NB00130)
 - PNNL 2 Secondary (6NB00130)
- Communications
 - Serial - COM11 - (19200,8,None,1,None)
 - Serial - COM9 - (38400,8,None,1,None)
- Notifications
 - Thresholds
 - Watch Circles
 - Inactivity
 - Communications Activity
 - Alerts
- Message Broadcasting
 - Communications Relay
 - Delayed Messages
- Plug-ins
 - ADCP Data Processor - 1.3.5.18739
 - AIS Data Processor - 1.2.3.17809
 - SMS Auto-Responder - 1.1.12.17839
 - TRIAXYS Data Processor - 1.2.8.16344
 - WindSentinel Data Processor - 1.4.3.18639
- Logging
 - System
 - Raw Communications
 - Station Messages

Configuration Parameters

Configuration Parameters

- [89] Sense 8 Scale = 10
- [90] Sense 8 Offset = -0.6
- [91] Sense 8 Sleep Estimation Mode = 1
- [92] Sense 8 Constant Power (W) = 0
- [93] Reserved 18 = 0
- [94] Reserved 19 = 0
- [95] Sense 9 Name = MPPT Solar
- [96] Sense 9 Mapping = 2,34,24
- [97] Sense 9 Parameter Type = 1
- [98] Sense 9 Independent Data Flag = 1
- [99] Sense 9 Scale = 1
- [100] Sense 9 Offset = 0
- [101] Sense 9 Sleep Estimation Mode = 1
- [102] Sense 9 Constant Power (W) = 0
- [103] Reserved 20 = 0
- [104] Reserved 21 = 0
- [105] Sense 10 Name = Airdolphin Turbine
- [106] Sense 10 Mapping = 2,33,4
- [107] Sense 10 Parameter Type = 1
- [108] Sense 10 Independent Data Flag = 1
- [109] Sense 10 Scale = 1
- [110] Sense 10 Offset = 0
- [111] Sense 10 Sleep Estimation Mode = 1

+ - Complete Partial Request Send

Parameter Details

Value: Save

Default value:

Min value: Data type:

Max value: Access level:

OK Cancel

Status: Closed

AirDolphin Power – Sense 10

AXYS DMS - localhost (LAT-E5530-BRV\AXYS.AXYS.DMS)

AXYS TECHNOLOGIES INC.

AXYS DATA MANAGEMENT SYSTEM

2015-10-23 14:37:29 (LOCAL)

2015-10-23 18:37:29 (UTC)



File Tools Help

- Stations
 - Fishermen's Energy Primary (6NB00070)
 - Fishermen's Energy Secondary (6NB00070)
 - PNNL 1 Primary (6NB00120)
 - PNNL 1 Secondary (6NB00120)
 - PNNL 2 Primary (6NB00130)
 - PNNL 2 Secondary (6NB00130)
- Communications
 - Serial - COM11 - (19200,8,None,1,None)
 - Serial - COM9 - (38400,8,None,1,None)
- Notifications
 - Thresholds
 - Watch Circles
 - Inactivity
 - Communications Activity
 - Alerts
- Message Broadcasting
- Communications Relay
- Delayed Messages
- Plug-ins
 - ADCP Data Processor - 1.3.5.18739
 - AIS Data Processor - 1.2.3.17809
 - SMS Auto-Responder - 1.1.12.17839
 - TRIAXYS Data Processor - 1.2.8.16344
 - WindSentinel Data Processor - 1.4.3.18639
- Logging
 - System
 - Raw Communications
 - Station Messages

Configuration Parameters

Configuration Parameters

- [95] Sense 9 Name = MPPT Solar
- [96] Sense 9 Mapping = 2,34,24
- [97] Sense 9 Parameter Type = 1
- [98] Sense 9 Independent Data Flag = 1
- [99] Sense 9 Scale = 1
- [100] Sense 9 Offset = 0
- [101] Sense 9 Sleep Estimation Mode = 1
- [102] Sense 9 Constant Power (W) = 0
- [103] Reserved 20 = 0
- [104] Reserved 21 = 0
- [105] Sense 10 Name = Airdolphin Turbine
- [106] Sense 10 Mapping = 2,33,4
- [107] Sense 10 Parameter Type = 1
- [108] Sense 10 Independent Data Flag = 1
- [109] Sense 10 Scale = 1
- [110] Sense 10 Offset = 0
- [111] Sense 10 Sleep Estimation Mode = 1
- [112] Sense 10 Constant Power (W) = 0
- [113] Reserved 22 = 0
- [114] Reserved 23 = 0

[S] Node (System)
[0] Slot - [250] WatchMan500 System Manager (3.37.00)

+ - Complete Partial Request Send

Parameter Details

Value: Save

Default value:

Min value: Data type:

Max value: Access level:

OK Cancel

Status: Closed

Generator Auto Start Threshold



File Tools Help

- Stations
 - Fishermen's Energy Primary (6NB00070)
 - Fishermen's Energy Secondary (6NB00070)
 - PNNL 1 Primary (6NB00120)
 - PNNL 1 Secondary (6NB00120)
 - PNNL 2 Primary (6NB00130)
 - PNNL 2 Secondary (6NB00130)
- Communications
 - Serial - COM11 - (19200,8,None,1,None)
 - Serial - COM9 - (38400,8,None,1,None)
- Notifications
 - Thresholds
 - Watch Circles
 - Inactivity
 - Communications Activity
 - Alerts
- Message Broadcasting
- Communications Relay
- Delayed Messages
- Plug-ins
 - ADCP Data Processor - 1.3.5.18739
 - AIS Data Processor - 1.2.3.17809
 - SMS Auto-Responder - 1.1.12.17839
 - TRIAXYS Data Processor - 1.2.8.16344
 - WindSentinel Data Processor - 1.4.3.18639
- Logging
 - System
 - Raw Communications
 - Station Messages

Configuration Parameters

Configuration Parameters

- [9] Enable Auto Power Cycle = 0
- [10] Reserved 1 = 0
- [11] Reserved 2 = 0
- [12] Cycle Through Generator Config Parameters = 0
- [13] Enematic Firmware Version = 1
- [14] Energy Bank AmpHr Capacity = 2000
- [15] Energy Bank AmpHr Recharge Efficiency = 90
- [16] Energy Bank Battery Full - Amps = 60
- [17] Energy Bank Battery Full - Volts = 28
- [18] Energy Bank Battery Full - Time (minutes) = 10
- [19] Absorption Voltage Setpoint = 29.6
- [20] Absorption Time (minutes) = 60
- [21] Float Voltage Setpoint = 27
- [22] Enable Regulator Exit ABS on Full Batteries = 0
- [23] Enable Alternator Pwr Limiting = 0
- [24] Max Alternator Amps = 135
- [25] Max Alternator Watts = 4400
- [26] Enable Auto Start = 1
- [27] Enable Start on Volts/Time Condition = 1
- [28] Voltage Auto Start Threshold = 24.7
- [29] Voltage Auto Start Wait Time (sec) = 2100
- [30] Enable Engine Restart on Over Temp = 1
- [31] Temperature Switch Sample Interval (sec) = 60

+ - Complete Partial Request Send

Parameter Details

Value: 24.7 Save

Default value: 24.00

Min value: 0 Data type: 32-bit floating-point

Max value: ? Access level: 2

OK Cancel

Status: Closed

WatchMan500 Primary CF Card

AXYS DMS - localhost (LAT-E5530-BR\AXYS.AXYS.DMS)

AXYS TECHNOLOGIES INC.

AXYS DATA MANAGEMENT SYSTEM

2015-10-23 14:57:09 (LOCAL)

2015-10-23 18:57:09 (UTC)



File Tools Help

- Stations
 - Fishermen's Energy Primary (6NB00070)
 - Fishermen's Energy Secondary (6NB00070)
 - PNNL 1 Primary (6NB00120)
 - PNNL 1 Secondary (6NB00120)
 - PNNL 2 Primary (6NB00130)
 - PNNL 2 Secondary (6NB00130)
- Communications
 - Serial - COM11 - (19200,8,None,1,None)
 - Serial - COM9 - (38400,8,None,1,None)
- Notifications
 - Thresholds
 - Watch Circles
 - Inactivity
 - Communications Activity
 - Alerts
- Message Broadcasting
- Communications Relay
- Delayed Messages
- Plug-ins
 - ADCP Data Processor - 1.3.5.18739
 - AIS Data Processor - 1.2.3.17809
 - SMS Auto-Responder - 1.1.12.17839
 - TRIAXYS Data Processor - 1.2.8.16344
 - WindSentinel Data Processor - 1.4.3.18639
- Logging
 - System
 - Raw Communications
 - Station Messages

Configuration Parameters

Configuration Parameters

- [9] Slot - [115] Vindicator Laser Wind Sensor Handler (2.00.03)
- [10] Slot - [14] Analog Humidity and Air Temperature (4.01.00)
- [11] Slot - [22] TRIAXYS OEM (1.18.02)
- [13] Slot - [138] CONTROL_Generator_AmplePower (1.11.00)
- [14] Slot - [1] ADC Input (2.13.00)
- [15] Slot - [44] Generic Datalogger (1.27.03)
 - [1] Device Enabled = 1
 - [2] Device View,Log Level = 3,3
 - [3] Device index (0=CompactFlash, 1=Internal) = 0
 - [4] Automatic delete flag = 1
 - [5] Write cache size = 10240
 - [6] Write cache count = 10
 - [7] Wait Time Averaging Interval = 600
 - [8] Wait Time Averaging Offset = 600
 - [9] Max Wait Timeout (ms) = 3000
 - [10] Max Number of Retries = 1
- [16] Slot - [44] Generic Datalogger (1.27.03)
- [21] Slot - [41] Binary Message Builder (2.09.01)
- [22] Slot - [48] Action Script Utility Handler (1.06.00)
- [25] Slot - [135] WM500 Interface Handler (1.02.01)
- [27] Slot - [93] Switched Power Timed (1.07.00)
- [28] Slot - [93] Switched Power Timed (1.07.00)
- [2] Node (9607003644c095e3)

+ - Complete Partial Request Send

Parameter Details

Value: Save

Default value:

Min value: Data type:

Max value: Access level:

OK Cancel

Status: Closed

WatchMan500 Secondary CF Card

AXYS DMS - localhost (LAT-E5530-BR\AXYS.AXYS.DMS)

AXYS TECHNOLOGIES INC.

AXYS DATA MANAGEMENT SYSTEM

2015-10-23 15:50:42 (LOCAL)

2015-10-23 19:50:42 (UTC)



File Tools Help

- Stations
 - Fishermen's Energy Primary (6NB00070)
 - Fishermen's Energy Secondary (6NB00070)
 - PNNL 1 Primary (6NB00120)
 - PNNL 1 Secondary (6NB00120)
 - PNNL 2 Primary (6NB00130)
 - PNNL 2 Secondary (6NB00130)
- Communications
 - Serial - COM11 - (19200,8,None,1,None)
 - Serial - COM9 - (38400,8,None,1,None)
- Notifications
 - Thresholds
 - Watch Circles
 - Inactivity
 - Communications Activity
 - Alerts
- Message Broadcasting
- Communications Relay
- Delayed Messages
- Plug-ins
 - ADCP Data Processor - 1.3.5.18739
 - AIS Data Processor - 1.2.3.17809
 - SMS Auto-Responder - 1.1.12.17839
 - TRIAXYS Data Processor - 1.2.8.16344
 - WindSentinel Data Processor - 1.4.3.18639
- Logging
 - System
 - Raw Communications
 - Station Messages

Configuration Parameters

Configuration Parameters

- PNNL 2 Secondary (6NB00130)
 - [1] Node (9607003644c08fdc)
 - [0] Slot - [0] WatchMan500 Node Manager (3.40.00)
 - [5] Slot - [112] Generic Comms Device Handler (1.07.00)
 - [6] Slot - [1] ADC Input (2.13.00)
 - [9] Slot - [53] YSI Themistor (1.11.00)
 - [12] Slot - [63] Nortek ADCP (1.16.03)
 - [13] Slot - [49] SeaBird CTD Handler (4.18.01)
 - [15] Slot - [44] Generic Datalogger (1.27.03)
 - [1] Device Enabled = 1
 - [2] Device View, Log Level = 3,3
 - [3] Device index (0=CompactFlash, 1=Internal) = 0
 - [4] Automatic delete flag = 1
 - [5] Write cache size = 10240
 - [6] Write cache count = 10
 - [7] Wait Time Averaging Interval = 600
 - [8] Wait Time Averaging Offset = 600
 - [9] Max Wait Timeout (ms) = 3000
 - [10] Max Number of Retries = 1
 - [16] Slot - [44] Generic Datalogger (1.27.03)
 - [S] Node (System)
 - [0] Slot - [250] WatchMan500 System Manager (3.37.00)

+ - Complete Partial Request Send

Parameter Details

Value: Save

Default value:

Min value: Data type:

Max value: Access level:

OK Cancel

Status: Open

Cup Anemometer 1 and Wind Vane

AXYS DMS - localhost (LAT-E5530-BR\AXYS.AXYS.DMS)

AXYS TECHNOLOGIES INC.

AXYS DATA MANAGEMENT SYSTEM

2015-10-23 15:16:09 (LOCAL)

2015-10-23 19:16:09 (UTC)



File Tools Help

- Stations
 - Fishermen's Energy Primary (6NB00070)
 - Fishermen's Energy Secondary (6NB00070)
 - PNNL 1 Primary (6NB00120)
 - PNNL 1 Secondary (6NB00120)
 - PNNL 2 Primary (6NB00130)
 - PNNL 2 Secondary (6NB00130)
- Communications
 - Serial - COM11 - (19200,8,None,1,None)
 - Serial - COM9 - (38400,8,None,1,None)
- Notifications
 - Thresholds
 - Watch Circles
 - Inactivity
 - Communications Activity
 - Alerts
- Message Broadcasting
- Communications Relay
- Delayed Messages
- Plug-ins
 - ADCP Data Processor - 1.3.5.18739
 - AIS Data Processor - 1.2.3.17809
 - SMS Auto-Responder - 1.1.12.17839
 - TRIAXYS Data Processor - 1.2.8.16344
 - WindSentinel Data Processor - 1.4.3.18639
- Logging
 - System
 - Raw Communications
 - Station Messages

Configuration Parameters

Configuration Parameters

- PNNL 2 Primary (6NB00130)
 - [1] Node (9607003644c021dc)
 - [0] Slot - [0] WatchMan500 Node Manager (3.40.00)
 - [1] Slot - [158] ISatData Pro Terminal (1.02.03)
 - [2] Slot - [159] GPS Generic (1.09.02)
 - [3] Slot - [34] Iridium Modem (1.19.00)
 - [4] Slot - [105] AIS (1.09.02)
 - [5] Slot - [157] Lantronix Serial-TCP (1.02.03)
 - [6] Slot - [132] 3DM-GX Family (1.04.00)
 - [7] Slot - [17] Pulse Anemometer (4.31.01)
 - [1] Device Enabled = 1
 - [2] Device View, Log Level = 3,3
 - [3] Use System Sampling Settings = 1
 - [4] Sampling Interval (seconds) = 600
 - [5] Sampling Duration (seconds) = 600
 - [6] Sampling Offset (seconds) = 0
 - [7] Wind Model Type = 4
 - [8] Gust Averaging Sample Count = 3
 - [9] Wind Averaging Algorithm = 1
 - [10] Minimum Number of Averaging Samples = 0
 - [11] Wind Speed Scale Factor (from m/s) = 1.2585
 - [12] Wind Speed Offset Factor (from m/s) = 0.1544
 - [13] Wind Direction Scale Factor = 57.2957795130823

