



**NAUTALERT**

**USER MANUAL**

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# 1. GENERAL INFORMATION

## 1.1. System Overview

The NautAlert solution allows you monitor your vessel via mobile, tablet or desktop. It is available on Apple App Store and Google Play. The app allows you monitor everything going on with your boat. It is also easy to navigate, simplistic and informative, It has an integrated display that gives users the ability to see the boat's systems in real time.

## 1.2. Manual Organization

This manual focuses on the following sections: General Information, the NautAlert Display and the NautAlert App.

General Information Section gives an overview of the system and the purpose for which it is intended.

The NautAlert Display and App cover the various parts and the functions of these sections.

# 2. NAUTALERT DISPLAY

## 2.1. GPS Signal Status

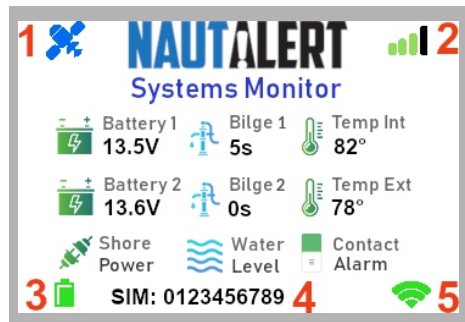
The satellite icon will appear blue if a 3D GPS position can be determined via tracked satellites. If no position can be obtained, the icon will appear black.

## 2.2. Cell Signal Status

The number of green bars indicates the signal strength of the cellular signal. If no cellular signal is available, all bars will be black with a small black X in the upper left hand corner.

## 2.3. Backup Battery Level

The battery will show as green if the battery has more than 66% charge remaining. Yellow when only 33% charge is remaining. And red if the battery is discharged or has less than 33% life remaining.



## 2.4. System Status Area

This area will show you the SIM ID of your unit and any information that may be required for the unit setup to support.

## 2.5. WiFi Signal Strength

If your unit is connected to WiFi, the signal strength will be indicated with an increasing number of green bars. If no signal is detected or WiFi is not configured, the bars will be black.

# 3. NAUTALERT APP

## 3.1. Systems

Once you log into the app, the Systems page is the default page showing you the status of your boat's systems. You will see your boat's name as configured in the "Vessel Information" section along with the time since data was last received from your NautAlert and the city of the last GPS location.

Each system is displayed along with the value of the last data received. Battery values are shown in Volts (v), bilge pumps show total seconds (s) of run time in the past 5 minutes, and temperatures are shown in degrees Fahrenheit.

Batteries show in green if the voltage is greater than the set threshold in the Alerts section and red if they are lower than that voltage. Bilge pumps will show as blue when below the Alert threshold and red when it is exceeded. Since the temperature settings have both low and high values, the thermometer icon will display as blue when below the set Alert, red when above the set alert and green under normal conditions.

If no contact alarm is connected, the unit will show the icon in red. If no high water alarm is connected, the default icon display is blue.

Shore power and the contact alarm are shown in green when connected or red if disconnected. The high water alarm will show blue under normal circumstances and red when activated.

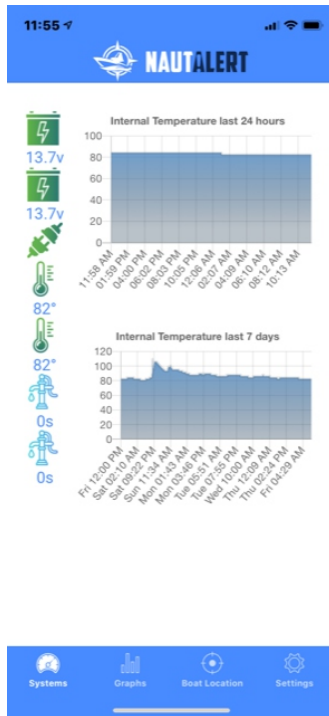
Selecting any icon will take you to the Graphs page and show you a 24 hour and 7-day graph of the data for that particular system.

