

# GP3X LORAN C Setup Instructions

## (GP30, 31, 32, 35, 36 & 37)

**SUBJECT:** GP- 3X series Loran C setup procedures

**PROBLEM:** Waypoints are incorrect after Loran C setup.

**IMPORTANT:** The following steps **must** be done prior to entering any data into the GP3X.

- Connect unit and power up as normal.
- Allow unit to acquire satellites and display a stable position fix. (3D displayed on screen).
- Select **LOP SETUP** form **MAIN MENU**.
- Change **[LAT/LON]** to **[LC LOP]**.
- Using LORAN C chart from owners manual enter proper GRI Chain information into [LORAN C:] (Ex: 7980)
- Using LORAN C charts from **owners manual**, enter **secondary** numbers (**TD's**) located next to the GRI number on the GP 30/35 screen. **NOTE:** You must determine the local area numbers, i.e. where the boat is located and use the numbers from the chart that are closest to, but under, the local area numbers. (EX. Local numbers are **14445.6** and **45435.6**, select **11** and **43** from chart an input into unit, located on same line as the **LORAN C:** information.)
- Display **NAVIGATION SCREEN** on GP-3X.
- Position vessel at a known LORAN C location for reference.
- Use LORAN C, paper chart or other source to derive LORAN numbers for reference.
- Compare **first** number of GP-3X to LORAN **reference number** and **subtract the two numbers**.
- Input the **difference** of the **first two** numbers into **LOP1** on **the LOP SETUP** menu observing the +/- (**change accordingly.**)
- Follow the above two sections to compare the second set of numbers and input into LOP2 on the **LOP SETUP** menu.
- Display the **NAVIGATION SCREEN** to confirm operations. (**numbers should match**)
- Enter Waypoints, Routes, Etc. as normal.