



**ROYAL CANADIAN MARINE
SEARCH & RESCUE**
Saving Lives on the Water

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Electronic navigation equipment Pre-departure Checks

Chart Plotter:

- Cartography settings (layers of details, safety contours, soundings, nav-aids, lights etc)
- Chart datum (should be WGS 1984)
- GPS Fix status (D-Fix or SD-Fix preferred)
- HDOP (value should be under 2 or as low as possible depending on area)
- Variation (should be proper variation for the area and year)
- Display Orientation (H-up or N-up)
- Off-sets (check and set as operator's preference)
- Hide Rocks OFF
- De-clutter "OFF"
- Units (speed, distance, depth)
- AIS
- GPS Heading vs vessel's Compass heading (May require to be done when Underway if vessel has no heading sensor)
- Depth Sounder depth vs sounding on Chart at vessel's location

RADAR:

- Gain & Filters (auto or manual)
- Display Orientation (H-up or N-up)
- Range rings on or off
- Off-set
- AIS

Other Electronics/Tools:

- Magnetic Compass
- Depth Sounder