### 3.2. Graphs

You can view the status of different systems over time. Two graphs are displayed: 24 hours and 7 days. Being able to see what is happening to your systems over time will enable you to spot problems before they occur. Are your batteries slowly draining due to a bad charger? Are your bilge pumps running more often and longer than expected?

On the left hand side are the list of ship's systems and their current status. (Green, blue, or red) Select a specific system to see graphs of the data reported. Selecting different systems will update the graphs on the page for that particular system.

The top graph will show you data from the last 24 hours while the bottom graph will show you values for the past week. The X-axis will show you times and/or date the data was recorded with the most recent data to the right.



### 3.3. Boat Location

Selecting this page will show you the last reported GPS location of your boat. It will also give the option to set anchor alarm, turn off shore power alarm, see past trips you've taken and get graphs of system functions.

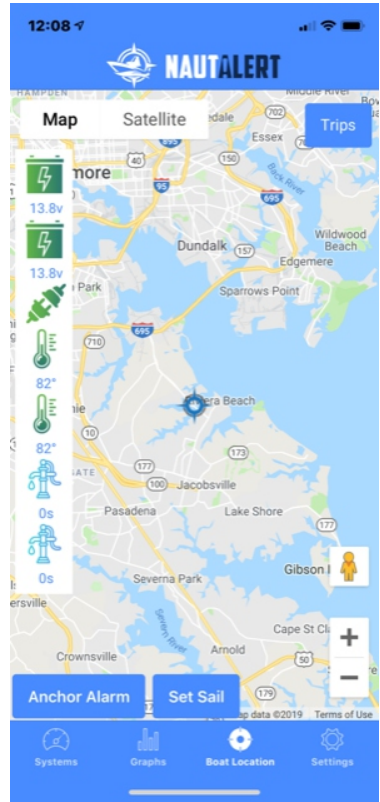
#### 3.3.1. Disabling shore power alerts

When preparing to get underway from the dock, select "Set Sail" from the bottom of the screen. This will disable the shore power alarm so no text message or e-mail alerts are sent out. A prompt will ask if you want the shore power alerts disabled. Once enabled, the blue "Set Sail" will be changed to a red "Tie Up" button. When you have returned to the dock and tied up your boat, select "Tie Up" to re-enable the alerts.

#### 3.3.2. Anchor Alarm

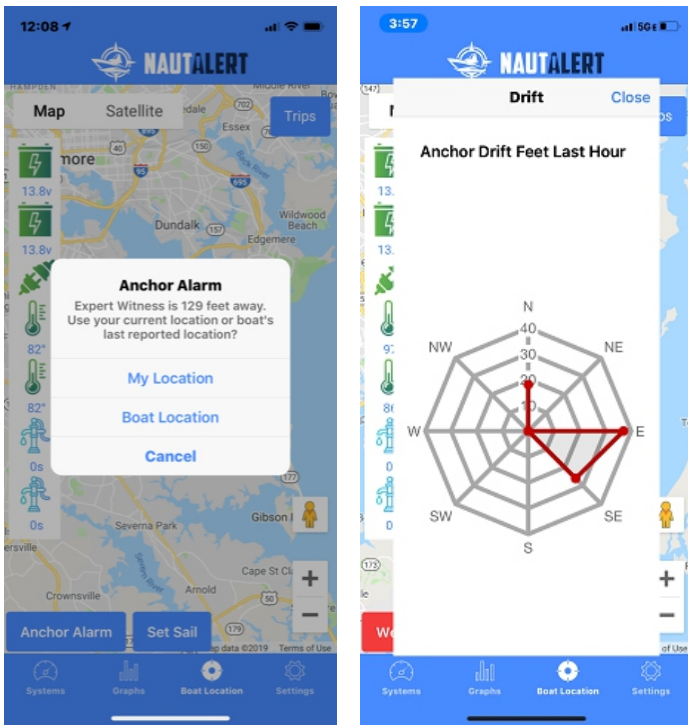
NautAlert's anchor alarm is typically accurate to within less than 40ft depending on the mounting location of the unit and the GPS antenna. The anchor alarm can be used for two purposes, alerting you to your boat dragging the anchor or in the case of being tied up to the dock, potential theft or unauthorized use.

