

TracNet Coastal Installation Checklist

Used to validate your installation



Vessel Name: _____ IMO: _____

Customer Name: _____ Install Date: _____

Installing Technician _____ Installing Company: _____

Installing Company Address: _____

City: _____ State/Province: _____

Postal/Zip Code: _____ Country: _____

Phone Number: _____ Email: _____

KVH Use Only

IMPORTANT! This checklist does not replace the Installation Guide. Be sure to follow all instructions provided therein. Then complete this checklist and email it, along with installation photos, to fieldservice@kvh.com.

Configuration

Select the KVH antenna system type that was installed on the vessel.

Antenna System Type*: TracNet Coastal Pro TracNet Coastal

Antenna Serial Number: _____ BDU Serial Number (if applicable): _____

** The TracNet Coastal Pro system is equipped with a Hub, whereas the TracNet Coastal system is equipped with a Power over Ethernet (PoE) injector.*

Approvals

By signing below, you attest that all required installation work has been completed to KVH's quality standards in accordance with the Installation Guide and any supplemental KVH documentation.

Installing Technician: (sign) _____ (print) _____

By signing below, you agree that the system has been installed to your satisfaction and deem the system ready for use.

Authorized Vessel Representative: (sign) _____ (print) _____
Owner, Ship's Master, or Designee

Ship's Electrician, if applicable: (sign) _____ (print) _____

If you have any questions about these requirements, please contact KVH Technical Support:

Continental U.S.A.: 1 866 701-7103

Worldwide: +1 401 851-3806

Email: fieldservice@kvh.com

Installation Checklist

Antenna model: _____

Vessel name: _____ IMO: _____

No.	Requirement	✓
Antenna		
1	The antenna is mounted with a clear view of the horizon, to the best extent possible. Location description: _____ Take photos of the antenna installation from all directions. Send these photos to KVH with this form.	
2	The antenna is mounted outside the beam path of the radar and high-power radio transmitters. It is at least the minimum distance away from the radar, as specified in the Installation Guide.	
3	The antenna is mounted on a flat, level surface/pedestal capable of supporting the antenna's weight under all environmental conditions.	
4	Prevention of RF radiation exposure was taken into consideration when choosing a mounting location.	
5	The "Forward" arrow inside the baseplate points towards the bow and is parallel to the vessel's centerline.	
6	Anti-seize lubricant was applied to the threads of the mounting bolts.	
7	The rubber feet are bottomed against the mounting surface and the foam seal is fully compressed.	
8	A protective plastic cap is installed over each radome screw.	
BDU		
9	The BDU is installed properly in a cool, dry location that provides good ventilation. Location description: _____ Take photos of the BDU installation. Send these photos to KVH with this form.	
10	The BDU status indicators are visible to the user.	
11	TracNet Coastal Pro: The BDU is in a location that provides good Wi-Fi reception (if customer requires wireless access to it).	

Installation Checklist

Antenna model: _____

Vessel name: _____ IMO: _____

No.	Requirement	✓
Wiring		
12	The supplied Ethernet cable was used to connect the antenna to the BDU.	
13	The antenna cable connection above deck is protected against water and corrosion.	
14	The antenna cable is strain-relieved at both ends – near the antenna and BDU connections.	
15	The antenna cable is protected from abrasion and free of stress, twists, and kinks. Minimum bend radius is maintained throughout, and a 14" (35 cm) minimum service loop is present at each end.	
16	The cable access hole above deck was sealed as necessary to prevent water from seeping into the vessel.	
17	All wiring conforms to the system wiring diagram provided in the Installation Guide.	
Power and Grounding		
18	The BDU is hard-wired to an appropriate 10-30 VDC power source. Power supply brand/model: _____ Specs (voltage/amperage): _____	
19	The supplied ground wire is connected from the ground point on the BDU to the ship's common ground.	
20	Using a multimeter, measure and record the DC voltage then AC voltage between the ground point on the BDU and the ship's common ground. The measured voltage should be < 2V for both. Measured DC: _____ Measured AC: _____	
Configuration		
21	User passwords and network settings were configured at the setup wizard.	
22	The latest version of antenna system software is installed.	

Installation Checklist

Antenna model: _____

Vessel name: _____

IMO: _____

No.	Requirement	✓
Testing and Handover to Customer		
23	During startup, all status indicators on the BDU and web interface showed normal status.	
24	System performance is not degraded when you turn on all other electronic equipment in the antenna's vicinity.	
25	Cellular and Wi-Fi WAN connections were tested OK, if available.	
26	If a UPS is installed, it was tested to provide backup power for at least 5 minutes.	
27	The customer was educated about the following: system operation, radiation hazard area, administrator/guest/Wi-Fi passwords, and KVH Manager tools.	
28	The Welcome Kit, containing the Installation Guide and Quick Start Guide, was provided to the customer, and the customer knows how to find additional information in the Help.	
Notes		