+ - Complete Partial Request Send

Parameter Details

Value: Save

Default value:

Min value: Data type:

Max value: Access level:

OK Cancel

Status: Closed

Cup Anemometer 2

AXYS DMS - localhost (LAT-E5530-BR\AXYS.AXYS.DMS)

AXYS TECHNOLOGIES INC.
AXYS DATA MANAGEMENT SYSTEM

2015-10-23 15:16:37 (LOCAL)
2015-10-23 19:16:37 (UTC)

File Tools Help

- Stations
 - Fishermen's Energy Primary (6NB00070)
 - Fishermen's Energy Secondary (6NB00070)
 - PNNL 1 Primary (6NB00120)
 - PNNL 1 Secondary (6NB00120)
 - PNNL 2 Primary (6NB00130)
 - PNNL 2 Secondary (6NB00130)
- Communications
 - Serial - COM11 - (19200,8,None,1,None)
 - Serial - COM9 - (38400,8,None,1,None)
- Notifications
 - Thresholds
 - Watch Circles
 - Inactivity
 - Communications Activity
 - Alerts
- Message Broadcasting
- Communications Relay
- Delayed Messages
- Plug-ins
 - ADCP Data Processor - 1.3.5.18739
 - AIS Data Processor - 1.2.3.17809
 - SMS Auto-Responder - 1.1.12.17839
 - TRIAXYS Data Processor - 1.2.8.16344
 - WindSentinel Data Processor - 1.4.3.18639
- Logging
 - System
 - Raw Communications
 - Station Messages

Configuration Parameters

Configuration Parameters

- PNNL 2 Primary (6NB00130)
 - [1] Node (9607003644c021dc)
 - [0] Slot - [0] WatchMan500 Node Manager (3.40.00)
 - [1] Slot - [158] ISatData Pro Terminal (1.02.03)
 - [2] Slot - [159] GPS Generic (1.09.02)
 - [3] Slot - [34] Iridium Modem (1.19.00)
 - [4] Slot - [105] AIS (1.09.02)
 - [5] Slot - [157] Lantronix Serial-TCP (1.02.03)
 - [6] Slot - [132] 3DM-GX Family (1.04.00)
 - [7] Slot - [17] Pulse Anemometer (4.31.01)
 - [8] Slot - [17] Pulse Anemometer (4.31.01)
 - [1] Device Enabled = 1
 - [2] Device View,Log Level = 3,3
 - [3] Use System Sampling Settings = 1
 - [4] Sampling Interval (seconds) = 600
 - [5] Sampling Duration (seconds) = 600
 - [6] Sampling Offset (seconds) = 0
 - [7] Wind Model Type = 4
 - [8] Gust Averaging Sample Count = 3
 - [9] Wind Averaging Algorithm = 1
 - [10] Minimum Number of Averaging Samples = 0
 - [11] Wind Speed Scale Factor (from m/s) = 1.25319
 - [12] Wind Speed Offset Factor (from m/s) = 0.2083

+ - Complete Partial Request Send

Parameter Details

Value: Save

Default value:

Min value: Data type:

Max value: Access level:

OK Cancel

Status: Closed

Vindicator



File Tools Help

- Stations
 - Fishermen's Energy Primary (6NB00070)
 - Fishermen's Energy Secondary (6NB00070)
 - PNNL 1 Primary (6NB00120)
 - PNNL 1 Secondary (6NB00120)
 - PNNL 2 Primary (6NB00130)
 - PNNL 2 Secondary (6NB00130)
- Communications
 - Serial - COM11 - (19200,8,None,1,None)
 - Serial - COM9 - (38400,8,None,1,None)
- Notifications
 - Thresholds
 - Watch Circles
 - Inactivity
 - Communications Activity
 - Alerts
- Message Broadcasting
- Communications Relay
- Delayed Messages
- Plug-ins
 - ADCP Data Processor - 1.3.5.18739
 - AIS Data Processor - 1.2.3.17809
 - SMS Auto-Responder - 1.1.12.17839
 - TRIAXYS Data Processor - 1.2.8.16344
 - WindSentinel Data Processor - 1.4.3.18639
- Logging
 - System
 - Raw Communications
 - Station Messages

Configuration Parameters

Configuration Parameters

- PNNL 2 Primary (6NB00130)
 - [1] Node (9607003644c021dc)
 - [0] Slot - [0] WatchMan500 Node Manager (3.40.00)
 - [1] Slot - [158] ISatData Pro Terminal (1.02.03)
 - [2] Slot - [159] GPS Generic (1.09.02)
 - [3] Slot - [34] Iridium Modem (1.19.00)
 - [4] Slot - [105] AIS (1.09.02)
 - [5] Slot - [157] Lantronix Serial-TCP (1.02.03)
 - [6] Slot - [132] 3DM-GX Family (1.04.00)
 - [7] Slot - [17] Pulse Anemometer (4.31.01)
 - [8] Slot - [17] Pulse Anemometer (4.31.01)
 - [9] Slot - [115] Vindicator Laser Wind Sensor Handler (2.00.03)
 - [1] Device Enabled = 1
 - [2] Device View,Log Level = 3,3
 - [3] Use System Sampling Values = 1
 - [4] Sampling Interval (seconds) = 600
 - [5] Sampling Duration (seconds) = 600
 - [6] Sampling Offset (seconds) = 0
 - [7] MODBUS Unit Identifier = 1
 - [8] MODBUS Request Length = 125
 - [9] MODBUS Timeout (ms) = 400
 - [10] Serial Port Baud Rate = 9600
 - [11] Serial Port Data Bits = 8

+ - Complete Partial Request Send

Parameter Details

Value: Save

Default value:

Min value: Data type:

Max value: Access level:

OK Cancel

Status: Closed

Vindicator – Air Tank Pressure Sensor

AXYS DMS - localhost (LAT-E5530-BR\AXYS.AXYS.DMS)

AXYS TECHNOLOGIES INC.

AXYS DATA MANAGEMENT SYSTEM

2015-10-23 15:18:17 (LOCAL)

2015-10-23 19:18:17 (UTC)



File Tools Help

- Stations
 - Fishermen's Energy Primary (6NB00070)
 - Fishermen's Energy Secondary (6NB00070)
 - PNNL 1 Primary (6NB00120)
 - PNNL 1 Secondary (6NB00120)
 - PNNL 2 Primary (6NB00130)
 - PNNL 2 Secondary (6NB00130)
- Communications
 - Serial - COM11 - (19200,8,None,1,None)
 - Serial - COM9 - (38400,8,None,1,None)
- Notifications
 - Thresholds
 - Watch Circles
 - Inactivity
 - Communications Activity
 - Alerts
- Message Broadcasting
- Communications Relay
- Delayed Messages
- Plug-ins
 - ADCP Data Processor - 1.3.5.18739
 - AIS Data Processor - 1.2.3.17809
 - SMS Auto-Responder - 1.1.12.17839
 - TRIAXYS Data Processor - 1.2.8.16344
 - WindSentinel Data Processor - 1.4.3.18639
- Logging
 - System
 - Raw Communications
 - Station Messages

Configuration Parameters

Configuration Parameters

- [7] Slot - [17] Pulse Anemometer (4.31.01)
- [8] Slot - [17] Pulse Anemometer (4.31.01)
- [9] Slot - [115] Vindicator Laser Wind Sensor Handler (2.00.03)
- [10] Slot - [14] Analog Humidity and Air Temperature (4.01.00)
- [11] Slot - [22] TRIAXYS OEM (1.18.02)
- [13] Slot - [138] CONTROL_Generator_AmplePower (1.11.00)
- [14] Slot - [1] ADC Input (2.13.00)
 - [1] Device Enabled = 1
 - [2] Device View_Log Level = 3,3
 - [3] Use System Averaging Interval = 0
 - [4] ADC Gain Settings = 0
 - [5] Sample Rate = 7
 - [6] Buffer Enable = 0
 - [7] Multiplier = 1250
 - [8] Offset = -625
 - [9] Sampling Interval (seconds) = 600
 - [10] Sampling Duration (seconds) = 60
 - [11] Sampling Offset (seconds) = 0
 - [12] Minimum number of averaging elements = 55
 - [13] Local sample rate = 1
 - [14] Name = Pressure Gauge
 - [15] Power on Before Sampling (s) = 5
- [15] Slot - [44] Generic Datalogger (1.27.03)

+ - Complete Partial Request Send

Parameter Details

Value: Pressure Gauge Save

Default value: 0

Min value: 0 Data type: Unicode string

Max value: ? Access level: 2

OK Cancel

Status: Closed



Air Temperature, Relative Humidity, Dew Point



File Tools Help

- Stations
 - Fishermen's Energy Primary (6NB00070)
 - Fishermen's Energy Secondary (6NB00070)
 - PNNL 1 Primary (6NB00120)
 - PNNL 1 Secondary (6NB00120)
 - PNNL 2 Primary (6NB00130)
 - PNNL 2 Secondary (6NB00130)
- Communications
 - Serial - COM11 - (19200,8,None,1,None)
 - Serial - COM9 - (38400,8,None,1,None)
- Notifications
 - Thresholds
 - Watch Circles
 - Inactivity
 - Communications Activity
 - Alerts
- Message Broadcasting
- Communications Relay
- Delayed Messages
- Plug-ins
 - ADCP Data Processor - 1.3.5.18739
 - AIS Data Processor - 1.2.3.17809
 - SMS Auto-Responder - 1.1.12.17839
 - TRIAXYS Data Processor - 1.2.8.16344
 - WindSentinel Data Processor - 1.4.3.18639
- Logging
 - System
 - Raw Communications
 - Station Messages

Configuration Parameters

Configuration Parameters

- PNNL 2 Primary (6NB00130)
 - [1] Node (9607003644c021dc)
 - [0] Slot - [0] WatchMan500 Node Manager (3.40.00)
 - [1] Slot - [158] ISatData Pro Terminal (1.02.03)
 - [2] Slot - [159] GPS Generic (1.09.02)
 - [3] Slot - [34] Iridium Modem (1.19.00)
 - [4] Slot - [105] AIS (1.09.02)
 - [5] Slot - [157] Lantronix Serial-TCP (1.02.03)
 - [6] Slot - [132] 3DM-GX Family (1.04.00)
 - [7] Slot - [17] Pulse Anemometer (4.31.01)
 - [8] Slot - [17] Pulse Anemometer (4.31.01)
 - [9] Slot - [115] Vindicator Laser Wind Sensor Handler (2.00.03)
 - [10] Slot - [14] Analog Humidity and Air Temperature (4.01.00)
 - [1] Device Enabled = 1
 - [2] Device View,Log Level = 3,3
 - [3] Use System Sampling Settings = 1
 - [4] Sampling Interval (s) = 600
 - [5] Sampling Duration (s) = 600
 - [6] Sampling Offset (s) = 0
 - [7] Minimum Number of Averaging Elements = 0
 - [8] AT&H Model Type = 0
 - [9] Sensor Height (m) = 0
 - [10] AT_Offset = 0

+ - Complete Partial Request Send

Parameter Details

Value: Save

Default value:

Min value: Data type:

Max value: Access level:

OK Cancel

Status: Closed

Pyranometer



File Tools Help

- Stations
 - Fishermen's Energy Primary (6NB00070)
 - Fishermen's Energy Secondary (6NB00070)
 - PNNL 1 Primary (6NB00120)
 - PNNL 1 Secondary (6NB00120)
 - PNNL 2 Primary (6NB00130)
 - PNNL 2 Secondary (6NB00130)
- Communications
 - Serial - COM11 - (19200,8,None,1,None)
 - Serial - COM9 - (38400,8,None,1,None)
- Notifications
 - Thresholds
 - Watch Circles
 - Inactivity
 - Communications Activity
 - Alerts
- Message Broadcasting
- Communications Relay
- Delayed Messages
- Plug-ins
 - ADCP Data Processor - 1.3.5.18739
 - AIS Data Processor - 1.2.3.17809
 - SMS Auto-Responder - 1.1.12.17839
 - TRIAXYS Data Processor - 1.2.8.16344
 - WindSentinel Data Processor - 1.4.3.18639
- Logging
 - System
 - Raw Communications
 - Station Messages

Configuration Parameters

Configuration Parameters

- PNNL 2 Secondary (6NB00130)
 - [1] Node (9607003644c08fdc)
 - [0] Slot - [0] WatchMan500 Node Manager (3.40.00)
 - [5] Slot - [112] Generic Comms Device Handler (1.07.00)
 - [6] Slot - [1] ADC Input (2.13.00)
 - [1] Device Enabled = 1
 - [2] Device View,Log Level = 3,3
 - [3] Use System Averaging Interval = 1
 - [4] ADC Gain Settings = 0
 - [5] Sample Rate = 7
 - [6] Buffer Enable = 0
 - [7] Multiplier = -73590
 - [8] Offset = 0
 - [9] Sampling Interval (seconds) = 600
 - [10] Sampling Duration (seconds) = 600
 - [11] Sampling Offset (seconds) = 0
 - [12] Minimum number of averaging elements = 1
 - [13] Local sample rate = 1
 - [14] Name = Solar Radiation W/m²
 - [15] Power on Before Sampling (s) = 5
 - [9] Slot - [53] YSI Themistor (1.11.00)
 - [12] Slot - [63] Nortek ADCP (1.16.03)
 - [13] Slot - [49] SeaBird CTD Handler (4.18.01)

+ - Complete Partial Request Send

Parameter Details

Value: Save

Default value:

Min value: Data type:

Max value: Access level:

OK Cancel

Status: Open



File Tools Help

- Stations
 - Fishermen's Energy Primary (6NB00070)
 - Fishermen's Energy Secondary (6NB00070)
 - PNNL 1 Primary (6NB00120)
 - PNNL 1 Secondary (6NB00120)
 - PNNL 2 Primary (6NB00130)
 - PNNL 2 Secondary (6NB00130)
- Communications
 - Serial - COM11 - (19200,8,None,1,None)
 - Serial - COM9 - (38400,8,None,1,None)
- Notifications
 - Thresholds
 - Watch Circles
 - Inactivity
 - Communications Activity
 - Alerts
- Message Broadcasting
- Communications Relay
- Delayed Messages
- Plug-ins
 - ADCP Data Processor - 1.3.5.18739
 - AIS Data Processor - 1.2.3.17809
 - SMS Auto-Responder - 1.1.12.17839
 - TRIAXYS Data Processor - 1.2.8.16344
 - WindSentinel Data Processor - 1.4.3.18639
- Logging
 - System
 - Raw Communications
 - Station Messages

Configuration Parameters

Configuration Parameters

- [7] Slot - [17] Pulse Anemometer (4.31.01)
- [8] Slot - [17] Pulse Anemometer (4.31.01)
- [9] Slot - [115] Vindicator Laser Wind Sensor Handler (2.00.03)
- [10] Slot - [14] Analog Humidity and Air Temperature (4.01.00)
- [11] Slot - [22] TRIAXYS OEM (1.18.02)
 - [1] Device Enabled = 1
 - [2] Device View,Log Level = 3,3
 - [3] Use System Sampling Settings = 0
 - [4] Sampling Interval (seconds) = 1200
 - [5] Sampling Duration (seconds) = 1200
 - [6] Sampling Offset (seconds) = 0
 - [7] Center of Mass X Offset = 0
 - [8] Center of Mass Y Offset = 0
 - [9] Center of Mass Z Offset = 0
 - [10] Max Processing Timeout = 300
 - [11] Message Enable String = 3,3,0,0,0,0,0
 - [12] Frequency Resolution (Hz) = 0.005
 - [13] Low Frequency Limit (Hz) = 0.03
 - [14] High Frequency Limit (Hz) = 0.64
 - [15] Spectral Threshold Ratio = 0.01
 - [16] MFX Message Type = 0
 - [17] Leave Power On = 0
- [13] Slot - [138] CONTROL_Generator_AmplePower (1.11.00)

