PRIOR TO EVERY USE
Perform a system inspection as outlined below. Refer to the User’s Manual for further details.

1. Check steering fluid level in all steering pumps.
   Each Optimus hydraulic pump has a steering fluid reservoir. Ensure the fluid level is between the MIN and MAX marks on the reservoir as shown in the figure below. Use only SeaStar Electronic Power Steering Fluid in the Optimus EPS System.

2. Verify immediate steering response when turning steering wheel(s).
3. Inspect all steering hoses, fittings and mechanical and electrical cables for wear, kinks, or leaks.
4. Check for binding, loose, worn or leaking steering or shift/throttle control components.
5. Verify proper shift and throttle response for all control levers.
6. Check that no alarms or warnings are shown on the CANtrak display.

⚠️ WARNING: Do not operate the boat if any component is not in proper working condition.

DURING USE
1. WEAR A COAST GUARD-APPROVED PERSONAL FLOTATION DEVICE (PFD).
2. Attach engine shut-off cord (lanyard) to your pfd.
3. Never allow anyone not familiar with the operation of the steering system to operate the boat at ANY time.

AFTER USE
Rinse off steering cylinder thoroughly, using only fresh, clean water. DO NOT rinse PCM or pumps.

⚠️ WARNING: Proceed with caution after ANY setting change.
System faults will be communicated to the user by the CANtrak Display. Follow the Handling Instructions that appear:

**DANGER** fault
A critical fault which will result in limited or no system performance. Call for assistance, use an alternate controlling device, or use "limp home" in an emergency.

**WARNING** fault
A non-critical fault which may cause the steering and/or boat speed to be reduced. The system will continue to operate.

**CAUTION** fault
A non-critical fault which has no effect on system performance.

There are three types of faults – DANGER, WARNING & CAUTION

**ONE Steering Cylinder Disabled**
- Affected engine steering disabled.
- 1. Put all engines in neutral.
- 2. Open steering service valves.
- 3. Turn affected engine fully away from other.
- 4. Close steering service valves.
- 5. Fully tilt affected engine(s).
- 6. Return to port on one engine.

**ALL Steering Cylinders Disabled** (Multi-engine)
- Steering is disabled.
- 1. Put all engines in neutral.
- 2. Open steering service valves.
- 3. Manually center all engines.
- 4. Close steering service valves.
- 5. Return to port using thrusters to steer.

**Steering Disabled (Single engine)**
- Steering is disabled.
- 1. Put engine in neutral.
- 2. Open steering service valve.
- 4. Close steering service valve.
- 5. Return to port.
- 6. Seek assistance when possible.

Limp Home Mode Info Screen

Limp home mode is an override system that may severely limit your boat’s control. It should only be used in an emergency if you are unable to call for assistance. Proceed with extreme caution. Read the user manual and always wear PFDs and lanyard. Press YES to proceed, NO to decline.

For boats with optional remote steering service valves.

![SERVICE VALVE](image)

**SERVICE VALVE**

For boats with optional remote steering service valves.

![SERVICE VALVE](image)

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