

- Access to data logged by


## AHD-WNL

- Easily comprehensible


## graphic presentation

- Export selected data to Microsoft Exce ${ }^{\circledR}$

Böning Automation Technology GmbH \& Co. KG provides the visualization software AHDCharting as a valuable aid for monitoring vessels.
AHD-Charting complements the AHD-WNL (Monitoring \& Control with iPad ${ }^{\circledR-}$ Integration) installed on board.

AHD-WNL logs the data of ship system channels set up during the system configuration, allowing their export to Microsoft Excel ${ }^{\circledR}$ and viewing on the vessel's displays. AHD-Charting expands AHD-WNL's functionality with the easily comprehensible graphic presentation of the logged data.

AHD-Charting can be downloaded from the manufacturer's website
AHD-Charting is suitable for PCs and laptops with Microsoft Windows XP or later. Apart from an Ethernet cable, no other hardware is required.

The logged data are available in AHD-Charting after completing the software's simple installation procedure and establishing the connection to AHD-WNL. No additional configuration is required for AHD-WNL or the vessel's Böning system.

In the graphic presentation, the user can view individual values, move the displayed curve, enlarge value ranges by zooming, and export their data in Microsoft-Excel ${ }^{\oplus}$ 's xls-format.

## Selecting Logged Channels

| L AHD | -Charting 1.1 b |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| File Export |  |  |  |  |  |  |
| WNL: | 192.168.3.10 | Disconnect | Channel: | $\checkmark$ | Add | Remove |
|  |  |  |  |  |  |  |
|  |  |  |  | I.I.O: Data Fail. SASI5 (Loc.: ER Panel 24VDC) <br> I.I.I: Fuel Tank Level PS |  |  |
|  |  |  |  | 1.1.2: Fuel Tank Level SB |  |  |
|  |  |  |  | 1.1.3: Engine Room Temperature |  |  |
|  |  |  |  | I.I.4: External Temperature |  |  |
|  |  |  |  | 1.1.5: Engine Battery Voltage |  |  |
|  |  |  |  | 1.1.6: Option EU - USA |  |  |
|  |  |  |  | 1.1.7: Service Battery Voltage |  |  |
|  |  |  |  | I.I.8: Generator Battery Voltage |  |  |
|  |  |  |  | 1.1.9: Stern Thruster Batterie Voltage |  |  |
|  |  |  |  | I.1.10: Black Water Tank Level |  |  |
|  |  |  |  | I.I.II: Grey Water Tank Level |  |  |
|  |  |  |  | I.I.12: Fresh Water Tank Level |  |  |
|  |  |  |  | I.I.13: Bow Thruster \& Anchor Winch Battery Voltage |  |  |
|  |  |  |  | I.1.14: Chain Counter |  |  |
|  |  |  |  | I.I.15: Generator 2 Battery Voltage |  |  |
|  |  |  |  | 1.1.16:7.1 or 8.1 (OUT 4.1) Bilge Pump Engine Room Front |  |  |
|  |  |  |  | 1.1.17: 7.2 or 8.2 (OUT 4.2) Bilge Pump VIP Cabin |  |  |
|  |  |  |  | I.I.I8: 7.3 or 8.3 (OUT 4.3) Bilge Pump owner Cabin |  |  |
|  |  |  |  | I.I.19: 7.4 or 8.4 (OUT 4.4) Bilge Pump Crew Cabin I.I.20: 7.5 or 8.5 (OUT 4.5) PS Engine Battery Switch ON/OFF |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  | I.1.21: 7.6 or 8.6 (OUT 4.6) Generator Battery switch ON/OFF |  |  |
|  |  |  |  | 1.1.22: 7.7 or 8.7 (OUT 4.7) Anchor Winch Battery Switch ON/OFF |  |  |
|  |  |  |  | 1.1.23: 7.8 or 8.8 (OUT 4.8) Bow Thruster Battery Switch ON |  |  |
|  |  |  |  | 1.1.24: 7.9 or 8.9 (OUT 4.9) Bow Thruster Battery Switch OFF |  |  |
|  |  |  |  | 1.1.25: 7.10 or 8.10 (OUT 4.10) Reset Alarm External Devices |  |  |
|  |  |  |  | 1.1.26:7.11 or 8.11 Grey Water Pump |  |  |
|  |  |  |  | 1.1.27: 7.12 or 8.12 Black Water Pump |  |  |
|  |  |  |  |  |  |  |

## Zooming



## Technical Data/System Requirements

| Operating System | WINDOWS ${ }^{\circledR}$ XP or later |
| :--- | :--- |
| Used Disk Space | 20 MB |
| RAM | 250 MB |
| Ports | Ethernet |
| Languages | English |
| Other | Installed and running |
|  | AHD-WNL |