+ - Complete Partial Request Send

Parameter Details

Value: Save

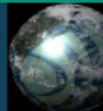
Default value:

Min value: Data type:

Max value: Access level:

OK Cancel

Status: Open



File Tools Help

- Stations
 - Fishermen's Energy Primary (6NB00070)
 - Fishermen's Energy Secondary (6NB00070)
 - PNNL 1 Primary (6NB00120)
 - PNNL 1 Secondary (6NB00120)
 - PNNL 2 Primary (6NB00130)
 - PNNL 2 Secondary (6NB00130)
- Communications
 - Serial - COM11 - (19200,8,None,1,None)
 - Serial - COM9 - (38400,8,None,1,None)
- Notifications
 - Thresholds
 - Watch Circles
 - Inactivity
 - Communications Activity
 - Alerts
- Message Broadcasting
- Communications Relay
- Delayed Messages
- Plug-ins
 - ADCP Data Processor - 1.3.5.18739
 - AIS Data Processor - 1.2.3.17809
 - SMS Auto-Responder - 1.1.12.17839
 - TRIAXYS Data Processor - 1.2.8.16344
 - WindSentinel Data Processor - 1.4.3.18639
- Logging
 - System
 - Raw Communications
 - Station Messages

Configuration Parameters

Configuration Parameters

- PNNL 2 Secondary (6NB00130)
 - [1] Node (9607003644c08fdc)
 - [0] Slot - [0] WatchMan500 Node Manager (3.40.00)
 - [5] Slot - [112] Generic Comms Device Handler (1.07.00)
 - [6] Slot - [1] ADC Input (2.13.00)
 - [9] Slot - [53] YSI Themistor (1.11.00)
 - [12] Slot - [63] Nortek ADCP (1.16.03)
 - [1] Device Enabled = 1
 - [2] Device View,Log Level = 3,3
 - [3] Use System Sampling Settings = 1
 - [4] Sampling Interval (seconds) = 600
 - [5] Sampling Duration (seconds) = 600
 - [6] Sampling Offset (seconds) = 0
 - [7] Minimum Number of Averaging Elements = 1
 - [8] Velocity Scale = 1
 - [9] Velocity Offset = 0
 - [10] Bin Mapping String = 1,2,3
 - [11] Analog 1 Scale = 1
 - [12] Analog 1 Offset = 0
 - [13] Analog 2 Scale = 1
 - [14] Analog 2 Offset = 0
 - [15] Transducer Head Depth (m) = 0.652
 - [16] Blanking Distance (m) = 1

+ - Complete Partial Request Send

Parameter Details

Value: Save

Default value:

Min value: Data type:

Max value: Access level:

OK Cancel

Status: Open



File Tools Help

- Stations
 - Fishermen's Energy Primary (6NB00070)
 - Fishermen's Energy Secondary (6NB00070)
 - PNNL 1 Primary (6NB00120)
 - PNNL 1 Secondary (6NB00120)
 - PNNL 2 Primary (6NB00130)
 - PNNL 2 Secondary (6NB00130)
- Communications
 - Serial - COM11 - (19200,8,None,1,None)
 - Serial - COM9 - (38400,8,None,1,None)
- Notifications
 - Thresholds
 - Watch Circles
 - Inactivity
 - Communications Activity
 - Alerts
- Message Broadcasting
- Communications Relay
- Delayed Messages
- Plug-ins
 - ADCP Data Processor - 1.3.5.18739
 - AIS Data Processor - 1.2.3.17809
 - SMS Auto-Responder - 1.1.12.17839
 - TRIAXYS Data Processor - 1.2.8.16344
 - WindSentinel Data Processor - 1.4.3.18639
- Logging
 - System
 - Raw Communications
 - Station Messages

Configuration Parameters

Configuration Parameters

- PNNL 2 Secondary (6NB00130)
 - [1] Node (9607003644c08fdc)
 - [0] Slot - [0] WatchMan500 Node Manager (3.40.00)
 - [5] Slot - [112] Generic Comms Device Handler (1.07.00)
 - [6] Slot - [1] ADC Input (2.13.00)
 - [9] Slot - [53] YSI Themistor (1.11.00)
 - [12] Slot - [63] Nortek ADCP (1.16.03)
 - [13] Slot - [49] SeaBird CTD Handler (4.18.01)
 - [1] Device Enabled = 1
 - [2] Device View,Log Level = 3,3
 - [3] Use System Sampling Settings = 1
 - [4] Sampling Interval (seconds) = 600
 - [5] Sampling Duration (seconds) = 600
 - [6] Sampling Offset (seconds) = 0
 - [7] Minimum number of averaging elements = 1
 - [8] SeaBird Model = 5
 - [9] Instantaneous Sample Interval (seconds) = 3
 - [10] Number of Device Cycles = 4
 - [11] Reference Pressure (decibar) = 0
 - [12] Latitude of Sensor (deg) = 0
 - [13] Enable Autonomous Mode (37SMP only) = 0
 - [14] Pump Mode (SBE16+ V2 only) = 0
 - [15] Pressure Sensor Type (SBE16+ V2 only) = 0

Complete
 Partial

Parameter Details

Value:

Default value:

Min value: Data type:

Max value: Access level:

Status: Open

Sea Temperature

File Tools Help

- Stations
 - Fishermen's Energy Primary (6NB00070)
 - Fishermen's Energy Secondary (6NB00070)
 - PNNL 1 Primary (6NB00120)
 - PNNL 1 Secondary (6NB00120)
 - PNNL 2 Primary (6NB00130)
 - PNNL 2 Secondary (6NB00130)
- Communications
 - Serial - COM11 - (19200,8,None,1,None)
 - Serial - COM9 - (38400,8,None,1,None)
- Notifications
 - Thresholds
 - Watch Circles
 - Inactivity
 - Communications Activity
 - Alerts
- Message Broadcasting
- Communications Relay
- Delayed Messages
- Plug-ins
 - ADCP Data Processor - 1.3.5.18739
 - AIS Data Processor - 1.2.3.17809
 - SMS Auto-Responder - 1.1.12.17839
 - TRIAXYS Data Processor - 1.2.8.16344
 - WindSentinel Data Processor - 1.4.3.18639
- Logging
 - System
 - Raw Communications
 - Station Messages

Configuration Parameters

Configuration Parameters

- PNNL 2 Secondary (6NB00130)
 - [1] Node (9607003644c08fdc)
 - [0] Slot - [0] WatchMan500 Node Manager (3.40.00)
 - [5] Slot - [112] Generic Comms Device Handler (1.07.00)
 - [6] Slot - [1] ADC Input (2.13.00)
 - [9] Slot - [53] YSI Thermistor (1.11.00)
 - [1] Device Enabled = 1
 - [2] Device View,Log Level = 1,1
 - [3] Use System Sampling Settings = 1
 - [4] Sampling Interval (seconds) = 600
 - [5] Sampling Duration (seconds) = 600
 - [6] Sampling Offset (seconds) = 0
 - [7] Minimum Number Of Averaging Elements = 10
 - [8] Multiplier = 1
 - [9] Offset = 0
 - [10] ADC Buffer Enable = 1
 - [11] DAC Buffer Enable = 1
 - [12] Sensitivity (volts/degree) = -0.0067966
 - [13] Calibration Offset = 0.65107
 - [14] Warm Up Time (sec) = 5
 - [12] Slot - [63] Nortek ADCP (1.16.03)
 - [13] Slot - [49] SeaBird CTD Handler (4.18.01)
 - [15] Slot - [44] Generic Datalogger (1.27.03)

+ - Complete Partial Request Send

Parameter Details

Value: Save

Default value:

Min value: Data type:

Max value: Access level:

OK Cancel

Status: Open

MESSAGES

WM500 Primary – Message 1: MET

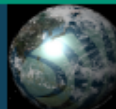
AXYS DMS - localhost (LAT-E5530-BR\AXYS.AXYS DMS)

AXYS TECHNOLOGIES INC.

AXYS DATA MANAGE

2015-10-26 10:40:15 (LOCAL)

2015-10-26 14:40:15 (UTC)



File Tools Help

- Stations
 - Fishermen's Energy Primary (6NB00070)
 - Fishermen's Energy Secondary (6NB00070)
 - PNNL 1 Primary (6NB00120)
 - PNNL 1 Secondary (6NB00120)
 - PNNL 2 Primary (6NB00130)
 - PNNL 2 Secondary (6NB00130)
- Communications
 - Serial - COM11 - (19200,8,None,1,None)
 - Serial - COM9 - (38400,8,None,1,None)
- Notifications
 - Thresholds
 - Watch Circles
 - Inactivity
 - Communications Activity
 - Alerts
- Message Broadcasting
- Communications Relay
- Delayed Messages
- Plug-ins
 - ADCP Data Processor - 1.3.5.18739
 - AIS Data Processor - 1.2.3.17809
 - SMS Auto-Responder - 1.1.12.17839
 - TRIAXYS Data Processor - 1.2.8.16344
 - WindSentinel Data Processor - 1.4.3.188
- Logging
 - System
 - Raw Communications
 - Station Messages

Configure NMEA Messages

Creation Transmission

Number: 1 Creation Interval: 600 seconds
Name: MET Creation Offset: 5 seconds
Sync Date: 2015-10-14 21:52 Format: 1 - DMS
Type: 0 - NMEA Custom Header:
 Enable Timed Messaging

Parameter	Validate	Use Form
[N001S002P004] Latitude	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S002P005] Longitude	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N002S007P004] Average Pressure (mb)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S010P006] Average Air Temperature (C)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S010P008] Average Humidity (%)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S010P007] Average Dew Point (C)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S007P006] Average wind speed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S007P004] Last sampling interval gust s...	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S007P007] Average wind direction	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S008P006] Average wind speed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S008P004] Last sampling interval gust s...	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S006P004] Yaw (deg)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S006P003] Pitch (deg)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S006P002] Roll (deg)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N002S021P004] Water Intrusion Voltage(V)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Request Send

Data Parameters

- PNNL 2 Primary (6NB00130)
 - [1] Node (9607003644c021dc)
 - [0] Slot - [0] WatchMan500 Node Manager (3.40.00)
 - [1] Slot - [158] ISatData Pro Terminal (1.02.03)
 - [2] Slot - [159] GPS Generic (1.09.02)
 - [3] Slot - [34] Iridium Modem (1.19.00)
 - [4] Slot - [105] AIS (1.09.02)
 - [5] Slot - [157] Lantronix Serial-TCP (1.02.03)
 - [6] Slot - [132] 3DM-GX Family (1.04.00)
 - [7] Slot - [17] Pulse Anemometer (4.31.01)
 - [8] Slot - [17] Pulse Anemometer (4.31.01)
 - [9] Slot - [115] Vindicator Laser Wind Sensor Handler (2.00.03)
 - [10] Slot - [14] Analog Humidity and Air Temperature (4.01.00)
 - [11] Slot - [22] TRIAXYS OEM (1.18.02)
 - [13] Slot - [138] CONTROL_Generator_AmplePower (1.11.00)
 - [14] Slot - [1] ADC Input (2.13.00)
 - [15] Slot - [44] Generic Datalogger (1.27.03)
 - [16] Slot - [44] Generic Datalogger (1.27.03)
 - [21] Slot - [41] Binary Message Builder (2.09.01)
 - [22] Slot - [48] Action Script Utility Handler (1.06.00)
 - [25] Slot - [135] WM500 Interface Handler (1.02.01)
 - [27] Slot - [93] Switched Power Timed (1.07.00)
 - [28] Slot - [93] Switched Power Timed (1.07.00)

Add Blank + -

OK Cancel

Status: Closed

WM500 Primary – Message 2: Avg Vindicator Data

AXYS DMS - localhost (LAT-E5530-BR\AXYS.AXYS DMS)

AXYS TECHNOLOGIES INC.

AXYS DATA MANAGE

2015-10-26 10:40:33 (LOCAL)

2015-10-26 14:40:33 (UTC)



File Tools Help

Configure NMEA Messages

Creation Transmission

Number: 2 Creation Interval: 600 seconds
Name: Avg Vindicator Data Creation Offset: 10 seconds
Sync Date: 2015-10-14 21:52 Format: 1 - DMS
Type: 0 - NMEA Custom Header:
 Enable Timed Messaging

Configure Message Logs

Message Fields

Parameter	Validate	Use Form
[N001S009P083] Average Horizontal Wind Sp...	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S009P084] Average Horizontal Wind Sp...	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S009P085] Average Horizontal Wind Sp...	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S009P086] Average Horizontal Wind Sp...	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S009P087] Average Horizontal Wind Sp...	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S009P088] Average Horizontal Wind Sp...	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S009P089] Average Horizontal Wind Dir...	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S009P090] Average Horizontal Wind Dir...	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S009P091] Average Horizontal Wind Dir...	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S009P092] Average Horizontal Wind Dir...	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S009P093] Average Horizontal Wind Dir...	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S009P094] Average Horizontal Wind Dir...	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S009P095] Average Horizontal Wind Gu...	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S009P096] Average Horizontal Wind Gu...	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S009P097] Average Horizontal Wind Gu...	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Request Send

Data Parameters

- PNNL 2 Primary (6NB00130)
 - [1] Node (9607003644c021dc)
 - [0] Slot - [0] WatchMan500 Node Manager (3.40.00)
 - [1] Slot - [158] ISatData Pro Terminal (1.02.03)
 - [2] Slot - [159] GPS Generic (1.09.02)
 - [3] Slot - [34] Iridium Modem (1.19.00)
 - [4] Slot - [105] AIS (1.09.02)
 - [5] Slot - [157] Lantronix Serial-TCP (1.02.03)
 - [6] Slot - [132] 3DM-GX Family (1.04.00)
 - [7] Slot - [17] Pulse Anemometer (4.31.01)
 - [8] Slot - [17] Pulse Anemometer (4.31.01)
 - [9] Slot - [115] Vindicator Laser Wind Sensor Handler (2.00.03)
 - [10] Slot - [14] Analog Humidity and Air Temperature (4.01.00)
 - [11] Slot - [22] TRIAXYS OEM (1.18.02)
 - [13] Slot - [138] CONTROL_Generator_AmplePower (1.11.00)
 - [14] Slot - [1] ADC Input (2.13.00)
 - [15] Slot - [44] Generic Datalogger (1.27.03)
 - [16] Slot - [44] Generic Datalogger (1.27.03)
 - [21] Slot - [41] Binary Message Builder (2.09.01)
 - [22] Slot - [48] Action Script Utility Handler (1.06.00)
 - [25] Slot - [135] WM500 Interface Handler (1.02.01)
 - [27] Slot - [93] Switched Power Timed (1.07.00)
 - [28] Slot - [93] Switched Power Timed (1.07.00)

Add Blank + -

OK Cancel

- Stations
 - Fishermen's Energy Primary (6NB00070)
 - Fishermen's Energy Secondary (6NB00070)
 - PNNL 1 Primary (6NB00120)
 - PNNL 1 Secondary (6NB00120)
 - PNNL 2 Primary (6NB00130)
 - PNNL 2 Secondary (6NB00130)
- Communications
 - Serial - COM11 - (19200,8,None,1,None)
 - Serial - COM9 - (38400,8,None,1,None)
- Notifications
 - Thresholds
 - Watch Circles
 - Inactivity
 - Communications Activity
 - Alerts
- Message Broadcasting
- Communications Relay
- Delayed Messages
- Plug-ins
 - ADCP Data Processor - 1.3.5.18739
 - AIS Data Processor - 1.2.3.17809
 - SMS Auto-Responder - 1.1.12.17839
 - TRIAXYS Data Processor - 1.2.8.16344
 - WindSentinel Data Processor - 1.4.3.188
- Logging
 - System
 - Raw Communications
 - Station Messages

Status: Closed

WM500 Primary – Message 3: Status

AXYS DMS - localhost (LAT-E5530-BR\AXYS.AXYS.DMS)

AXYS TECHNOLOGIES INC.

