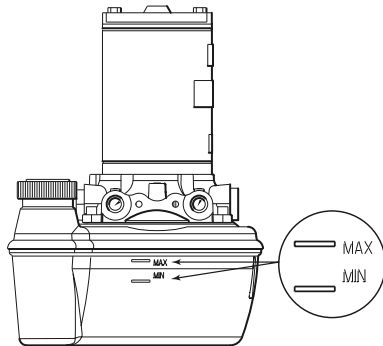


# OPTIMUS ELECTRONIC POWER STEERING (EPS) QUICK REFERENCE GUIDE

## PRIOR TO EVERY USE

Perform a system inspection as outlined below. Refer to Section 3.3 of 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 handles.
6. Verify that no alarms or warnings are shown on the CANtrak display.

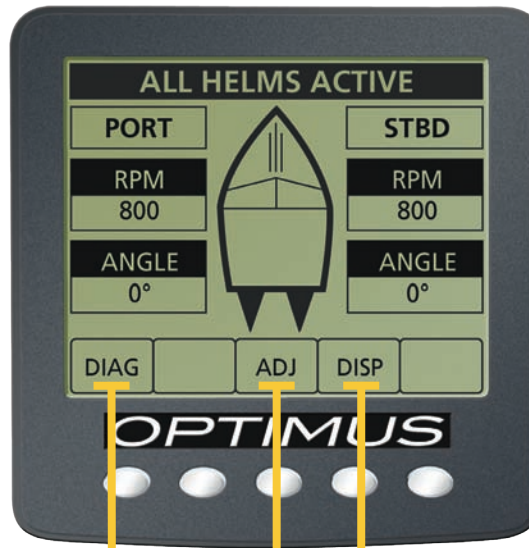
**⚠ WARNING: Do not operate boat if any component is not in proper working condition.**

## 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 "fresh, clean water" only. DO NOT rinse PCM or Pumps.



### DIAGNOSTICS

Network Nodes  
Node Information

### ADJUSTMENTS

Low Speed Helm Turns  
High Speed Helm Turns  
Low Speed Helm Effort  
High Speed Helm Effort  
AP (autopilot) Helm Effort

### DISPLAY

Brightness  
Contrast



## CANtrak DISPLAY SYMBOLS

WORD or SYMBOL	IDENTIFIES A FUNCTION OR SETTING
↑	Moves the cursor arrow up the screen to the next item
↓	Moves the cursor arrow down the screen to the next item
→	First press selects the parameter to change and subsequent press indexes the selection
←	Takes you back one step
-	Reduces the setting of a selected item
+	Increases the setting of a selected item
OK	Accepts a given statement or condition and advances to the next screen.
⏪	Moves the unit back one level.
☀	CANtrak display lighting
☾	CANtrak display contrast

**PLEASE KEEP ON BOAT**



**⚠ WARNING: Proceed with caution after ANY setting change.**

**Read the Optimus Book 51 (EPS Operation and User Manual) before use.**



# OPTIMUS ELECTRONIC POWER STEERING (EPS) QUICK REFERENCE GUIDE

## DANGER AND WARNING FAULTS

System faults will be communicated to the user by the CANtrak Display. Follow the **Handling Instructions** that appear:

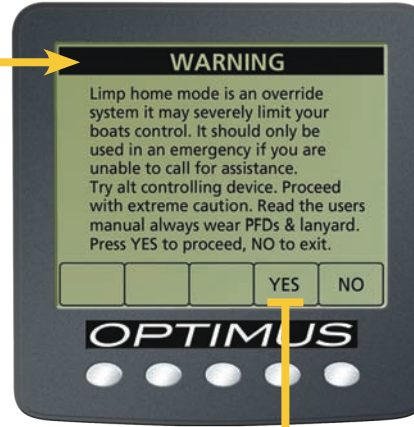
This area shows the active faults  
 Describes what system has done to react to fault  
 Tells the User how to proceed



## LIMP HOME MODE (FOR EPS OVERRIDE)

If CANtrak Display(s) is not working follow the instructions shown below.

Limp Home Mode Info Screen



ONE Engine Disabled



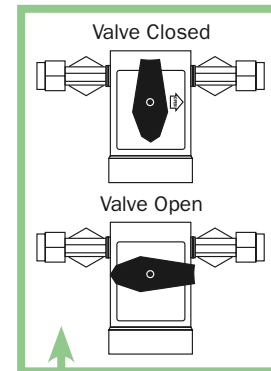
TWO Engines Disabled



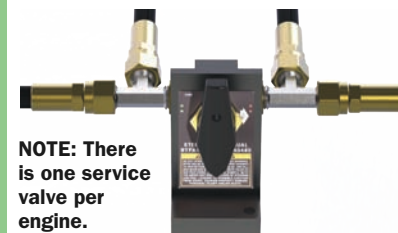
### There are two types of faults - DANGERS & WARNINGS

**⚠ DANGER FAULT**  
 is a critical fault which will result in limited system performance. Call for assistance, use an alternate controlling device, or use "limp home" in an emergency.

**⚠ WARNING FAULT**  
 is a non-critical fault which will allow system to still operate, but possibly at a reduced rate.



### SERVICE VALVE



**NOTE: There is one service valve per engine.**

