



## Capricorn Maritime Card Installation Note

This installation note is applicable for SkyEdge II-Capricorn Maritime Card (P/N 6010000340011).

To install the SkyEdge II-c Capricorn Maritime Card, the installer must:

- Have relevant technical background
- Have the Maritime Card configuration parameters available



VSAT AC and DC power supplies are provided by Gilat. If the power to the VSAT is not through an AC or DC adaptor (e.g., batteries, solar panels, rectifier ETC), the power solution must be approved by the Gilat Technical Support.



### CAUTION

■ **THE CAPRICORN MARITIME CARD MUST BE GROUNDED PRIOR TO INSTALLATION BY ATTACHING ONE END OF THE GROUNDING CABLE TO THE GROUNDING STUD ON THE REAR OF THE CAPRICORN MARITIME CARD, AND THE OTHER END TO THE SITE MAIN GROUND CONNECTION.**

■ **THE CAPRICORN MARITIME CARD MUST BE CONFIGURED PRIOR TO ATTACHING THE RF CABLES.**

■ **THE POWER CABLE MUST BE DISCONNECTED FROM THE CAPRICORN MARITIME CARD PRIOR TO CONNECTING THE RF CABLES.**



### CAUTION

**IN ORDER TO PREVENT DAMAGE TO THE RF CONNECTORS, SECURE THE CABLES TO A PERMANENT, STATIC OBJECT SUCH AS A TABLE OR PIPE, AT A DISTANCE OF 25-60 CM (10-25 IN.) FROM THE CAPRICORN MARITIME CARD, PRIOR TO CONNECTION.**

### General Precautions

- Do not place the Capricorn Maritime Card in a location that would deviate from typical ambient environmental conditions of temperature, humidity, and moisture.
- Do not place any object on top of the Capricorn Maritime Card.



### WARNING

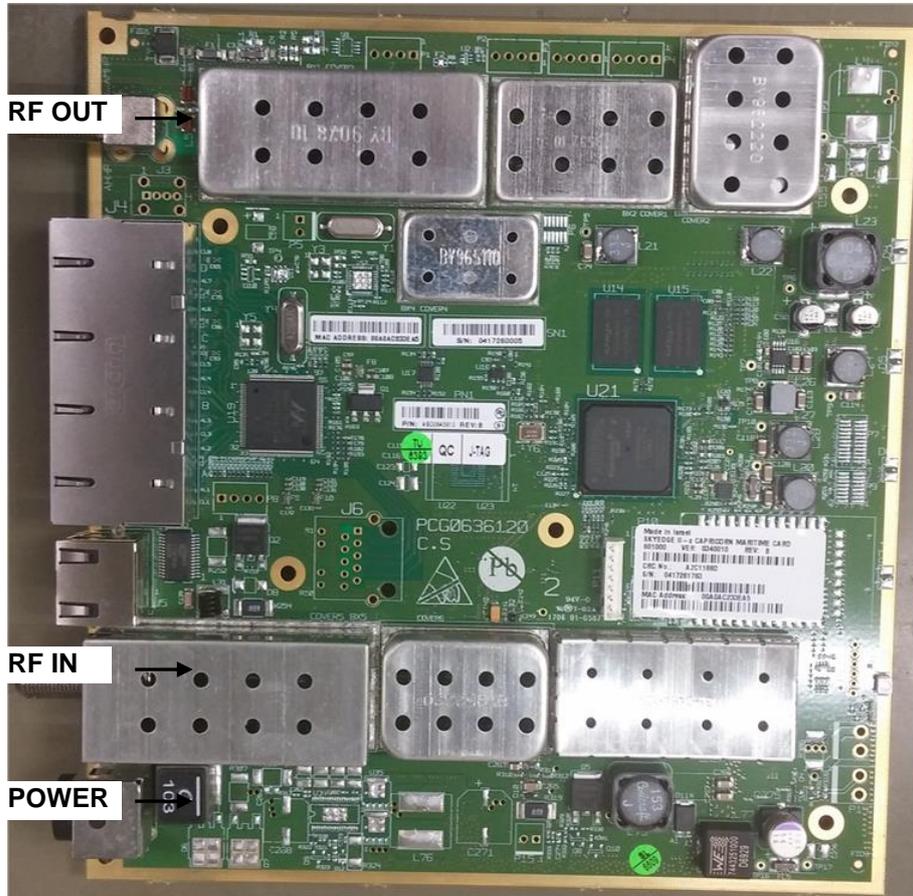
**BEFORE INSTALLING THE UNIT, VERIFY THAT THE ANTENNA AND AC POWER CORD ARE GROUNDED SO AS TO PROVIDE PROTECTION AGAINST VOLTAGE SURGES AND STATIC CHARGES.**

**SECTION 810 OF THE US NATIONAL ELECTRICAL CODE, ANSI/NFPA 70, AND SECTION 54 OF THE CANADIAN ELECTRICAL CODE PROVIDE INFORMATION WITH REGARD TO PROPER GROUNDING OF THE MAST AND SUPPORTING STRUCTURE, GROUNDING OF THE LEAD-IN WIRE TO AN ANTENNA DISCHARGE UNIT, SIZE OF GROUNDING CONDUCTORS, LOCATION OF ANTENNA DISCHARGE UNIT, CONNECTION TO GROUNDING ELECTRODES AND REQUIREMENTS FOR THE GROUNDING ELECTRODE.**



## Capricorn Maritime Card Installation Note

Place the Capricorn Maritime Card on an even, flat surface.



**Figure 1: Capricorn Maritime Board**

### **Connecting RF Cable**

Connect the two RF cables to the RX and TX connectors, respectively, as shown above, using a recommended torque of 13 lb\*ft/in (1.5 N/m).

### **Connecting Power**

Connect the power through the Power cable.