AXYS DATA MANAGE

2015-10-26 10:40:49 (LOCAL)

2015-10-26 14:40:49 (UTC)



File Tools Help

Configure NMEA Messages

Creation Transmission

Number: 3 Creation Interval: 600 seconds
Name: Status Creation Offset: 15 seconds
Sync Date: 2015-10-14 21:52 Format: 1 - DMS
Type: 0 - NMEA Custom Header: Enable Timed Messaging

Configure Message Logs

Parameter	Validate	Use Form
[N001S000P030] Minimum system voltage (V)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S000P055] Average Node Voltage	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S000P019] PCB Temperature (deg C)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N002S000P019] PCB Temperature (deg C)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S000P007] Current Boot Timestamp	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N002S000P007] Current Boot Timestamp	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S000P008] Number of Resets	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N002S000P008] Number of Resets	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S000P041] Min Services Per Second	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N002S000P041] Min Services Per Second	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S000P042] Average Services Per Second	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N002S000P042] Average Services Per Second	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S000P034] Shutdown Type	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N002S000P034] Shutdown Type	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S015P009] Error count	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Request Send

Data Parameters

- PNNL 2 Primary (6NB00130)
 - [1] Node (9607003644c021dc)
 - [0] Slot - [0] WatchMan500 Node Manager (3.40.00)
 - [1] Slot - [158] ISatData Pro Terminal (1.02.03)
 - [2] Slot - [159] GPS Generic (1.09.02)
 - [3] Slot - [34] Iridium Modem (1.19.00)
 - [4] Slot - [105] AIS (1.09.02)
 - [5] Slot - [157] Lantronix Serial-TCP (1.02.03)
 - [6] Slot - [132] 3DM-GX Family (1.04.00)
 - [7] Slot - [17] Pulse Anemometer (4.31.01)
 - [8] Slot - [17] Pulse Anemometer (4.31.01)
 - [9] Slot - [115] Vindicator Laser Wind Sensor Handler (2.00.03)
 - [10] Slot - [14] Analog Humidity and Air Temperature (4.01.00)
 - [11] Slot - [22] TRIAXYS OEM (1.18.02)
 - [13] Slot - [138] CONTROL_Generator_AmplePower (1.11.00)
 - [14] Slot - [1] ADC Input (2.13.00)
 - [15] Slot - [44] Generic Datalogger (1.27.03)
 - [16] Slot - [44] Generic Datalogger (1.27.03)
 - [21] Slot - [41] Binary Message Builder (2.09.01)
 - [22] Slot - [48] Action Script Utility Handler (1.06.00)
 - [25] Slot - [135] WM500 Interface Handler (1.02.01)
 - [27] Slot - [93] Switched Power Timed (1.07.00)
 - [28] Slot - [93] Switched Power Timed (1.07.00)

Add Blank + -

OK Cancel

- Stations
 - Fishermen's Energy Primary (6NB00070)
 - Fishermen's Energy Secondary (6NB00070)
 - PNNL 1 Primary (6NB00120)
 - PNNL 1 Secondary (6NB00120)
 - PNNL 2 Primary (6NB00130)
 - PNNL 2 Secondary (6NB00130)
- Communications
 - Serial - COM11 - (19200,8,None,1,None)
 - Serial - COM9 - (38400,8,None,1,None)
- Notifications
 - Thresholds
 - Watch Circles
 - Inactivity
 - Communications Activity
 - Alerts
- Message Broadcasting
- Communications Relay
- Delayed Messages
- Plug-ins
 - ADCP Data Processor - 1.3.5.18739
 - AIS Data Processor - 1.2.3.17809
 - SMS Auto-Responder - 1.1.12.17839
 - TRIAXYS Data Processor - 1.2.8.16344
 - WindSentinel Data Processor - 1.4.3.188
- Logging
 - System
 - Raw Communications
 - Station Messages

Status: Closed

WM500 Primary – Message 4: Net Power Stats

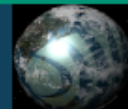
AXYS DMS - localhost (LAT-E5530-BR\AXYS.AXYS.DMS)

AXYS TECHNOLOGIES INC.

AXYS DATA MANAGER

2015-10-26 10:41:35 (LOCAL)

2015-10-26 14:41:35 (UTC)



File Tools Help

- Stations
 - Fishermen's Energy Primary (6NB00070)
 - Fishermen's Energy Secondary (6NB00070)
 - PNNL 1 Primary (6NB00120)
 - PNNL 1 Secondary (6NB00120)
 - PNNL 2 Primary (6NB00130)
 - PNNL 2 Secondary (6NB00130)
- Communications
 - Serial - COM11 - (19200,8,None,1,None)
 - Serial - COM9 - (38400,8,None,1,None)
- Notifications
 - Thresholds
 - Watch Circles
 - Inactivity
 - Communications Activity
 - Alerts
- Message Broadcasting
- Communications Relay
- Delayed Messages
- Plug-ins
 - ADCP Data Processor - 1.3.5.18739
 - AIS Data Processor - 1.2.3.17809
 - SMS Auto-Responder - 1.1.12.17839
 - TRIAXYS Data Processor - 1.2.8.16344
 - WindSentinel Data Processor - 1.4.3.188
- Logging
 - System
 - Raw Communications
 - Station Messages

Configure NMEA Messages

Creation Transmission

Number: 4 Creation Interval: 600 seconds
Name: Net Power Stats Creation Offset: 20 seconds
Sync Date: 2015-10-14 21:52 Format: 1 - DMS
Type: 0 - NMEA Custom Header:
 Enable Timed Messaging

Parameter	Validate	Use Format
[N002S039P002] Average Battery Voltage	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N002S039P003] Min Battery Voltage	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N002S039P012] Net Wh/day Estimate	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N002S039P009] Net Average Power (W)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Message Fields

Data Parameters

- PNNL 2 Primary (6NB00130)
 - [1] Node (9607003644c021dc)
 - [0] Slot - [0] WatchMan500 Node Manager (3.40.00)
 - [1] Slot - [158] ISatData Pro Terminal (1.02.03)
 - [2] Slot - [159] GPS Generic (1.09.02)
 - [3] Slot - [34] Iridium Modem (1.19.00)
 - [4] Slot - [105] AIS (1.09.02)
 - [5] Slot - [157] Lantronix Serial-TCP (1.02.03)
 - [6] Slot - [132] 3DM-GX Family (1.04.00)
 - [7] Slot - [17] Pulse Anemometer (4.31.01)
 - [8] Slot - [17] Pulse Anemometer (4.31.01)
 - [9] Slot - [115] Vindicator Laser Wind Sensor Handler (2.00.03)
 - [10] Slot - [14] Analog Humidity and Air Temperature (4.01.00)
 - [11] Slot - [22] TRIAXYS OEM (1.18.02)
 - [13] Slot - [138] CONTROL_Generator_AmplePower (1.11.00)
 - [14] Slot - [1] ADC Input (2.13.00)
 - [15] Slot - [44] Generic Datalogger (1.27.03)
 - [16] Slot - [44] Generic Datalogger (1.27.03)
 - [21] Slot - [41] Binary Message Builder (2.09.01)
 - [22] Slot - [48] Action Script Utility Handler (1.06.00)
 - [25] Slot - [135] WM500 Interface Handler (1.02.01)
 - [27] Slot - [93] Switched Power Timed (1.07.00)
 - [28] Slot - [93] Switched Power Timed (1.07.00)

Status: Closed

Send:



WM500 Primary – Message 5: Wave Statistics

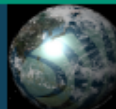
AXYS DMS - localhost (LAT-E5530-BR\AXYS.AXYS DMS)

AXYS TECHNOLOGIES INC.

AXYS DATA MANAGE

2015-10-26 10:41:54 (LOCAL)

2015-10-26 14:41:54 (UTC)



File Tools Help

- Stations
 - Fishermen's Energy Primary (6NB00070)
 - Fishermen's Energy Secondary (6NB00070)
 - PNNL 1 Primary (6NB00120)
 - PNNL 1 Secondary (6NB00120)
 - PNNL 2 Primary (6NB00130)
 - PNNL 2 Secondary (6NB00130)
- Communications
 - Serial - COM11 - (19200,8,None,1,None)
 - Serial - COM9 - (38400,8,None,1,None)
- Notifications
 - Thresholds
 - Watch Circles
 - Inactivity
 - Communications Activity
 - Alerts
- Message Broadcasting
- Communications Relay
- Delayed Messages
- Plug-ins
 - ADCP Data Processor - 1.3.5.18739
 - AIS Data Processor - 1.2.3.17809
 - SMS Auto-Responder - 1.1.12.17839
 - TRIAXYS Data Processor - 1.2.8.16344
 - WindSentinel Data Processor - 1.4.3.188
- Logging
 - System
 - Raw Communications
 - Station Messages

Configure NMEA Messages

Creation: Transmission

Number:

Name:

Sync Date:

Type:

Creation Interval: seconds

Creation Offset: seconds

Format:

Custom Header:

Enable Timed Messaging

Message Fields

Parameter	Validate	Use Format
[N001S011P009] Hsig - Significant Wave Heig...	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S011P008] Hmax - Maximum Wave Hei...	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S011P014] TP - Peak Period (seconds)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S011P017] Mean Wave Direction (deg)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S011P018] Mean Spread (deg)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S011P010] Tsig - Significant Period (sec...	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S011P006] HAvg - Average Wave Heig...	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S011P007] Tz-mean spectral period (sec...	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S011P011] H10 - Highest 10th of Wave...	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S011P012] T10 - Average Period of Hig...	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S011P013] TAVg - Average Wave Perio...	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S011P015] Tp5 - Peak Period Read Met...	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S011P016] HMO - Significant Wave Hei...	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S011P005] ZCN - Number of Zero Crossi...	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Data Parameters

- [-] PNNL 2 Primary (6NB00130)
 - [+] [1] Node (9607003644c021dc)
 - [+] [0] Slot - [0] WatchMan500 Node Manager (3.40.00)
 - [+] [1] Slot - [158] ISatData Pro Terminal (1.02.03)
 - [+] [2] Slot - [159] GPS Generic (1.09.02)
 - [+] [3] Slot - [34] Iridium Modem (1.19.00)
 - [+] [4] Slot - [105] AIS (1.09.02)
 - [+] [5] Slot - [157] Lantronix Serial-TCP (1.02.03)
 - [+] [6] Slot - [132] 3DM-GX Family (1.04.00)
 - [+] [7] Slot - [17] Pulse Anemometer (4.31.01)
 - [+] [8] Slot - [17] Pulse Anemometer (4.31.01)
 - [+] [9] Slot - [115] Vindicator Laser Wind Sensor Handler (2.00.03)
 - [+] [10] Slot - [14] Analog Humidity and Air Temperature (4.01.00)
 - [+] [11] Slot - [22] TRIAXYS OEM (1.18.02)
 - [+] [13] Slot - [138] CONTROL_Generator_AmplePower (1.11.00)
 - [+] [14] Slot - [1] ADC Input (2.13.00)
 - [+] [15] Slot - [44] Generic Datalogger (1.27.03)
 - [+] [16] Slot - [44] Generic Datalogger (1.27.03)
 - [+] [21] Slot - [41] Binary Message Builder (2.09.01)
 - [+] [22] Slot - [48] Action Script Utility Handler (1.06.00)
 - [+] [25] Slot - [135] WM500 Interface Handler (1.02.01)
 - [+] [27] Slot - [93] Switched Power Timed (1.07.00)
 - [+] [28] Slot - [93] Switched Power Timed (1.07.00)

Status: Closed

WM500 Primary – Message 6: Binary Vindicator Data

AXYS DMS - localhost (LAT-E5530-BR\AXYS.AXYS.DMS)

AXYS TECHNOLOGIES INC.

AXYS DATA MANAGER

2015-10-26 10:42:11 (LOCAL)
2015-10-26 14:42:11 (UTC)



File Tools Help

Configure NMEA Messages

Creation Transmission

Number: 6 Creation Interval: 1 seconds
Name: Binary Vindicator Data Creation Offset: 1 seconds
Sync Date: 2015-10-14 21:52 Format: 1 - DMS
Type: 0 - NMEA Custom Header: Enable Timed Messaging

Configure Message Logs

Parameter	Validate	Use Format
[N001S009P001] MODBUS Binary Data	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Message Fields

Data Parameters

- PNNL 2 Primary (6NB00130)
 - [1] Node (9607003644c021dc)
 - [0] Slot - [0] WatchMan500 Node Manager (3.40.00)
 - [1] Slot - [158] ISatData Pro Terminal (1.02.03)
 - [2] Slot - [159] GPS Generic (1.09.02)
 - [3] Slot - [34] Iridium Modem (1.19.00)
 - [4] Slot - [105] AIS (1.09.02)
 - [5] Slot - [157] Lantronix Serial-TCP (1.02.03)
 - [6] Slot - [132] 3DM-GX Family (1.04.00)
 - [7] Slot - [17] Pulse Anemometer (4.31.01)
 - [8] Slot - [17] Pulse Anemometer (4.31.01)
 - [9] Slot - [115] Vindicator Laser Wind Sensor Handler (2.00.03)
 - [10] Slot - [14] Analog Humidity and Air Temperature (4.01.00)
 - [11] Slot - [22] TRIAXYS OEM (1.18.02)
 - [13] Slot - [138] CONTROL_Generator_AmplePower (1.11.00)
 - [14] Slot - [1] ADC Input (2.13.00)
 - [15] Slot - [44] Generic Datalogger (1.27.03)
 - [16] Slot - [44] Generic Datalogger (1.27.03)
 - [21] Slot - [41] Binary Message Builder (2.09.01)
 - [22] Slot - [48] Action Script Utility Handler (1.06.00)
 - [25] Slot - [135] WM500 Interface Handler (1.02.01)
 - [27] Slot - [93] Switched Power Timed (1.07.00)
 - [28] Slot - [93] Switched Power Timed (1.07.00)

Request Send Add Blank OK Cancel

- Stations
 - Fishermen's Energy Primary (6NB00070)
 - Fishermen's Energy Secondary (6NB00070)
 - PNNL 1 Primary (6NB00120)
 - PNNL 1 Secondary (6NB00120)
 - PNNL 2 Primary (6NB00130)
 - PNNL 2 Secondary (6NB00130)
- Communications
 - Serial - COM11 - (19200,8,None,1,None)
 - Serial - COM9 - (38400,8,None,1,None)
- Notifications
 - Thresholds
 - Watch Circles
 - Inactivity
 - Communications Activity
 - Alerts
- Message Broadcasting
- Communications Relay
- Delayed Messages
- Plug-ins
 - ADCP Data Processor - 1.3.5.18739
 - AIS Data Processor - 1.2.3.17809
 - SMS Auto-Responder - 1.1.12.17839
 - TRIAXYS Data Processor - 1.2.8.16344
 - WindSentinel Data Processor - 1.4.3.188
- Logging
 - System
 - Raw Communications
 - Station Messages

Status: Closed

WM500 Primary – Message 7: 1 sec Data

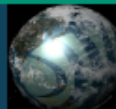
AXYS DMS - localhost (LAT-E5530-BR\AXYS.AXYS DMS)

AXYS TECHNOLOGIES INC.