Enable the anchor alarm by selecting the blue Anchor Alarm button at the bottom left of the display. Note that the last GPS location of your boat maybe 5 minutes or more old. So when enabling the anchor alarm, it is best to wait at least 10 minutes after you have anchored out or tied up to enable the alarm. If the GPS location of your mobile device is within several hundred



meters of the last recorded position of your boat, you can choose to use your device's GPS location or your boat's last reported location. The location of your mobile device will be highlighted with a red balloon while your boat will be shown in a NautAlert crosshair.

Once activated, the blue Anchor Alarm button will change to a red "Weight Anchor" button. An additional button on the right will be displayed labeled "Drift." Selecting Drift will pop-up a window showing you how far and in what direction your boat has drifted over the past hour. This helps to let you know if you are drifting closer to or further away from shore or other obstacles.



### 3.3.3. System Graphs

The current status and value of the particular system are listed here. Selecting any of the boat's systems on the left will take you to the Graphs screen.

### 3.4. Settings

This page allows you to set up your profile and connection. It involves providing information about yourself, your vessel, your preferred type of alerts, alert frequency and your preferred connection method.

#### 3.4.1. User Information

Your e-mail address and cell phone number are required to receive Alerts. If you are not receiving e-mailed alerts, check the spam folder from your e-mail provider.

#### 3.4.2. Vessel Information

Enter the specifics of your vessel so that content can be customized to your specific boat.

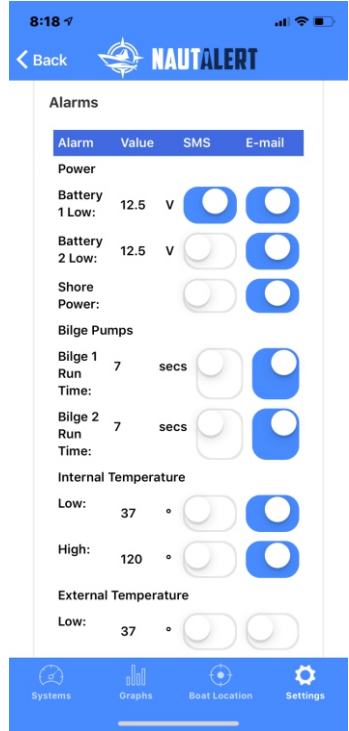
#### 3.4.3. Alert Settings

While being able to monitor your boat's systems is handy and informational, the real power of NautAlert is in the Alerts. Alerts can be e-mailed or sent via a text message (SMS). You can change your battery voltage settings, bilge run times, temperatures, anchor distance and other options in the Value column.

To receive e-mails or text messages, you'll need to make sure your information in the User Information section is accurate.

#### 3.4.4. Unit Setup

After installing your unit on your boat, the unit is activated by registering it online (or through the app) and connecting it to a power source. This can be done by connecting a USB cable to the shore power connection or through Battery 1. If your unit is equipped with a backup battery, the battery will become active once power is applied to the unit. Your NautAlert will begin reporting data via the cellular network with no other configuration.

