

GLOBAL  
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TECHNOLOGIES

GOST



## GNT-1.0-IDP

### User / Installation Manual

The standard version in the Nav-Tracker family of tracking systems, it is designed for customers who only want tracking capabilities. Includes an arm/disarm button to control the geo-fence.

## Overview

Congratulations on the purchase of the GOST Nav-Tracker 1.0 IDP global tracking and security system for your vessel. This will deliver you tracking information from your vessel virtually anywhere in the world except for the extreme poles.

The first step to getting your system activated is to go to [www.GOST.com](http://www.GOST.com). Click on Activations at the top of the page to begin your registration for service. Make sure to reference your antenna information on this guide. Within 24 hours (M-F 8am-5pm) of the contract being submitted you will receive an activation completion e-mail from GOST. Follow the instructions on the completion email to login and view your vessels information.

## System Functionality

The Nav-tracker has a built in Geofence that places a 500 Meter radius (User adjustable on the [www.GOSTSpecter.com](http://www.GOSTSpecter.com) website from 500m to 8km) circle based off the current GPS position around your boat when armed. The Geofence can be armed / disarmed with either their mobile phone on the GOSTSpecter.com website or a latching pushbutton switch. The system should be disarmed when using the boat and armed when not using it. Should an armed vessel move outside this geofence, the latitude, longitude, speed, and direction of the vessel will e-mail and text message up to ten separate recipients every 15 minutes by default (User adjustable from 2 to 30 minutes on the GOSTSpecter.com website). Message timing cycles of your system are programmable after activation. Please reference the GOST Specter website guide for more information. It will be sent via E-mail to you upon successful activation of your GOST Nav-Tracker antenna.

## Antenna Activation

- To activate the GOST Nav-Tracker
- Go to [www.GOST.com](http://www.GOST.com) and select the ACTIVATIONS tab / SYSTEM ACTIVATIONS
- Create a new free account with GOST
- Activate a GOST Nav-Tracker
- Choose a service plan
- Add your purchase to the Shopping Cart and Proceed to Checkout
- Accept the GOST terms and conditions and complete your purchase!

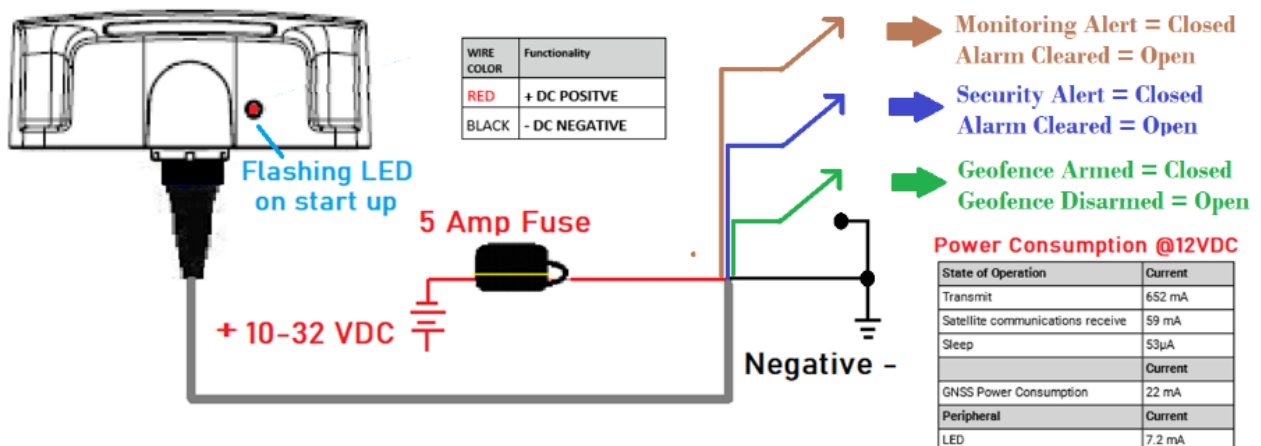
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## ARM/ DISARM PUSH BUTTON

The pushbutton should be located in a discreet but accessible location. This button will arm the geofence when latched in and disarm the geofence pushed out.