AXYS DATA MANAGE

2015-10-26 10:42:28 (LOCAL)

2015-10-26 14:42:28 (UTC)



File Tools Help

Configure NMEA Messages

Creation Transmission

Number: 7 Creation Interval: 1 seconds
 Name: 1 sec Data Creation Offset: 0 seconds
 Sync Date: 2015-10-16 17:25 Format: 1 - DMS
 Type: 0 - NMEA Custom Header: Enable Timed Messaging

Configure Message Logs

Parameter	Validate	Use Format
[N001S007P003] Current wind direction	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S007P002] Current wind speed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S008P002] Current wind speed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S010P002] Instantaneous Air Temp (C)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S010P004] Instantaneous Humidity (%)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S006P004] Yaw (deg)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S006P003] Pitch (deg)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S006P002] Roll (deg)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S000P040] Instantaneous Services Per ...	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S015P009] Error count	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S000P052] Log Error Count	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S000P063] Log Manager Buffer Free Sp...	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Request Send

Data Parameters

- PNNL 2 Primary (6NB00130)
 - [1] Node (9607003644c021dc)
 - [0] Slot - [0] WatchMan500 Node Manager (3.40.00)
 - [1] Slot - [158] ISatData Pro Terminal (1.02.03)
 - [2] Slot - [159] GPS Generic (1.09.02)
 - [3] Slot - [34] Iridium Modem (1.19.00)
 - [4] Slot - [105] AIS (1.09.02)
 - [5] Slot - [157] Lantronix Serial-TCP (1.02.03)
 - [6] Slot - [132] 3DM-GX Family (1.04.00)
 - [7] Slot - [17] Pulse Anemometer (4.31.01)
 - [8] Slot - [17] Pulse Anemometer (4.31.01)
 - [9] Slot - [115] Vindicator Laser Wind Sensor Handler (2.00.03)
 - [10] Slot - [14] Analog Humidity and Air Temperature (4.01.00)
 - [11] Slot - [22] TRIAXYS OEM (1.18.02)
 - [13] Slot - [138] CONTROL_Generator_AmplePower (1.11.00)
 - [14] Slot - [1] ADC Input (2.13.00)
 - [15] Slot - [44] Generic Datalogger (1.27.03)
 - [16] Slot - [44] Generic Datalogger (1.27.03)
 - [21] Slot - [41] Binary Message Builder (2.09.01)
 - [22] Slot - [48] Action Script Utility Handler (1.06.00)
 - [25] Slot - [135] WM500 Interface Handler (1.02.01)
 - [27] Slot - [93] Switched Power Timed (1.07.00)
 - [28] Slot - [93] Switched Power Timed (1.07.00)

Add Blank

OK Cancel

- Stations
 - Fishermen's Energy Primary (6NB00070)
 - Fishermen's Energy Secondary (6NB00070)
 - PNNL 1 Primary (6NB00120)
 - PNNL 1 Secondary (6NB00120)
 - PNNL 2 Primary (6NB00130)
 - PNNL 2 Secondary (6NB00130)
- Communications
 - Serial - COM11 - (19200,8,None,1,None)
 - Serial - COM9 - (38400,8,None,1,None)
- Notifications
 - Thresholds
 - Watch Circles
 - Inactivity
 - Communications Activity
 - Alerts
- Message Broadcasting
- Communications Relay
- Delayed Messages
- Plug-ins
 - ADCP Data Processor - 1.3.5.18739
 - AIS Data Processor - 1.2.3.17809
 - SMS Auto-Responder - 1.1.12.17839
 - TRIAXYS Data Processor - 1.2.8.16344
 - WindSentinel Data Processor - 1.4.3.188
- Logging
 - System
 - Raw Communications
 - Station Messages

Status: Closed

WM500 Primary – Message 8: IDP/Iridium 30min Primary

AXYS DMS - localhost (LAT-E5530-BR\AXYS.AXYS DMS)

AXYS TECHNOLOGIES INC.

AXYS DATA MANAGER

2015-10-26 10:42:46 (LOCAL)

2015-10-26 14:42:46 (UTC)



File Tools Help

Configure NMEA Messages

Creation Transmission

Number: 8 Creation Interval: 1200 seconds
Name: IDP/Iridium 30min Primary Creation Offset: 300 seconds
Sync Date: 2015-10-14 21:52 Format: 1 - DMS
Type: 0 - NMEA Custom Header: Enable Timed Messaging

Configure Message Logs

Message Fields

Parameter	Validate	Use Format
[N001S011P009] Hsig - Significant Wave Heig...	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S011P008] Hmax - Maximum Wave Hei...	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S011P014] TP - Peak Period (seconds)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S011P017] Mean Wave Direction (deg)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S011P018] Mean Spread (deg)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S011P043] OEM CF Error Count	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S011P058] OEM SPI Error Count	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S011P059] OEM SPI Failure Count	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N002S021P004] Water Intrusion Voltage(V)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N002S022P004] Water Intrusion Voltage(V)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N002S023P004] Water Intrusion Voltage(V)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N002S024P004] Water Intrusion Voltage(V)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Request Send

Data Parameters

- PNNL 2 Primary (6NB00130)
 - [1] Node (9607003644c021dc)
 - [0] Slot - [0] WatchMan500 Node Manager (3.40.00)
 - [1] Slot - [158] ISatData Pro Terminal (1.02.03)
 - [2] Slot - [159] GPS Generic (1.09.02)
 - [3] Slot - [34] Iridium Modem (1.19.00)
 - [4] Slot - [105] AIS (1.09.02)
 - [5] Slot - [157] Lantronix Serial-TCP (1.02.03)
 - [6] Slot - [132] 3DM-GX Family (1.04.00)
 - [7] Slot - [17] Pulse Anemometer (4.31.01)
 - [8] Slot - [17] Pulse Anemometer (4.31.01)
 - [9] Slot - [115] Vindicator Laser Wind Sensor Handler (2.00.03)
 - [10] Slot - [14] Analog Humidity and Air Temperature (4.01.00)
 - [11] Slot - [22] TRIAXYS OEM (1.18.02)
 - [13] Slot - [138] CONTROL_Generator_AmplePower (1.11.00)
 - [14] Slot - [1] ADC Input (2.13.00)
 - [15] Slot - [44] Generic Datalogger (1.27.03)
 - [16] Slot - [44] Generic Datalogger (1.27.03)
 - [21] Slot - [41] Binary Message Builder (2.09.01)
 - [22] Slot - [48] Action Script Utility Handler (1.06.00)
 - [25] Slot - [135] WM500 Interface Handler (1.02.01)
 - [27] Slot - [93] Switched Power Timed (1.07.00)
 - [28] Slot - [93] Switched Power Timed (1.07.00)

Add Blank

OK Cancel

- Stations
 - Fishermen's Energy Primary (6NB00070)
 - Fishermen's Energy Secondary (6NB00070)
 - PNNL 1 Primary (6NB00120)
 - PNNL 1 Secondary (6NB00120)
 - PNNL 2 Primary (6NB00130)
 - PNNL 2 Secondary (6NB00130)
- Communications
 - Serial - COM11 - (19200,8,None,1,None)
 - Serial - COM9 - (38400,8,None,1,None)
- Notifications
 - Thresholds
 - Watch Circles
 - Inactivity
 - Communications Activity
 - Alerts
- Message Broadcasting
- Communications Relay
- Delayed Messages
- Plug-ins
 - ADCP Data Processor - 1.3.5.18739
 - AIS Data Processor - 1.2.3.17809
 - SMS Auto-Responder - 1.1.12.17839
 - TRIAXYS Data Processor - 1.2.8.16344
 - WindSentinel Data Processor - 1.4.3.188
- Logging
 - System
 - Raw Communications
 - Station Messages

Status: Closed

WM500 Primary – Message 9: IDP/Iridium 1hr Secondary

AXYS DMS - localhost (LAT-E5530-BR\AXYS.AXYS DMS)

AXYS TECHNOLOGIES INC.

AXYS DATA MANAGE

2015-10-26 10:43:02 (LOCAL)

2015-10-26 14:43:02 (UTC)



File Tools Help

Configure NMEA Messages

Creation Transmission

Number: 9 Creation Interval: 3600 seconds
Name: IDP/Iridium 1hr Secondary Creation Offset: 40 seconds
Sync Date: 2015-10-14 21:52 Format: 8 - No header or checksum
Type: 0 - NMEA Custom Header: Enable Timed Messaging

Configure Message Logs

Parameter	Validate	Use Format
[N001S025P003] Message 2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Message Fields

Data Parameters

- PNNL 2 Primary (6NB00130)
 - [1] Node (9607003644c021dc)
 - [0] Slot - [0] WatchMan500 Node Manager (3.40.00)
 - [1] Slot - [158] ISatData Pro Terminal (1.02.03)
 - [2] Slot - [159] GPS Generic (1.09.02)
 - [3] Slot - [34] Iridium Modem (1.19.00)
 - [4] Slot - [105] AIS (1.09.02)
 - [5] Slot - [157] Lantronix Serial-TCP (1.02.03)
 - [6] Slot - [132] 3DM-GX Family (1.04.00)
 - [7] Slot - [17] Pulse Anemometer (4.31.01)
 - [8] Slot - [17] Pulse Anemometer (4.31.01)
 - [9] Slot - [115] Vindicator Laser Wind Sensor Handler (2.00.03)
 - [10] Slot - [14] Analog Humidity and Air Temperature (4.01.00)
 - [11] Slot - [22] TRIAXYS OEM (1.18.02)
 - [13] Slot - [138] CONTROL_Generator_AmplePower (1.11.00)
 - [14] Slot - [1] ADC Input (2.13.00)
 - [15] Slot - [44] Generic Datalogger (1.27.03)
 - [16] Slot - [44] Generic Datalogger (1.27.03)
 - [21] Slot - [41] Binary Message Builder (2.09.01)
 - [22] Slot - [48] Action Script Utility Handler (1.06.00)
 - [25] Slot - [135] WM500 Interface Handler (1.02.01)
 - [27] Slot - [93] Switched Power Timed (1.07.00)
 - [28] Slot - [93] Switched Power Timed (1.07.00)

Request Send

Add Blank + -

OK Cancel

- Stations
 - Fishermen's Energy Primary (6NB00070)
 - Fishermen's Energy Secondary (6NB00070)
 - PNNL 1 Primary (6NB00120)
 - PNNL 1 Secondary (6NB00120)
 - PNNL 2 Primary (6NB00130)
 - PNNL 2 Secondary (6NB00130)
- Communications
 - Serial - COM11 - (19200,8,None,1,None)
 - Serial - COM9 - (38400,8,None,1,None)
- Notifications
 - Thresholds
 - Watch Circles
 - Inactivity
 - Communications Activity
 - Alerts
- Message Broadcasting
- Communications Relay
- Delayed Messages
- Plug-ins
 - ADCP Data Processor - 1.3.5.18739
 - AIS Data Processor - 1.2.3.17809
 - SMS Auto-Responder - 1.1.12.17839
 - TRIAXYS Data Processor - 1.2.8.16344
 - WindSentinel Data Processor - 1.4.3.188
- Logging
 - System
 - Raw Communications
 - Station Messages

Status: Closed

Send:

WM500 Primary – Message 10: Off Position

AXYS DMS - localhost (LAT-E5530-BR\AXYS.AXYS DMS)

AXYS TECHNOLOGIES INC.

AXYS DATA MANAGE

2015-10-26 10:43:17 (LOCAL)

2015-10-26 14:43:17 (UTC)



File Tools Help

- Stations
 - Fishermen's Energy Primary (6NB00070)
 - Fishermen's Energy Secondary (6NB00070)
 - PNNL 1 Primary (6NB00120)
 - PNNL 1 Secondary (6NB00120)
 - PNNL 2 Primary (6NB00130)
 - PNNL 2 Secondary (6NB00130)
- Communications
 - Serial - COM11 - (19200,8,None,1,None)
 - Serial - COM9 - (38400,8,None,1,None)
- Notifications
 - Thresholds
 - Watch Circles
 - Inactivity
 - Communications Activity
 - Alerts
- Message Broadcasting
- Communications Relay
- Delayed Messages
- Plug-ins
 - ADCP Data Processor - 1.3.5.18739
 - AIS Data Processor - 1.2.3.17809
 - SMS Auto-Responder - 1.1.12.17839
 - TRIAXYS Data Processor - 1.2.8.16344
 - WindSentinel Data Processor - 1.4.3.188
- Logging
 - System
 - Raw Communications
 - Station Messages

Configure NMEA Messages

Creation Transmission

Number: 10 Creation Interval: 86400 seconds
Name: Off Position Creation Offset: 600 seconds
Sync Date: 2015-10-14 21:52 Format: 1 - DMS
Type: 0 - NMEA Custom Header:
 Enable Timed Messaging

Parameter	Validate	Use Format
[N001S002P004] Latitude	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S002P005] Longitude	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S002P019] Watchcircle Status (0-off po...	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N002S039P002] Average Battery Voltage	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N002S021P004] Water Intrusion Voltage(V)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N002S022P004] Water Intrusion Voltage(V)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N002S023P004] Water Intrusion Voltage(V)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N002S024P004] Water Intrusion Voltage(V)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Request Send

Data Parameters

- PNNL 2 Primary (6NB00130)
 - [1] Node (9607003644c021dc)
 - [0] Slot - [0] WatchMan500 Node Manager (3.40.00)
 - [1] Slot - [158] ISatData Pro Terminal (1.02.03)
 - [2] Slot - [159] GPS Generic (1.09.02)
 - [3] Slot - [34] Iridium Modem (1.19.00)
 - [4] Slot - [105] AIS (1.09.02)
 - [5] Slot - [157] Lantronix Serial-TCP (1.02.03)
 - [6] Slot - [132] 3DM-GX Family (1.04.00)
 - [7] Slot - [17] Pulse Anemometer (4.31.01)
 - [8] Slot - [17] Pulse Anemometer (4.31.01)
 - [9] Slot - [115] Vindicator Laser Wind Sensor Handler (2.00.03)
 - [10] Slot - [14] Analog Humidity and Air Temperature (4.01.00)
 - [11] Slot - [22] TRIAXYS OEM (1.18.02)
 - [13] Slot - [138] CONTROL_Generator_AmplePower (1.11.00)
 - [14] Slot - [1] ADC Input (2.13.00)
 - [15] Slot - [44] Generic Datalogger (1.27.03)
 - [16] Slot - [44] Generic Datalogger (1.27.03)
 - [21] Slot - [41] Binary Message Builder (2.09.01)
 - [22] Slot - [48] Action Script Utility Handler (1.06.00)
 - [25] Slot - [135] WM500 Interface Handler (1.02.01)
 - [27] Slot - [93] Switched Power Timed (1.07.00)
 - [28] Slot - [93] Switched Power Timed (1.07.00)

Add Blank

OK Cancel

Status: Closed

Send:



WM500 Primary – Message 11: Generator

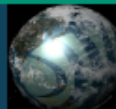
AXYS DMS - localhost (LAT-E5530-BR\AXYS.AXYS DMS)

AXYS TECHNOLOGIES INC.