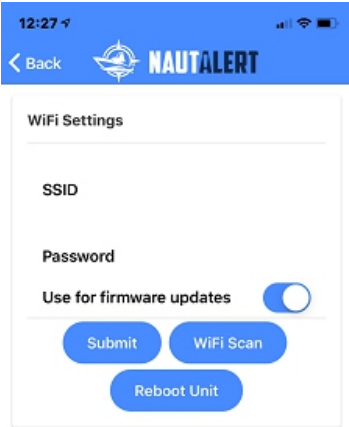




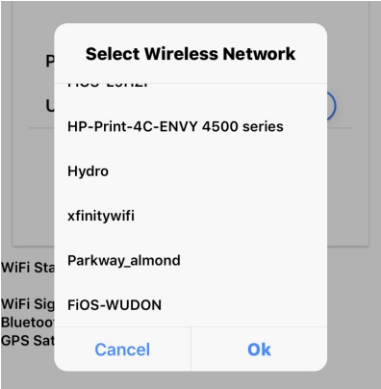
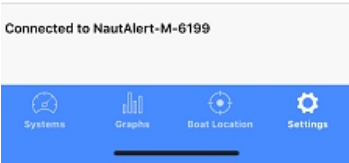
Connecting your unit to a WiFi connection will allow for the automatic downloading of firmware updates as well as reporting the data via the WiFi connection. Should you travel outside of cellular range, you can have your unit connect to a marina WiFi hotspot or satellite connection. The data collected by your NautAlert, including GPS location, will be uploaded through your WiFi connection.

To configure your unit to connect to a nearby WiFi network, go to the WiFi Setup menu under the Settings section of the NautAlert app. The app will use Bluetooth to search for your nearby NautAlert unit. Once your unit is found, it will automatically connect and show you the current WiFi status along with the number of tracked GPS satellites. From this screen, you can enter the wireless SSID and password for your WiFi network.

Pressing “WiFi Scan” will have your NautAlert scan for available 2.4GHz wireless networks. Selecting the network name will populate the SSID field.



WiFi Status: Connected  
WiFi Signal: -51 dBm  
Bluetooth Signal: -79  
GPS Satellites Tracked: 9,0



## 4. UNIT INSTALLATION

Your NautAlert unit can use up to three power sources: the USB cable (shore power connection), Battery 1 and the optional, internal backup battery. The primary power source will always be the shore power connection. Battery 1 will automatically be used when shore power is disconnected. Both the shore power and Battery 1 will charge the internal backup battery.

Plug the USB charger into an available AC outlet on your boat. Connect the USB cable from the NautAlert unit to the charger.

If your unit has a backup battery, it will automatically become active once the unit is powered up. Keep this in mind if you plan to test the unit before installing it as the unit will stay active until the backup battery runs down. So you may want to leave it connected to power after installing it.

When connecting sensor wires, always double check that the red and black wires of each cable match up before connecting them. In the picture below, you can see that both red cables are at the bottom of the image. If they are crossed, do not connect them as damage may occur.



Only NautAlert approved cables should be used. Using a different cable may cause damage to your NautAlert unit or your boat!



Once the cables are connected, make sure they are firmly connected with no gap in between to ensure no water intrusion into the connector.

# 5. TERMS AND CONDITIONS

## DEFINITIONS

"Parties" means Subscriber and the Company. "Subscriber" means the person under this Agreement who will be using the Equipment and primarily responsible for the payments due under this Agreement. "Equipment" means the personal emergency response system, personal transmitter(s) and any other accessories or devices the Company loans to Subscriber under this Agreement.

### SUBSCRIBER MUST ACTIVATE THE EQUIPMENT TO RECEIVE MONITORING SERVICES

## MONITORING SERVICES

"Monitoring Services" consists solely of monitoring service equipment sending an e-mail or text message (SMS) to the e-mail or cell phone provided during activation.

## ASSIGNEES AND SUBCONTRACTORS

Subscriber may not assign any part of this Agreement. Company may, in its sole and absolute discretion, assign this Agreement, or any portion of it. The Company may subcontract for the Monitoring Services and other services that may result from this Agreement. Subscriber acknowledges and agrees that the provisions of this Agreement inure to the benefit of and are applicable to any and all subcontractors engaged by Company to provide any of the services mentioned herein, and bind Subscriber to such subcontractors with the same force and effect as they bind Subscriber to the Company. The Company shall have no liability for any negligence, breach of contract, tort, product liability, or any other theory of recovery before or after the services have been subcontracted.

