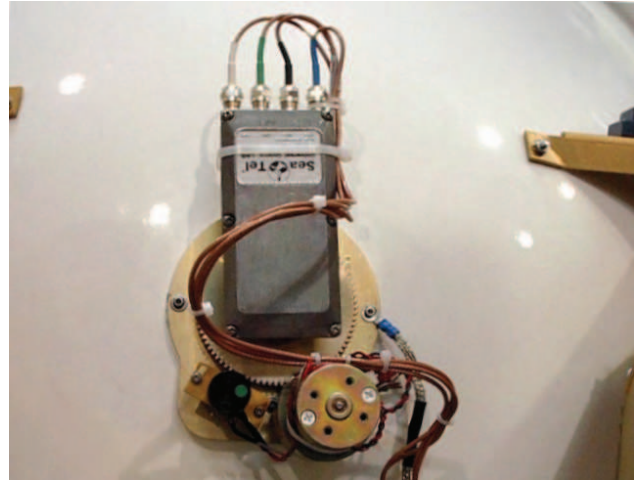


1. Open the radome hatch or remove radome top.
2. Target a Satellite **Longitude** that is the same as the Ships current Longitude. This will cause Auto-Polarization to rotate the current LNB to a vertical position (straight up), and the ACU polarization will be 120.
3. You may need to rotate the antenna to access the back of the dish.
4. Note that with the Cross-Level beam level, the body of the current LNB is vertical (straight up).



5. If you are replacing the LNB with the same style LNB, loosen the Allen set screws on the existing LNB mounting collar (three set screws, 120 degrees apart) and extract it from the mounting collar. If you are changing the LNB to a different style LNB, loosen the four screws that attach the mounting collar to the driven gear and remove the LNB and mounting collar.
6. Insert the new LNB (same style) into the mounting collar, assure it is seated all the way into the mounting collar tube, rotate the LNB as needed to align the center of the body of the LNB to a vertical position (straight up) and tighten the set screws. Mount the (different style) new LNB into the mounting collar. Assure that the LNB is seated all the way into the mounting collar tube, rotated to align the center of the body of the LNB to a vertical position (straight up) and tighten the setscrews.



7. Transfer the coax cables from the old LNB to the new LNB, assure that the correct color coax is attached to the correct port on the LNB as well as the below deck active matrix switch. Below is Sea Tel's recommended coax color code.

Dual Circular LNB

RHCP (Blue)

LHCP (White)

Dual Linear LNB

Vertical (Blue)

Horizontal (White)

Quad Linear LNB

Horizontal High (Black)

Vertical High (Green)

Horizontal Low (White)

Vertical Low (Blue)

8. Close the radome hatch or re-install the radome top and tighten radome hardware.
9. Verify that the LNB operating properly and resume normal operation.



7.4.2. Replacing the PCU

It is highly recommended that all saved Parameters in the suspected failed Pedestal Control Unit (P/N 122203) be recorded so they can be duplicated in the replacement PCU. Use either the DAC2200 or DacRemP to record the following parameter settings; Remote Command responses to N0999, N1999, N2999, N3999, N7999 commands and the Remote Monitor message of the Remote command S0000.

Left Side El Pan Cover must be removed to access the (PCU)

Tools Required:

- 1/2" Nut driver or Wrench
- #2 Phillips Head Screwdriver
- 3/8" Nut driver or Wrench
- 2 mm Flat Blade Screw Driver
- Loctite 222 or equiv.



NOTE: Unless otherwise indicated, all nuts and bolts should be assembled with Loctite 222 or its equivalent.