AXYS DATA MANAGE

2015-10-26 10:43:32 (LOCAL)

2015-10-26 14:43:32 (UTC)



File Tools Help

- Stations
 - Fishermen's Energy Primary (6NB00070)
 - Fishermen's Energy Secondary (6NB00070)
 - PNNL 1 Primary (6NB00120)
 - PNNL 1 Secondary (6NB00120)
 - PNNL 2 Primary (6NB00130)
 - PNNL 2 Secondary (6NB00130)
- Communications
 - Serial - COM11 - (19200,8,None,1,None)
 - Serial - COM9 - (38400,8,None,1,None)
- Notifications
 - Thresholds
 - Watch Circles
 - Inactivity
 - Communications Activity
 - Alerts
- Message Broadcasting
- Communications Relay
- Delayed Messages
- Plug-ins
 - ADCP Data Processor - 1.3.5.18739
 - AIS Data Processor - 1.2.3.17809
 - SMS Auto-Responder - 1.1.12.17839
 - TRIAXYS Data Processor - 1.2.8.16344
 - WindSentinel Data Processor - 1.4.3.188
- Logging
 - System
 - Raw Communications
 - Station Messages

Configure NMEA Messages

Creation Transmission

Number: 11 Creation Interval: 60 seconds
Name: Generator Creation Offset: 25 seconds
Sync Date: 2015-10-14 21:52 Format: 1 - DMS
Type: 0 - NMEA Custom Header:
 Enable Timed Messaging

Parameter	Validate	Use Form
[N001S013P001] Battery 1 Amp Hours Consumed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S013P002] Battery 1 Amp Hours Returned	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S013P003] Battery 1 Percent Remaining	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S013P004] Battery 1 Charge State	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S013P006] Battery 1 Status	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S013P007] Battery 1 Average 1sec Temperature	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S013P008] Battery 1 Average 1sec Voltage	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S013P009] Battery 1 Average 1sec Amperage	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S013P010] Battery 2 Average 1sec Voltage	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S013P011] Battery 2 and Auxiliary Status	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S013P012] Regulator Charge State	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S013P014] Regulator Status	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S013P015] Alternator Output Amps (A)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S013P016] Engine Failure	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S013P017] Engine Operating Hours	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

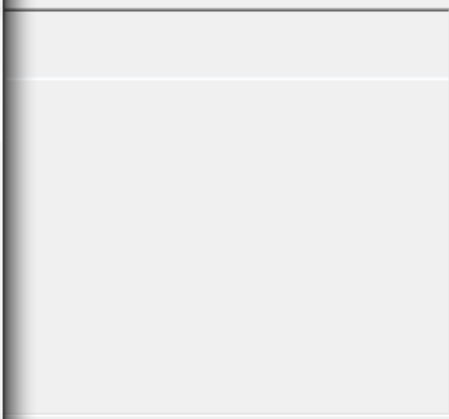
Request Send

Data Parameters

- PNNL 2 Primary (6NB00130)
 - [1] Node (9607003644c021dc)
 - [0] Slot - [0] WatchMan500 Node Manager (3.40.00)
 - [1] Slot - [158] ISatData Pro Terminal (1.02.03)
 - [2] Slot - [159] GPS Generic (1.09.02)
 - [3] Slot - [34] Iridium Modem (1.19.00)
 - [4] Slot - [105] AIS (1.09.02)
 - [5] Slot - [157] Lantronix Serial-TCP (1.02.03)
 - [6] Slot - [132] 3DM-GX Family (1.04.00)
 - [7] Slot - [17] Pulse Anemometer (4.31.01)
 - [8] Slot - [17] Pulse Anemometer (4.31.01)
 - [9] Slot - [115] Vindicator Laser Wind Sensor Handler (2.00.03)
 - [10] Slot - [14] Analog Humidity and Air Temperature (4.01.00)
 - [11] Slot - [22] TRIAXYS OEM (1.18.02)
 - [13] Slot - [138] CONTROL_Generator_AmplePower (1.11.00)
 - [14] Slot - [1] ADC Input (2.13.00)
 - [15] Slot - [44] Generic Datalogger (1.27.03)
 - [16] Slot - [44] Generic Datalogger (1.27.03)
 - [21] Slot - [41] Binary Message Builder (2.09.01)
 - [22] Slot - [48] Action Script Utility Handler (1.06.00)
 - [25] Slot - [135] WM500 Interface Handler (1.02.01)
 - [27] Slot - [93] Switched Power Timed (1.07.00)
 - [28] Slot - [93] Switched Power Timed (1.07.00)

Add Blank + -

OK Cancel



Status: Closed

WM500 Primary – Message 12: Turbine 1 and Battery Chg Amm

AXYS DMS - localhost (LAT-E5530-BR\AXYS.AXYS.DMS)

AXYS TECHNOLOGIES INC.

AXYS DATA MANAGE

2015-10-26 10:43:50 (LOCAL)

2015-10-26 14:43:50 (UTC)



File Tools Help

Configure NMEA Messages

Creation Transmission

Number: 12 Creation Interval: 600 seconds
Name: Turbine 1 and Battery Chg Amm Creation Offset: 30 seconds
Sync Date: 2015-10-14 21:52 Format: 1 - DMS
Type: 0 - NMEA Custom Header: Enable Timed Messaging

Configure Message Logs

Message Fields

Parameter	Validate	Use Format
[N002S039P020] Sense 1 Average Power (W)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N002S039P022] Sense 1 Max Power (W)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N002S039P023] Sense 1 Wh/day Estimate	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N002S039P060] Sense 5 Average Power (W)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N002S039P062] Sense 5 Max Power (W)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N002S039P063] Sense 5 Wh/day Estimate	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Request Send

Data Parameters

- PNNL 2 Primary (6NB00130)
 - [1] Node (9607003644c021dc)
 - [0] Slot - [0] WatchMan500 Node Manager (3.40.00)
 - [1] Slot - [158] ISatData Pro Terminal (1.02.03)
 - [2] Slot - [159] GPS Generic (1.09.02)
 - [3] Slot - [34] Iridium Modem (1.19.00)
 - [4] Slot - [105] AIS (1.09.02)
 - [5] Slot - [157] Lantronix Serial-TCP (1.02.03)
 - [6] Slot - [132] 3DM-GX Family (1.04.00)
 - [7] Slot - [17] Pulse Anemometer (4.31.01)
 - [8] Slot - [17] Pulse Anemometer (4.31.01)
 - [9] Slot - [115] Vindicator Laser Wind Sensor Handler (2.00.03)
 - [10] Slot - [14] Analog Humidity and Air Temperature (4.01.00)
 - [11] Slot - [22] TRIAXYS OEM (1.18.02)
 - [13] Slot - [138] CONTROL_Generator_AmplePower (1.11.00)
 - [14] Slot - [1] ADC Input (2.13.00)
 - [15] Slot - [44] Generic Datalogger (1.27.03)
 - [16] Slot - [44] Generic Datalogger (1.27.03)
 - [21] Slot - [41] Binary Message Builder (2.09.01)
 - [22] Slot - [48] Action Script Utility Handler (1.06.00)
 - [25] Slot - [135] WM500 Interface Handler (1.02.01)
 - [27] Slot - [93] Switched Power Timed (1.07.00)
 - [28] Slot - [93] Switched Power Timed (1.07.00)

Add Blank + -

OK Cancel

- Stations
 - Fishermen's Energy Primary (6NB00070)
 - Fishermen's Energy Secondary (6NB00070)
 - PNNL 1 Primary (6NB00120)
 - PNNL 1 Secondary (6NB00120)
 - PNNL 2 Primary (6NB00130)
 - PNNL 2 Secondary (6NB00130)
- Communications
 - Serial - COM11 - (19200,8,None,1,None)
 - Serial - COM9 - (38400,8,None,1,None)
- Notifications
 - Thresholds
 - Watch Circles
 - Inactivity
 - Communications Activity
 - Alerts
- Message Broadcasting
- Communications Relay
- Delayed Messages
- Plug-ins
 - ADCP Data Processor - 1.3.5.18739
 - AIS Data Processor - 1.2.3.17809
 - SMS Auto-Responder - 1.1.12.17839
 - TRIAXYS Data Processor - 1.2.8.16344
 - WindSentinel Data Processor - 1.4.3.188
- Logging
 - System
 - Raw Communications
 - Station Messages

Status: Closed

WM500 Primary – Message 13: Solar and Gen Ammeter Pwr

AXYS DMS - localhost (LAT-E5530-BR\AXYS.AXYS DMS)

AXYS TECHNOLOGIES INC.

AXYS DATA MANAGE

2015-10-26 10:44:05 (LOCAL)
2015-10-26 14:44:05 (UTC)



Configure NMEA Messages

Creation Transmission

Number: 13 Creation Interval: 600 seconds
Name: Solar and Gen Ammeter Pwr Creation Offset: 32 seconds
Sync Date: 2015-10-14 21:52 Format: 1 - DMS
Type: 0 - NMEA Custom Header: Enable Timed Messaging

Configure Message Logs

Parameter	Validate	Use Format
[N002S039P040] Sense 3 Average Power (W)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N002S039P042] Sense 3 Max Power (W)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N002S039P043] Sense 3 Wh/day Estimate	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N002S039P050] Sense 4 Average Power (W)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N002S039P052] Sense 4 Max Power (W)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N002S039P053] Sense 4 Wh/day Estimate	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Message Fields

Data Parameters

- PNNL 2 Primary (6NB00130)
 - [1] Node (9607003644c021dc)
 - [0] Slot - [0] WatchMan500 Node Manager (3.40.00)
 - [1] Slot - [158] ISatData Pro Terminal (1.02.03)
 - [2] Slot - [159] GPS Generic (1.09.02)
 - [3] Slot - [34] Iridium Modem (1.19.00)
 - [4] Slot - [105] AIS (1.09.02)
 - [5] Slot - [157] Lantronix Serial-TCP (1.02.03)
 - [6] Slot - [132] 3DM-GX Family (1.04.00)
 - [7] Slot - [17] Pulse Anemometer (4.31.01)
 - [8] Slot - [17] Pulse Anemometer (4.31.01)
 - [9] Slot - [115] Vindicator Laser Wind Sensor Handler (2.00.03)
 - [10] Slot - [14] Analog Humidity and Air Temperature (4.01.00)
 - [11] Slot - [22] TRIAXYS OEM (1.18.02)
 - [13] Slot - [138] CONTROL_Generator_AmplePower (1.11.00)
 - [14] Slot - [1] ADC Input (2.13.00)
 - [15] Slot - [44] Generic Datalogger (1.27.03)
 - [16] Slot - [44] Generic Datalogger (1.27.03)
 - [21] Slot - [41] Binary Message Builder (2.09.01)
 - [22] Slot - [48] Action Script Utility Handler (1.06.00)
 - [25] Slot - [135] WM500 Interface Handler (1.02.01)
 - [27] Slot - [93] Switched Power Timed (1.07.00)
 - [28] Slot - [93] Switched Power Timed (1.07.00)

Request Send

Add Blank

OK Cancel

File Tools Help

- Stations
 - Fishermen's Energy Primary (6NB00070)
 - Fishermen's Energy Secondary (6NB00070)
 - PNNL 1 Primary (6NB00120)
 - PNNL 1 Secondary (6NB00120)
 - PNNL 2 Primary (6NB00130)
 - PNNL 2 Secondary (6NB00130)
- Communications
 - Serial - COM11 - (19200,8,None,1,None)
 - Serial - COM9 - (38400,8,None,1,None)
- Notifications
 - Thresholds
 - Watch Circles
 - Inactivity
 - Communications Activity
 - Alerts
- Message Broadcasting
- Communications Relay
- Delayed Messages
- Plug-ins
 - ADCP Data Processor - 1.3.5.18739
 - AIS Data Processor - 1.2.3.17809
 - SMS Auto-Responder - 1.1.12.17839
 - TRIAXYS Data Processor - 1.2.8.16344
 - WindSentinel Data Processor - 1.4.3.188
- Logging
 - System
 - Raw Communications
 - Station Messages

Status: Closed

WM500 Primary – Message 14: Inverter and 24/12 Conv Ammeter

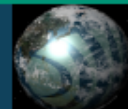
AXYS DMS - localhost (LAT-E5530-BR\AXYS.AXYS.DMS)

AXYS TECHNOLOGIES INC.

AXYS DATA MANAGE

2015-10-26 10:44:25 (LOCAL)

2015-10-26 14:44:25 (UTC)



File Tools Help

- Stations
 - Fishermen's Energy Primary (6NB00070)
 - Fishermen's Energy Secondary (6NB00070)
 - PNNL 1 Primary (6NB00120)
 - PNNL 1 Secondary (6NB00120)
 - PNNL 2 Primary (6NB00130)
 - PNNL 2 Secondary (6NB00130)
- Communications
 - Serial - COM11 - (19200,8,None,1,None)
 - Serial - COM9 - (38400,8,None,1,None)
- Notifications
 - Thresholds
 - Watch Circles
 - Inactivity
 - Communications Activity
 - Alerts
- Message Broadcasting
- Communications Relay
- Delayed Messages
- Plug-ins
 - ADCP Data Processor - 1.3.5.18739
 - AIS Data Processor - 1.2.3.17809
 - SMS Auto-Responder - 1.1.12.17839
 - TRIAXYS Data Processor - 1.2.8.16344
 - WindSentinel Data Processor - 1.4.3.188
- Logging
 - System
 - Raw Communications
 - Station Messages

Configure NMEA Messages

Creation Transmission

Number: 14 Creation Interval: 600 seconds
Name: Inverter and 24/12V Conv Amme Creation Offset: 34 seconds
Sync Date: 2015-10-14 21:52 Format: 1 - DMS
Type: 0 - NMEA Custom Header: Enable Timed Messaging

Configure Message Logs

Message Fields

Parameter	Validate	Use Format
[N002S039P070] Sense 6 Average Power (W)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N002S039P072] Sense 6 Max Power (W)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N002S039P073] Sense 6 Wh/day Estimate	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N002S039P090] Sense 8 Average Power (W)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N002S039P092] Sense 8 Max Power (W)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N002S039P093] Sense 8 Wh/day Estimate	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Request Send

Data Parameters

- PNNL 2 Primary (6NB00130)
 - [1] Node (9607003644c021dc)
 - [0] Slot - [0] WatchMan500 Node Manager (3.40.00)
 - [1] Slot - [158] ISatData Pro Terminal (1.02.03)
 - [2] Slot - [159] GPS Generic (1.09.02)
 - [3] Slot - [34] Iridium Modem (1.19.00)
 - [4] Slot - [105] AIS (1.09.02)
 - [5] Slot - [157] Lantronix Serial-TCP (1.02.03)
 - [6] Slot - [132] 3DM-GX Family (1.04.00)
 - [7] Slot - [17] Pulse Anemometer (4.31.01)
 - [8] Slot - [17] Pulse Anemometer (4.31.01)
 - [9] Slot - [115] Vindicator Laser Wind Sensor Handler (2.00.03)
 - [10] Slot - [14] Analog Humidity and Air Temperature (4.01.00)
 - [11] Slot - [22] TRIAXYS OEM (1.18.02)
 - [13] Slot - [138] CONTROL_Generator_AmplePower (1.11.00)
 - [14] Slot - [1] ADC Input (2.13.00)
 - [15] Slot - [44] Generic Datalogger (1.27.03)
 - [16] Slot - [44] Generic Datalogger (1.27.03)
 - [21] Slot - [41] Binary Message Builder (2.09.01)
 - [22] Slot - [48] Action Script Utility Handler (1.06.00)
 - [25] Slot - [135] WM500 Interface Handler (1.02.01)
 - [27] Slot - [93] Switched Power Timed (1.07.00)
 - [28] Slot - [93] Switched Power Timed (1.07.00)

Add Blank + -

OK Cancel

Status: Closed

WM500 Primary – Message 15: Vind and Airdolphin Pwr

AXYS DMS - localhost (LAT-E5530-BR\AXYS.AXYS.DMS)



AXYS TECHNOLOGIES INC.