## PAYMENT

Subscription Fee payments shall be made to the Company at the beginning of each Term until termination of this Agreement as provided herein. Payment of the Subscription Fee is due at the beginning of each Term on the same day of the month as the Effective Date. If no such day of the month exists for the next Term (for example, if the Effective Date is the 31st of a month where the following month only has thirty (30) days), then the beginning of each subsequent Term shall be the 1st of the following month. Subscriber authorizes the Company to automatically withdraw from the bank account or charge the credit card on file for all amounts due upon the due date. Upon the written request by Subscriber, Company will provide a written billing statement of any amounts paid and/or balances due. Subscriber agrees to pay all sales, service, property, use and local taxes, and any additional fees or charges arising under this Agreement. Balances over thirty (30) days past due will be subject to a monthly finance charge of one and one-half percent (1.5%). In the event it becomes necessary for the Company to undertake legal action to collect payments due under this Agreement, Subscriber agrees to reimburse all reasonable attorneys' fees associated with such collection actions, except where prohibited by law.

## TERM AND TERMINATION

The term of this Agreement is either monthly, quarterly, seasonally or annually ("Term") beginning when the first Subscription Fee for the initial Term has been successfully processed ("Effective Date") and will continue automatically for successive Terms unless and until terminated as provided herein. Notwithstanding anything to the contrary herein contained, Subscriber understands that there is a minimum commitment on their behalf for eight (8) months of Monitoring Services before this Agreement can be terminated. Except as otherwise provided herein, Subscriber may terminate this Agreement by providing thirty (30) days prior written notice to Company (thirty (30) days from receipt of said notice shall be the "Subscriber Termination Date"). Notice is deemed provided to Company when Company receives said notice. Any unused portion of prepaid monitoring beyond the minimum eight (8) months will be returned to Subscriber in form of an electronic or check refund within sixty (60) days of returning the Equipment. Upon providing notice to Subscriber, Company

may (i) automatically terminate this Agreement if it fails to receive payment from Subscriber within fifteen (15) days after payment is due and Subscriber does not cure the default by the stated termination date, or (ii) suspend Monitoring Services provided hereunder or terminate this Agreement at any time for any other reason, and will provide notice of the date services will cease ("Company Termination Date"). Upon termination by Subscriber or Company, the Company will stop providing Monitoring Services or other services to Subscriber. Subscriber understands this and agrees that the Company shall not be liable for any consequences resulting from the termination of the Monitoring Services including not responding to or notifying Responders of an Alert. The Company may reactivate the Monitoring Services upon receipt of any balances due and a reconnection fee of thirty-five dollars (\$35.00). If Monitoring Services are reactivated, this Agreement shall be reinstated in full force and effect.

## **EQUIPMENT INSTALLATION AND USE**

Subscriber must abide by the Company's written requirements for the installation and use of the Equipment which are found in the Welcome Booklet delivered together with the Equipment and are also available on our website [www.nautalert.com](http://www.nautalert.com). If Subscriber did not receive the Welcome Booklet with the Equipment, Subscriber must notify the Company within three (3) days after the delivery of the Equipment. Failure to timely notify the Company shall be deemed an acknowledgement of receipt of the Welcome Booklet. The Company reserves the right to update and modify the installation and use requirements of the Equipment from time-to-time. The Company will notify Subscriber in writing in the event of any such update or modification.

## **EQUIPMENT AND MONITORING**

The Equipment may include, depending on the plan selected, a cellular base station or mobile device. It is the Subscriber's sole responsibility to ensure that if using WiFi, it is operating properly. The use of DSL, WiFi or other broadband Internet service may prevent the Equipment from transmitting alert signals. If the Subscriber plans to install DSL, WiFi, or other broadband service, the Subscriber should test the Equipment IMMEDIATELY AFTER THE INSTALLATION OF SUCH INTERNET SERVICES. Some devices work with global positioning system (GPS) and collect data regarding Subscriber's location. Subscriber authorizes the Company to collect location-based information. The Company will only share the location-based information with Personnel, Responders or any other person or entity Company may designate. Furthermore, Subscriber expressly consents for Company, Personnel and/or Monitoring Service to record, store and use for any purpose all verbal communications with Subscriber.