Connect the wires of the push button with the GREEN and BLACK wires coming from the antenna cable. The pushbutton is not polarity sensitive. It does not matter which two pushbutton wires are connected to the green and black of the antenna cable.

It is suggested that you use a heat shrink butt connector that is properly crimped.



## NAV-TRACKER ANTENNA LOCATION REVIEW

- Think Security. The location of the antenna is critical to proper system operation and should be toughly scrutinized.
- Mount the terminal onto or under a solid, or to a solid stable surface
- Fasten the terminal securely so that it is not loose and does not move easily.
- Mount the terminal so that the terminal's line-of-sight with the sky is clear of obstructions.
- For example in Eastern time zone in North America, a clear line of site towards 98W is needed. The antenna communicates its data to the Inmarsat Geostationary based satellite network.
- The antenna can penetrate up to 1/2 inch of solid fiberglass, making way for covert installs but keep away from secondary blockages like T-Tops that could prevent transmission.
- Ensure that any paint above the terminal is non-metallic and non-metallic flake, if the installation is under fiberglass or composite wind fairings.
- Locate the antenna a minimum of two feet away from **metallic obstructions** such as **handrails, rod holders** and **cleats**.
- Choose a location that is not blocked by **carbon fiber**
- *CAUTION* Mount the terminal at least 8 in. (20 cm) away from humans.
- DO NOT mount the terminal close to other electrical equipment due to possible radiated and/or conducted electromagnetic interference.
- DO NOT mount the terminal close to **radar** or other communications antennas. Keep a minimum of 3 ft VHF/UHF Antennas and 10ft from MF/HF or other satellite antennas.
- DO NOT mount the terminal where water may build-up, collect, or under constant spray
- DO NOT mount the terminal close to an exhaust pipe due to the excessive heat and the potential for the exhaust pipe causing satellite blockage.
- DO NOT mount the terminal close to air horns or emergency lights that could interfere with satellite communications.
- Check that the terminal's cable reaches the power source before you drill any mounting holes
- Keep the wire run covert whenever possible.
- Make sure that the antenna is facing up and underside is accessible to connect the antenna cable. Leave approximately four inches directly underneath the antenna to provide space for the connection.
- Whenever possible a dry run of the installation procedure and test the location beforehand.

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## ANTENNA MOUNTING LOCATIONS

Mounting location is extremely important and critical for obtaining optimal signal strength. Please adhere to the following suggested mounting locations. Other mounting locations may interrupt signal causing improper operation. Test location prior to install whenever possible and if terminal is activated assure client can see it behind their login at [www.GOSTspecter.com](http://www.GOSTspecter.com).



## NAV-TRACKER ANTENNA INSTALLATION

- Thoroughly read the “Nav-Tracker Antenna Location Review” on first page and install according to the criteria.
- Snake antenna cable from the chosen location to a constant DC power supply.
- Make sure to keep the sealed antenna connection at the antenna base
- Connect one\* of the black negative DC connections to the batteries negative.  
*\*If using a switch only use one of these black wires and allocate the other for the negative switch trigger input to the Arm/Disarm or alarm optional buttons (below).*
- Connect the red positive DC wire to the supplied fuse holder and then to the battery’s positive 12 or 24 VDC. *Sometimes connecting the positive to the hot site of a battery switch is a good covert option as well.*
- Place the 5amp fuse into the fuse holder.
- Connect the antenna cable end to the antenna.
- There is a RED LED Window on one side of the antenna. Assure the antenna is rotated to a position where the light is visible. When the unit is first powered up it will initially flash red a few times quickly, then flash slowly. *If the light does not flash, confirm power to the antenna.*
- Leave the antenna plugged in. Direct the owner to the sticker on the included user guide to activate the antenna.
- Pre-activate whenever possible and review operation with the owner, operator, crew of the vessel before leaving.



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Antenna

Location: \_\_\_\_\_

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Push Button

Location: \_\_\_\_\_

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Notes: \_\_\_\_\_

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