

TracPhone[®] V3 Installation Checklist

Please complete to validate your installation



Installation Information

Vessel Name: _____ Customer Name: _____

Antenna Serial Number: _____ Installation Date: _____

Installing Technician: _____ Installing Company: _____

Company Address: _____

City: _____ State/Province: _____

Postal/Zip Code: _____ Country: _____

Phone Number: _____ E-mail: _____

Installation Quality Check

Antenna Unit	
	The antenna is mounted in a blockage-free area, with a clear view of the sky. Location description: _____
	The antenna is mounted away from other antennas and compasses and outside the beam path of radar(s).
	The antenna is mounted on a flat, level surface/pedestal capable of supporting the antenna's weight of 25 lbs (11.3 kg) under all environmental conditions.
	RF radiation exposure was taken into consideration when choosing a mounting location.
	The "Forward" arrow inside the baseplate is pointing towards the bow and is parallel to the vessel's centerline.
	Both shipping restraints have been removed.
	The cable access hole was sealed as necessary to prevent water from seeping into the vessel.
	Anti-seize lubricant was applied to all four mounting bolts.
	The four rubber feet are bottomed against the mounting surface and the foam seal surrounding the cable access hole is fully compressed.
Belowdecks Equipment	
	All belowdecks equipment is installed in a dry location that provides good ventilation. Location description: _____
	The front panels of the control unit and modem are easily accessible to the user.
	All cables are strain-relieved at the back of the modem and control unit using the supplied bracket(s).
	If the customer has a wireless access point (WAP), it is placed in a location that provides good WiFi reception.

Continued on reverse...

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Installation Quality Check *(continued)*

Wiring	
	Appropriate 75Ω RF cables connect the antenna to the modem (RX, TX). These cables were terminated at both ends with the correct "F" connectors using the proper tools, exactly to the manufacturer's specifications. The center conductor pin at each end is 1/4" (5-7 mm) in length, measured from inside the nut to the tip. Cable length: _____ Cable type used: _____ Connectors used: _____
	If LMR-400-75 or LMR-600-75 cables are used, the supplied RG-11 pigtail cables connect them to the antenna.
	All RF cable connections above deck are protected against seawater and corrosion using DOW Corning #4 silicone grease (inside the connectors) and silicone sealant or equivalent (outside the connectors).
	RF cables are strain-relieved, protected from abrasion, and free of stress. A minimum 4.5" (11.5 cm) bend radius [or 6" (15.3 cm) for LMR-600-75] is maintained throughout, and service loops are present where appropriate.
	All RF cable connections were tightened to 20 inch-pounds of torque.
	All wiring conforms to the system wiring diagram provided in the Installation Guide.
	Straight-through (not crossover) Ethernet cables were used to connect the switch and MTA.
	The customer's analog phone is connected to the PHONE 1 jack on the MTA. Nothing is connected to PHONE 2.
Power and Grounding	
	If the vessel is limited to two-phase, split-phase, or delta AC power, either (1) an isolation transformer was installed to supply single-phase power to the antenna, or (2) the customer granted permission to run the antenna system on two-phase power, which will cause a small amount of leakage current onto ship's ground.
	The difference between the equipment's chassis ground and ship's ground measures < 25 volts.
	The vessel's electrical system provides grounding according to commercial marine standards.
Configuration	
	The latest software versions are installed in the antenna and control unit.
	RF radiation hazard zones were configured according to the customer's requirements.
	TCP/IP properties were correctly configured on the customer's networked computer(s).
Testing	
	During startup, all system indicators showed normal status.
	The system was tested by connecting to the KVH Test Page: http://208.83.165.11/mbbtest .
	The customer was educated about service activation, system operation, radiation hazard, and fees.

Please fax or e-mail this form to the appropriate KVH Airtime Services Department:

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