## **REPAIRS & REPLACEMENTS**

If the Equipment becomes defective due to a defect in materials, workmanship or design within one (1) year after Purchase Date, the Company will replace the Equipment for free. Subscriber must deliver the defective Equipment to Company at its mailing address after receiving an Return Merchandise Authorization (RMA) so that the replacement may be issued, pending determination of defect. A replacement will not be issued for free if the defect was caused by accident, vandalism, negligence or mistake, violation of the installation and use requirements, flood, water, lightning, fire, abuse, misuse, casualty (including electric surcharge), attempted unauthorized repair service, extraordinary wear and tear, and any damage resulting from Force Majeure, in which case Subscriber authorizes the Company to withdraw from the bank account or charge the credit card on file a one-time assessment of four hundred dollars (\$400.00) for the cost of replacing the Equipment. Subscriber understands that Monitoring Services will be suspended until the replacement is reactivated properly.

## **LIMITATION OF THE EQUIPMENT AND THE MONITORING SERVICES**

THE EQUIPMENT AND MONITORING SERVICES ARE NOT A SUBSTITUTE FOR CALLING 911. IF SUBSCRIBER NEEDS IMMEDIATE EMERGENCY ASSISTANCE DIAL 911. The Company is not responsible for the promptness, sufficiency or adequacy of the action or inaction of any Responder. The Company will not send any of its staff to the Premises in response to an emergency signal or an Alert. Neither the Equipment nor the Monitoring Services can prevent death, personal injury, or any other harm or damage to the Subscriber, its property, or others. The Equipment and the Monitoring Services rely on the availability of cellular service providers, cellular network coverage, wireless towers, internet and/or the availability of GPS data (hereinafter

collectively, "Factors") to operate properly. These systems are provided by a third party and cannot be controlled by the Company. It is possible that weather conditions, topography and tall buildings or other structures (hereinafter collectively, "Conditions") interfere with the proper operation of the Equipment and the effectiveness of the Monitoring Services. There is also a risk that the Equipment may fail to operate properly for any other reason. Because Factors and Conditions are constantly changing and are beyond the control of the Company, the Company cannot notify Subscriber of any changes to the effectiveness of the operation of the Equipment and Monitoring Services. It is the responsibility of the Subscriber to make sure that the Equipment and Monitoring Services are operating properly. Subscriber should test all Equipment monthly (or more often, as Subscriber deems fit). The Parties agree that the Company, its agents, assigns and Representatives, shall not be liable for any loss, damage or injury resulting from the Equipment or Monitoring Services not operating properly.

## **INSURANCE**

The Company is not an insurer. The Subscription Fee is based solely on the services provided or arranged by the Company under this Agreement. Therefore, Subscriber shall maintain insurances (medical, disability, property, casualty and life insurance) in an amount sufficient to provide full and complete coverage for any loss, damage, or expense that may be sustained by Subscriber, Subscriber's family, invitees, licensees or others. The Company, its agents, assigns and Representatives are hereby forever released for all such loss, damage and expense.

## **SUBROGATION RIGHTS**

By installing this equipment, Subscriber waives any rights Subscriber's insurance company may have to sue the Company or its Representatives for money paid to Subscriber, or on Subscriber's behalf, for any claims that arise under this Agreement or otherwise.

## **LIMITATION OF LIABILITY**

IF ANY LIABILITY ARISES ON THE PART OF THE COMPANY, ITS OFFICERS, MANAGERS, MEMBERS, SHAREHOLDERS, AFFILIATES, PARTNERS, EMPLOYEES, AGENTS, MANUFACTURERS, SUPPLIERS OR SUB-CONTRACTORS (COLLECTIVELY, "REPRESENTATIVES") FOR ANY PERSONAL INJURY OR DEATH OR ANY OTHER LOSS, DAMAGE, COST OR EXPENSE, PROPERTY DAMAGE OR OTHER LIABILITY ARISING OUT OF OR FROM ANY THEORY OF LIABILITY, INCLUDING TORT (WHETHER NEGLIGENT OR INTENTIONAL), CONTRACT, PRODUCT LIABILITY, STRICT LIABILITY, CONTRIBUTION, INDEMNIFICATION, BREACH OF A STATUTE OR OTHER RULE OR STANDARD OR ANY OTHER POSSIBLE CLAIM, INCLUDING ANY CLAIM FOR DATA BREACH OR ANY PRIVACY-RELATED CLAIMS, OUR LIABILITY WILL BE LIMITED TO TWO THOUSAND FIVE HUNDRED DOLLARS (\$2,500.00). FURTHERMORE, SUBSCRIBER AGREES AND UNDERSTANDS THAT NEITHER COMPANY NOR ANY OF ITS REPRESENTATIVES WILL BE LIABLE TO SUBSCRIBER OR ANY OTHER PERSON OR ENTITY FOR ANY GENERAL, DIRECT, SPECIAL, EXEMPLARY, PUNITIVE, INCIDENTAL OR CONSEQUENTIAL DAMAGES.