AXYS DATA MANAGE

2015-10-26 10:44:40 (LOCAL)

2015-10-26 14:44:40 (UTC)



File Tools Help

Configure NMEA Messages

Creation Transmission

Number: 15 Creation Interval: 600 seconds
Name: Vind and Airdolphin Pwr Creation Offset: 36 seconds
Sync Date: 2015-10-14 21:52 Format: 1 - DMS
Type: 0 - NMEA Custom Header: Enable Timed Messaging

Configure Message Logs

Message Fields

Parameter	Validate	Use Format
[N002S039P080] Sense 7 Average Power (W)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N002S039P082] Sense 7 Max Power (W)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N002S039P083] Sense 7 Wh/day Estimate	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N002S039P110] Sense 10 Average Power (W)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N002S039P112] Sense 10 Max Power (W)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N002S039P113] Sense 10 Wh/day Estimate	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Request Send

Data Parameters

- PNNL 2 Primary (6NB00130)
 - [1] Node (9607003644c021dc)
 - [0] Slot - [0] WatchMan500 Node Manager (3.40.00)
 - [1] Slot - [158] ISatData Pro Terminal (1.02.03)
 - [2] Slot - [159] GPS Generic (1.09.02)
 - [3] Slot - [34] Iridium Modem (1.19.00)
 - [4] Slot - [105] AIS (1.09.02)
 - [5] Slot - [157] Lantronix Serial-TCP (1.02.03)
 - [6] Slot - [132] 3DM-GX Family (1.04.00)
 - [7] Slot - [17] Pulse Anemometer (4.31.01)
 - [8] Slot - [17] Pulse Anemometer (4.31.01)
 - [9] Slot - [115] Vindicator Laser Wind Sensor Handler (2.00.03)
 - [10] Slot - [14] Analog Humidity and Air Temperature (4.01.00)
 - [11] Slot - [22] TRIAXYS OEM (1.18.02)
 - [13] Slot - [138] CONTROL_Generator_AmplePower (1.11.00)
 - [14] Slot - [1] ADC Input (2.13.00)
 - [15] Slot - [44] Generic Datalogger (1.27.03)
 - [16] Slot - [44] Generic Datalogger (1.27.03)
 - [21] Slot - [41] Binary Message Builder (2.09.01)
 - [22] Slot - [48] Action Script Utility Handler (1.06.00)
 - [25] Slot - [135] WM500 Interface Handler (1.02.01)
 - [27] Slot - [93] Switched Power Timed (1.07.00)
 - [28] Slot - [93] Switched Power Timed (1.07.00)

Add Blank + -

OK Cancel

- Stations
 - Fishermen's Energy Primary (6NB00070)
 - Fishermen's Energy Secondary (6NB00070)
 - PNNL 1 Primary (6NB00120)
 - PNNL 1 Secondary (6NB00120)
 - PNNL 2 Primary (6NB00130)
 - PNNL 2 Secondary (6NB00130)
- Communications
 - Serial - COM11 - (19200,8,None,1,None)
 - Serial - COM9 - (38400,8,None,1,None)
- Notifications
 - Thresholds
 - Watch Circles
 - Inactivity
 - Communications Activity
 - Alerts
- Message Broadcasting
- Communications Relay
- Delayed Messages
- Plug-ins
 - ADCP Data Processor - 1.3.5.18739
 - AIS Data Processor - 1.2.3.17809
 - SMS Auto-Responder - 1.1.12.17839
 - TRIAXYS Data Processor - 1.2.8.16344
 - WindSentinel Data Processor - 1.4.3.188
- Logging
 - System
 - Raw Communications
 - Station Messages

Status: Closed

WM500 Primary – Message 16: MPPT Power and Statistics

AXYS DMS - localhost (LAT-E5530-BR\AXYS.AXYS.DMS)

AXYS TECHNOLOGIES INC.

AXYS DATA MANAGER

2015-10-26 10:44:55 (LOCAL)

2015-10-26 14:44:55 (UTC)



File Tools Help

Configure NMEA Messages

Creation Transmission

Number: 16 Creation Interval: 600 seconds
Name: MPPT Power and Statistics Creation Offset: 38 seconds
Sync Date: 2015-10-14 21:52 Format: 1 - DMS
Type: 0 - NMEA Custom Header: Enable Timed Messaging

Configure Message Logs

Message Fields

Parameter	Validate	Use Format
[N002S039P100] Sense 9 Average Power (W)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N002S039P102] Sense 9 Max Power (W)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N002S039P103] Sense 9 Wh/day Estimate	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N002S034P013] Array Sweep - Open Circuit ...	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N002S034P015] Array Fault Bitfield - Day	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N002S034P025] Instantaneous Heatsink Tem...	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N002S034P027] Alarm Bitfield	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Request Send

Data Parameters

- PNNL 2 Primary (6NB00130)
 - [1] Node (9607003644c021dc)
 - [0] Slot - [0] WatchMan500 Node Manager (3.40.00)
 - [1] Slot - [158] ISatData Pro Terminal (1.02.03)
 - [2] Slot - [159] GPS Generic (1.09.02)
 - [3] Slot - [34] Iridium Modem (1.19.00)
 - [4] Slot - [105] AIS (1.09.02)
 - [5] Slot - [157] Lantronix Serial-TCP (1.02.03)
 - [6] Slot - [132] 3DM-GX Family (1.04.00)
 - [7] Slot - [17] Pulse Anemometer (4.31.01)
 - [8] Slot - [17] Pulse Anemometer (4.31.01)
 - [9] Slot - [115] Vindicator Laser Wind Sensor Handler (2.00.03)
 - [10] Slot - [14] Analog Humidity and Air Temperature (4.01.00)
 - [11] Slot - [22] TRIAXYS OEM (1.18.02)
 - [13] Slot - [138] CONTROL_Generator_AmplePower (1.11.00)
 - [14] Slot - [1] ADC Input (2.13.00)
 - [15] Slot - [44] Generic Datalogger (1.27.03)
 - [16] Slot - [44] Generic Datalogger (1.27.03)
 - [21] Slot - [41] Binary Message Builder (2.09.01)
 - [22] Slot - [48] Action Script Utility Handler (1.06.00)
 - [25] Slot - [135] WM500 Interface Handler (1.02.01)
 - [27] Slot - [93] Switched Power Timed (1.07.00)
 - [28] Slot - [93] Switched Power Timed (1.07.00)

Add Blank

OK Cancel

- Stations
 - Fishermen's Energy Primary (6NB00070)
 - Fishermen's Energy Secondary (6NB00070)
 - PNNL 1 Primary (6NB00120)
 - PNNL 1 Secondary (6NB00120)
 - PNNL 2 Primary (6NB00130)
 - PNNL 2 Secondary (6NB00130)
- Communications
 - Serial - COM11 - (19200,8,None,1,None)
 - Serial - COM9 - (38400,8,None,1,None)
- Notifications
 - Thresholds
 - Watch Circles
 - Inactivity
 - Communications Activity
 - Alerts
- Message Broadcasting
- Communications Relay
- Delayed Messages
- Plug-ins
 - ADCP Data Processor - 1.3.5.18739
 - AIS Data Processor - 1.2.3.17809
 - SMS Auto-Responder - 1.1.12.17839
 - TRIAXYS Data Processor - 1.2.8.16344
 - WindSentinel Data Processor - 1.4.3.188
- Logging
 - System
 - Raw Communications
 - Station Messages

Status: Closed

WM500 Primary – Message 17: Secondary MET/Status/ADCP

AXYS DMS - localhost (LAT-E5530-BR\AXYS.AXYS.DMS)

AXYS TECHNOLOGIES INC.

AXYS DATA MANAGE

2015-10-26 10:45:11 (LOCAL)
2015-10-26 14:45:11 (UTC)



File Tools Help

Configure NMEA Messages

Creation Transmission

Number: 17 Creation Interval: 600 seconds
Name: Secondary MET/Status/ADCP Creation Offset: 5 seconds
Sync Date: 2015-10-14 21:52 Format: 8 - No header or checksum
Type: 0 - NMEA Custom Header: Enable Timed Messaging

Configure Message Logs

Parameter	Validate	Use Format
[N001S025P002] Message 1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Message Fields

Data Parameters

- PNNL 2 Primary (6NB00130)
 - [1] Node (9607003644c021dc)
 - [0] Slot - [0] WatchMan500 Node Manager (3.40.00)
 - [1] Slot - [158] ISatData Pro Terminal (1.02.03)
 - [2] Slot - [159] GPS Generic (1.09.02)
 - [3] Slot - [34] Iridium Modem (1.19.00)
 - [4] Slot - [105] AIS (1.09.02)
 - [5] Slot - [157] Lantronix Serial-TCP (1.02.03)
 - [6] Slot - [132] 3DM-GX Family (1.04.00)
 - [7] Slot - [17] Pulse Anemometer (4.31.01)
 - [8] Slot - [17] Pulse Anemometer (4.31.01)
 - [9] Slot - [115] Vindicator Laser Wind Sensor Handler (2.00.03)
 - [10] Slot - [14] Analog Humidity and Air Temperature (4.01.00)
 - [11] Slot - [22] TRIAXYS OEM (1.18.02)
 - [13] Slot - [138] CONTROL_Generator_AmplePower (1.11.00)
 - [14] Slot - [1] ADC Input (2.13.00)
 - [15] Slot - [44] Generic Datalogger (1.27.03)
 - [16] Slot - [44] Generic Datalogger (1.27.03)
 - [21] Slot - [41] Binary Message Builder (2.09.01)
 - [22] Slot - [48] Action Script Utility Handler (1.06.00)
 - [25] Slot - [135] WM500 Interface Handler (1.02.01)
 - [27] Slot - [93] Switched Power Timed (1.07.00)
 - [28] Slot - [93] Switched Power Timed (1.07.00)

Request Send Add Blank OK Cancel

- Stations
 - Fishermen's Energy Primary (6NB00070)
 - Fishermen's Energy Secondary (6NB00070)
 - PNNL 1 Primary (6NB00120)
 - PNNL 1 Secondary (6NB00120)
 - PNNL 2 Primary (6NB00130)
 - PNNL 2 Secondary (6NB00130)
- Communications
 - Serial - COM11 - (19200,8,None,1,None)
 - Serial - COM9 - (38400,8,None,1,None)
- Notifications
 - Thresholds
 - Watch Circles
 - Inactivity
 - Communications Activity
 - Alerts
- Message Broadcasting
- Communications Relay
- Delayed Messages
- Plug-ins
 - ADCP Data Processor - 1.3.5.18739
 - AIS Data Processor - 1.2.3.17809
 - SMS Auto-Responder - 1.1.12.17839
 - TRIAXYS Data Processor - 1.2.8.16344
 - WindSentinel Data Processor - 1.4.3.188
- Logging
 - System
 - Raw Communications
 - Station Messages

Status: Closed

WM500 Primary – Message 18: AIS Met/Hydro

AXYS DMS - localhost (LAT-E5530-BR\AXYS.AXYS.DMS)

AXYS TECHNOLOGIES INC.

AXYS DATA MANAGE

2015-10-26 10:45:29 (LOCAL)

2015-10-26 14:45:29 (UTC)



File Tools Help

Configure NMEA Messages

Creation Transmission

Number: 18 Creation Interval: 180 seconds
Name: AIS Met/Hydro Creation Offset: 20 seconds
Sync Date: 2015-10-14 21:52 Format: 0 - Raw
Type: 1 - Binary Custom Header:

Enable Timed Messaging

Parameter	Validate	Use Format
[N001S021P003] Binary Message	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Message Fields

Data Parameters

- PNNL 2 Primary (6NB00130)
 - [1] Node (9607003644c021dc)
 - [0] Slot - [0] WatchMan500 Node Manager (3.40.00)
 - [1] Slot - [158] ISatData Pro Terminal (1.02.03)
 - [2] Slot - [159] GPS Generic (1.09.02)
 - [3] Slot - [34] Iridium Modem (1.19.00)
 - [4] Slot - [105] AIS (1.09.02)
 - [5] Slot - [157] Lantronix Serial-TCP (1.02.03)
 - [6] Slot - [132] 3DM-GX Family (1.04.00)
 - [7] Slot - [17] Pulse Anemometer (4.31.01)
 - [8] Slot - [17] Pulse Anemometer (4.31.01)
 - [9] Slot - [115] Vindicator Laser Wind Sensor Handler (2.00.03)
 - [10] Slot - [14] Analog Humidity and Air Temperature (4.01.00)
 - [11] Slot - [22] TRIAXYS OEM (1.18.02)
 - [13] Slot - [138] CONTROL_Generator_AmplePower (1.11.00)
 - [14] Slot - [1] ADC Input (2.13.00)
 - [15] Slot - [44] Generic Datalogger (1.27.03)
 - [16] Slot - [44] Generic Datalogger (1.27.03)
 - [21] Slot - [41] Binary Message Builder (2.09.01)
 - [22] Slot - [48] Action Script Utility Handler (1.06.00)
 - [25] Slot - [135] WM500 Interface Handler (1.02.01)
 - [27] Slot - [93] Switched Power Timed (1.07.00)
 - [28] Slot - [93] Switched Power Timed (1.07.00)

- Stations
 - Fishermen's Energy Primary (6NB00070)
 - Fishermen's Energy Secondary (6NB00070)
 - PNNL 1 Primary (6NB00120)
 - PNNL 1 Secondary (6NB00120)
 - PNNL 2 Primary (6NB00130)
 - PNNL 2 Secondary (6NB00130)
- Communications
 - Serial - COM11 - (19200,8,None,1,None)
 - Serial - COM9 - (38400,8,None,1,None)
- Notifications
 - Thresholds
 - Watch Circles
 - Inactivity
 - Communications Activity
 - Alerts
- Message Broadcasting
- Communications Relay
- Delayed Messages
- Plug-ins
 - ADCP Data Processor - 1.3.5.18739
 - AIS Data Processor - 1.2.3.17809
 - SMS Auto-Responder - 1.1.12.17839
 - TRIAXYS Data Processor - 1.2.8.16344
 - WindSentinel Data Processor - 1.4.3.188
- Logging
 - System
 - Raw Communications
 - Station Messages

Status: Closed

WM500 Primary – Message 19: IDP/Iridium 10min

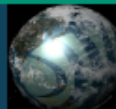
AXYS DMS - localhost (LAT-E5530-BR\AXYS.AXYS.DMS)

AXYS TECHNOLOGIES INC.