## **INDEMNIFICATION**

If anyone other than Subscriber, including Subscriber's insurance company, a third-party beneficiary, or a third-party beneficiary's insurance company, makes a claim against the Company or its Representatives or assigns for any loss, damage, cost or expense (including property damage, personal injury or death) arising out of, from, in connection with, related to, as a consequence of, or resulting from this Agreement or services provided herein for any reason, including (1) the active or passive, sole, joint or several negligence of any kind or degree by the company or any of its agents, assigns or Representatives, (2) improper operation of the Equipment or its failure to operate, (3) breach of contract, or (4) any claims for subrogation, contribution or indemnification, Subscriber agrees to indemnify, defend and hold harmless (without any condition that the Company or any of its Representatives or assigns pay first) for any loss, damage, and expense arising from such claim, including reasonable attorneys' fees, which may be asserted by the Company or any of its Representatives or assigns in connection with any and all such claims.

## **SEVERABILITY**

If any provision hereof (or portion thereof) or its application to any circumstances, is held illegal, invalid or unenforceable to any extent, the validity and enforceability of the remainder of the provision and of this Agreement, or of such provisions as applied to any other circumstances, shall not be affected thereby, and shall remain in full force and effect as valid, binding and continuing.

## **ENTIRE AGREEMENT**

This Agreement constitutes the entire agreement between the Parties concerning the subject matters of this Agreement and supersedes all prior or current negotiations, commitments, contracts, express or implied, warranties, express or implied, statements and representations, written or oral, pertaining to such matters, all of which are merged into this Agreement. Any amendment of this Agreement must be in a writing signed by the Parties. This Agreement shall be governed and construed in accordance with the laws of the State of Maryland, and is binding on Subscriber, his/her heirs, personal representative and estate.

## **DISPUTES, VENUE AND WAIVER OF JURY TRIAL**

Any dispute arising from this Agreement shall be brought in a court of jurisdiction in the State of Maryland. In the event that the Company institutes legal proceedings to enforce any provision of this Agreement, Subscriber agrees to pay the Company's reasonable attorneys' fees and costs, except where prohibited by law. EACH PARTY HEREBY WAIVES ANY RIGHT TO TRIAL BY JURY IN ANY SUIT, ACTION OR OTHER LEGAL PROCEEDING BROUGHT BY A PARTY ARISING OUT OF OR FROM THIS AGREEMENT.

## **WAIVERS**

A waiver of any breach under this Agreement will not be a waiver of any subsequent breach. The Company's rights under this Agreement are cumulative, and may be exercised concurrently or consecutively, and will include all remedies, even those remedies not referred to in this Agreement

## **WARRANTY ACKNOWLEDGMENTS**

SUBSCRIBER ACKNOWLEDGES THAT (A) ANY AFFIRMATION OF FACT OR PROMISE MADE BY COMPANY WILL NOT BE DEEMED TO CREATE AN EXPRESS WARRANTY; (B) THE COMPANY DOES NOT MAKE ANY EXPRESS OR IMPLIED WARRANTY (INCLUDING THE WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE) IN THIS AGREEMENT, IN ANY ADVERTISEMENT, OFFER OR BOOK..



**NAUTALERT**