AXYS DATA MANAGER

2015-10-26 10:45:47 (LOCAL)

2015-10-26 14:45:47 (UTC)



File Tools Help

- Stations
 - Fishermen's Energy Primary (6NB00070)
 - Fishermen's Energy Secondary (6NB00070)
 - PNNL 1 Primary (6NB00120)
 - PNNL 1 Secondary (6NB00120)
 - PNNL 2 Primary (6NB00130)
 - PNNL 2 Secondary (6NB00130)
- Communications
 - Serial - COM11 - (19200,8,None,1,None)
 - Serial - COM9 - (38400,8,None,1,None)
- Notifications
 - Thresholds
 - Watch Circles
 - Inactivity
 - Communications Activity
 - Alerts
- Message Broadcasting
 - Communications Relay
 - Delayed Messages
- Plug-ins
 - ADCP Data Processor - 1.3.5.18739
 - AIS Data Processor - 1.2.3.17809
 - SMS Auto-Responder - 1.1.12.17839
 - TRIAXYS Data Processor - 1.2.8.16344
 - WindSentinel Data Processor - 1.4.3.188
- Logging
 - System
 - Raw Communications
 - Station Messages

Configure NMEA Messages

Creation Transmission

Number: 19 Creation Interval: 600 seconds
Name: IDP/Iridium 10min Creation Offset: 45 seconds
Sync Date: 2015-10-14 21:52 Format: 1 - DMS
Type: 0 - NMEA Custom Header:
 Enable Timed Messaging

Parameter	Validate	Use Form
[N001S002P004] Latitude	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S002P005] Longitude	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S002P019] Watchcircle Status (0-off po...	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N002S007P004] Average Pressure (mb)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S010P006] Average Air Temperature (C)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S010P008] Average Humidity (%)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S010P007] Average Dew Point (C)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S007P006] Average wind speed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S007P004] Last sampling interval gust s...	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S007P007] Average wind direction	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S008P006] Average wind speed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S008P004] Last sampling interval gust s...	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S006P004] Yaw (deg)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S009P083] Average Horizontal Wind Sp...	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S009P084] Average Horizontal Wind Sp...	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Request Send

Data Parameters

- PNNL 2 Primary (6NB00130)
 - [1] Node (9607003644c021dc)
 - [0] Slot - [0] WatchMan500 Node Manager (3.40.00)
 - [1] Slot - [158] ISatData Pro Terminal (1.02.03)
 - [2] Slot - [159] GPS Generic (1.09.02)
 - [3] Slot - [34] Iridium Modem (1.19.00)
 - [4] Slot - [105] AIS (1.09.02)
 - [5] Slot - [157] Lantronix Serial-TCP (1.02.03)
 - [6] Slot - [132] 3DM-GX Family (1.04.00)
 - [7] Slot - [17] Pulse Anemometer (4.31.01)
 - [8] Slot - [17] Pulse Anemometer (4.31.01)
 - [9] Slot - [115] Vindicator Laser Wind Sensor Handler (2.00.03)
 - [10] Slot - [14] Analog Humidity and Air Temperature (4.01.00)
 - [11] Slot - [22] TRIAXYS OEM (1.18.02)
 - [13] Slot - [138] CONTROL_Generator_AmplePower (1.11.00)
 - [14] Slot - [1] ADC Input (2.13.00)
 - [15] Slot - [44] Generic Datalogger (1.27.03)
 - [16] Slot - [44] Generic Datalogger (1.27.03)
 - [21] Slot - [41] Binary Message Builder (2.09.01)
 - [22] Slot - [48] Action Script Utility Handler (1.06.00)
 - [25] Slot - [135] WM500 Interface Handler (1.02.01)
 - [27] Slot - [93] Switched Power Timed (1.07.00)
 - [28] Slot - [93] Switched Power Timed (1.07.00)

Add Blank + -

OK Cancel

Status: Closed

WM500 Primary – Message 20: IDP/Iridium 1hr

AXYS DMS - localhost (LAT-E5530-BR\AXYS.AXYS DMS)



AXYS TECHNOLOGIES INC.

AXYS DATA MANAGE

2015-10-26 10:46:04 (LOCAL)

2015-10-26 14:46:04 (UTC)



File Tools Help

- Stations
 - Fishermen's Energy Primary (6NB00070)
 - Fishermen's Energy Secondary (6NB00070)
 - PNNL 1 Primary (6NB00120)
 - PNNL 1 Secondary (6NB00120)
 - PNNL 2 Primary (6NB00130)
 - PNNL 2 Secondary (6NB00130)
- Communications
 - Serial - COM11 - (19200,8,None,1,None)
 - Serial - COM9 - (38400,8,None,1,None)
- Notifications
 - Thresholds
 - Watch Circles
 - Inactivity
 - Communications Activity
 - Alerts
- Message Broadcasting
- Communications Relay
- Delayed Messages
- Plug-ins
 - ADCP Data Processor - 1.3.5.18739
 - AIS Data Processor - 1.2.3.17809
 - SMS Auto-Responder - 1.1.12.17839
 - TRIAXYS Data Processor - 1.2.8.16344
 - WindSentinel Data Processor - 1.4.3.188
- Logging
 - System
 - Raw Communications
 - Station Messages

Configure NMEA Messages

Creation Transmission

Number: 20 Creation Interval: 3600 seconds
Name: IDP/Iridium 1hr Creation Offset: 50 seconds
Sync Date: 2015-10-14 21:52 Format: 1 - DMS
Type: 0 - NMEA Custom Header:
 Enable Timed Messaging

Parameter	Validate	Use Form
[N002S039P002] Average Battery Voltage	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S000P008] Number of Resets	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N002S000P008] Number of Resets	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S000P042] Average Services Per Second	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N002S000P042] Average Services Per Second	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S000P034] Shutdown Type	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N002S000P034] Shutdown Type	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S015P009] Error count	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S000P050] Last Hour Log Write Count	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S000P052] Log Error Count	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S000P134] Cleaning Event Count	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S013P021] Reason Engine Started	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S013P027] Reason Engine Stopped	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S013P023] Number of Engine Starts	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S013P024] Number of Failed Engine Sta...	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Request Send

Data Parameters

- PNNL 2 Primary (6NB00130)
 - [1] Node (9607003644c021dc)
 - [0] Slot - [0] WatchMan500 Node Manager (3.40.00)
 - [1] Slot - [158] ISatData Pro Terminal (1.02.03)
 - [2] Slot - [159] GPS Generic (1.09.02)
 - [3] Slot - [34] Iridium Modem (1.19.00)
 - [4] Slot - [105] AIS (1.09.02)
 - [5] Slot - [157] Lantronix Serial-TCP (1.02.03)
 - [6] Slot - [132] 3DM-GX Family (1.04.00)
 - [7] Slot - [17] Pulse Anemometer (4.31.01)
 - [8] Slot - [17] Pulse Anemometer (4.31.01)
 - [9] Slot - [115] Vindicator Laser Wind Sensor Handler (2.00.03)
 - [10] Slot - [14] Analog Humidity and Air Temperature (4.01.00)
 - [11] Slot - [22] TRIAXYS OEM (1.18.02)
 - [13] Slot - [138] CONTROL_Generator_AmplePower (1.11.00)
 - [14] Slot - [1] ADC Input (2.13.00)
 - [15] Slot - [44] Generic Datalogger (1.27.03)
 - [16] Slot - [44] Generic Datalogger (1.27.03)
 - [21] Slot - [41] Binary Message Builder (2.09.01)
 - [22] Slot - [48] Action Script Utility Handler (1.06.00)
 - [25] Slot - [135] WM500 Interface Handler (1.02.01)
 - [27] Slot - [93] Switched Power Timed (1.07.00)
 - [28] Slot - [93] Switched Power Timed (1.07.00)

Add Blank + -

OK Cancel

Status: Closed

WM500 Secondary – Message 1: Met/Status/Ocean

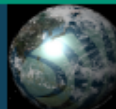
AXYS DMS - localhost (LAT-E5530-BR\AXYS.AXYS DMS)

AXYS TECHNOLOGIES INC.

AXYS DATA MANAGE

2015-10-26 10:46:24 (LOCAL)

2015-10-26 14:46:24 (UTC)



File Tools Help

- Stations
 - Fishermen's Energy Primary (6NB00070)
 - Fishermen's Energy Secondary (6NB00070)
 - PNNL 1 Primary (6NB00120)
 - PNNL 1 Secondary (6NB00120)
 - PNNL 2 Primary (6NB00130)
 - PNNL 2 Secondary (6NB00130)
- Communications
 - Serial - COM11 - (19200,8,None,1,None)
 - Serial - COM9 - (38400,8,None,1,None)
- Notifications
 - Thresholds
 - Watch Circles
 - Inactivity
 - Communications Activity
 - Alerts
- Message Broadcasting
- Communications Relay
- Delayed Messages
- Plug-ins
 - ADCP Data Processor - 1.3.5.18739
 - AIS Data Processor - 1.2.3.17809
 - SMS Auto-Responder - 1.1.12.17839
 - TRIAXYS Data Processor - 1.2.8.16344
 - WindSentinel Data Processor - 1.4.3.188
- Logging
 - System
 - Raw Communications
 - Station Messages

Configure NMEA Messages

Creation Transmission

Number: 1 Creation Interval: 600 seconds
Name: Met/Status/Ocean Creation Offset: 0 seconds
Sync Date: 2014-08-29 21:51 Format: 1 - DMS
Type: 0 - NMEA Custom Header: Enable Timed Messaging

Configure Message Logs

Message Fields

Parameter	Validate	Use Form
[N001S000P030] Minimum system voltage (V)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S000P055] Average Node Voltage	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S000P056] Average Node Current	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S000P019] PCB Temperature (deg C)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S000P007] Current Boot Timestamp	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S000P008] Number of Resets	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S000P041] Min Services Per Second	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S000P042] Average Services Per Second	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S000P034] Shutdown Type	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S015P009] Error count	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S000P050] Last Hour Log Write Count	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S015P010] Free space (MB)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S015P007] Hardware status	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S000P052] Log Error Count	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S000P057] Last Log Error	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Request Send

Data Parameters

- PNNL 2 Secondary (6NB00130)
 - [1] Node (9607003644c08fdc)
 - [0] Slot - [0] WatchMan500 Node Manager (3.40.00)
 - [5] Slot - [112] Generic Comms Device Handler (1.07.00)
 - [6] Slot - [1] ADC Input (2.13.00)
 - [9] Slot - [53] YSI Thermistor (1.11.00)
 - [12] Slot - [63] Nortek ADCP (1.16.03)
 - [13] Slot - [49] SeaBird CTD Handler (4.18.01)
 - [15] Slot - [44] Generic Datalogger (1.27.03)
 - [16] Slot - [44] Generic Datalogger (1.27.03)
 - [S] Node (System)
 - [0] Slot - [250] WatchMan500 System Manager (3.37.00)

Add Blank + -

OK Cancel

Status: Closed

WM500 Secondary – Message 2: IDP/Iridium 1hr

AXYS DMS - localhost (LAT-E5530-BR\AXYS.AXYS.DMS)

AXYS TECHNOLOGIES INC.

AXYS DATA MANAGE

2015-10-26 10:46:41 (LOCAL)

2015-10-26 14:46:41 (UTC)



File Tools Help

Configure NMEA Messages

Creation Transmission

Number: 2 Creation Interval: 3600 seconds
Name: IDP/Iridium 1hr Creation Offset: 600 seconds
Sync Date: 2014-08-29 21:51 Format: 1 - DMS
Type: 0 - NMEA Custom Header: Enable Timed Messaging

Configure Message Logs

Message Fields

Parameter	Validate	Use Form
[N001S000P008] Number of Resets	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S000P042] Average Services Per Second	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S000P034] Shutdown Type	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S015P009] Error count	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S000P050] Last Hour Log Write Count	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S015P010] Free space (MB)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S000P052] Log Error Count	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S000P057] Last Log Error	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S009P004] Average Temperature 1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S006P005] Average Reading	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S013P014] Average Conductivity (Sieme...	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S012P027] Cell 1 Average Magnitude (m...	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S012P028] Cell 1 Average Direction	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S012P029] Cell 2 Average Magnitude (m...	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S012P030] Cell 2 Average Direction	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Request Send

Data Parameters

- PNNL 2 Secondary (6NB00130)
 - [1] Node (9607003644c08fdc)
 - [0] Slot - [0] WatchMan500 Node Manager (3.40.00)
 - [5] Slot - [112] Generic Comms Device Handler (1.07.00)
 - [6] Slot - [1] ADC Input (2.13.00)
 - [9] Slot - [53] YSI Thermistor (1.11.00)
 - [12] Slot - [63] Nortek ADCP (1.16.03)
 - [13] Slot - [49] SeaBird CTD Handler (4.18.01)
 - [15] Slot - [44] Generic Datalogger (1.27.03)
 - [16] Slot - [44] Generic Datalogger (1.27.03)
 - [S] Node (System)
 - [0] Slot - [250] WatchMan500 System Manager (3.37.00)

Add Blank + -

OK Cancel

- Stations
 - Fishermen's Energy Primary (6NB00070)
 - Fishermen's Energy Secondary (6NB00070)
 - PNNL 1 Primary (6NB00120)
 - PNNL 1 Secondary (6NB00120)
 - PNNL 2 Primary (6NB00130)
 - PNNL 2 Secondary (6NB00130)
- Communications
 - Serial - COM11 - (19200,8,None,1,None)
 - Serial - COM9 - (38400,8,None,1,None)
- Notifications
 - Thresholds
 - Watch Circles
 - Inactivity
 - Communications Activity
 - Alerts
- Message Broadcasting
- Communications Relay
- Delayed Messages
- Plug-ins
 - ADCP Data Processor - 1.3.5.18739
 - AIS Data Processor - 1.2.3.17809
 - SMS Auto-Responder - 1.1.12.17839
 - TRIAXYS Data Processor - 1.2.8.16344
 - WindSentinel Data Processor - 1.4.3.188
- Logging
 - System
 - Raw Communications
 - Station Messages

Status: Closed

WM500 Secondary – Message 3: 1Hz Data

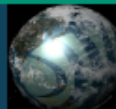
AXYS DMS - localhost (LAT-E5530-BR\AXYS.AXYS DMS)

AXYS TECHNOLOGIES INC.

AXYS DATA MANAGE

2015-10-26 10:46:58 (LOCAL)

2015-10-26 14:46:58 (UTC)



File Tools Help

- Stations
 - Fishermen's Energy Primary (6NB00070)
 - Fishermen's Energy Secondary (6NB00070)
 - PNNL 1 Primary (6NB00120)
 - PNNL 1 Secondary (6NB00120)
 - PNNL 2 Primary (6NB00130)
 - PNNL 2 Secondary (6NB00130)
- Communications
 - Serial - COM11 - (19200,8,None,1,None)
 - Serial - COM9 - (38400,8,None,1,None)
- Notifications
 - Thresholds
 - Watch Circles
 - Inactivity
 - Communications Activity
 - Alerts
- Message Broadcasting
- Communications Relay
- Delayed Messages
- Plug-ins
 - ADCP Data Processor - 1.3.5.18739
 - AIS Data Processor - 1.2.3.17809
 - SMS Auto-Responder - 1.1.12.17839
 - TRIAXYS Data Processor - 1.2.8.16344
 - WindSentinel Data Processor - 1.4.3.188
- Logging
 - System
 - Raw Communications
 - Station Messages

Configure NMEA Messages

Creation Transmission

Number: 3 Creation Interval: 1 seconds
Name: 1Hz Data Creation Offset: 0 seconds
Sync Date: 2015-10-16 17:34 Format: 1 - DMS
Type: 0 - NMEA Custom Header:
 Enable Timed Messaging

Parameter	Validate	Use Format
[N001S006P002] Instantaneous Reading	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S009P002] Instantaneous Temperature 1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S013P003] Instantaneous Temperature (...)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S013P004] Instantaneous Conductivity (...)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S013P005] Instantaneous Pressure (dec...)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S012P018] Temperature (0.01 Celsius)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
[N001S012P051] Instantaneous Bin String	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Message Fields

Data Parameters

- PNNL 2 Secondary (6NB00130)
 - [1] Node (9607003644c08fdc)
 - [0] Slot - [0] WatchMan500 Node Manager (3.40.00)
 - [5] Slot - [112] Generic Comms Device Handler (1.07.00)
 - [6] Slot - [1] ADC Input (2.13.00)
 - [9] Slot - [53] YSI Thermistor (1.11.00)
 - [12] Slot - [63] Nortek ADCP (1.16.03)
 - [13] Slot - [49] SeaBird CTD Handler (4.18.01)
 - [15] Slot - [44] Generic Datalogger (1.27.03)
 - [16] Slot - [44] Generic Datalogger (1.27.03)
 - [S] Node (System)
 - [0] Slot - [250] WatchMan500 System Manager (3.37.00)

Status: Closed