



# Optimus EPS – Single Engine - Outboard Vessel Survey Checklist

**Customer Name:** \_\_\_\_\_ **Phone #:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Customer Address:** \_\_\_\_\_

**City:** \_\_\_\_\_ **State/Prov.:** \_\_\_\_\_ **ZIP CODE:** \_\_\_\_\_

**Dealer/Company Name:** \_\_\_\_\_

**Dealer/Company Address:** \_\_\_\_\_

**Contact:** \_\_\_\_\_ **Survey Location:** \_\_\_\_\_

**Boat Description:** \_\_\_\_\_ **HIN#** \_\_\_\_\_

**Engine Brand/model:** \_\_\_\_\_ **Engine RPM available** \_\_\_\_\_ **Yes** \_\_\_\_\_ **No**

**Tach Input:**  NMEA2000 (may require engine gateway)  J1939  Analog Tach Input

**Autopilot:** \_\_\_\_\_ **Yes** \_\_\_\_\_ **No**  SeaWays  Raymarine EV2  Garmin Reactor  Simrad SG05

*If not Garmin Reactor, Raymarine EV2 or SIMRAD SG05, customer will need to upgrade.*

**Helm Type**  Front Mount  Rear Mount  Classic Tilt  Sport Tilt

**Color Display or LED Dash Panel** \_\_\_\_\_

**SmartCylinders**  Standard  Verado AMS (Advanced MidSection)  Tournament *(Will not fit Yamaha F300)*  
 Inverted Plates (BRP & Suzuki)  Confirm splashwell clearance  Confirm full-tilt clearance  
 Confirm bulkhead placement

**Steering Pump** Location: \_\_\_\_\_ (within 3' of PCM)  Floor mount  Wall mount

**Pump Outlet fittings**  Horizontal and Vertical Position (comes with pump)  ORB Fitting Needed?

**Hydraulic Bulkhead Type**  Single Black  Single Stainless  Dual Stainless

### **Hydraulic Hose Layout**

Distance from pump to cylinder \_\_\_\_\_ Round up to the nearest foot increment



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**Harness Layout Main Station**

Distance from Helm to PCM (CM204xx)     3 feet     6 feet     12 feet     18 feet     24 feet  
   30 feet     36 feet     Other \_\_\_\_\_

Distance from PCM to SmartStick (18Ft standard) \_\_\_\_\_port \_\_\_\_\_stbd  
  Extensions required    Y/N     6 feet     12 feet     18 feet

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**Second Station**    Yes/No.

**Helm Type**     Front Mount     Rear Mount     Classic Tilt     Sport Tilt

**Color Display**    Yes/No.    (if no, then buzzer kit is required)    **Note: LED Panel can only be at one station**

**Harness Layout Second Station**

Distance from Helm 2 to PCM (CM204xx)     12 feet     18 feet     24 feet     30 feet     36 feet  
   Other \_\_\_\_\_

Distance from Helm 2 to Lower Station     12 feet     18 feet     24 feet     30 feet     36 feet  
   Other \_\_\_\_\_

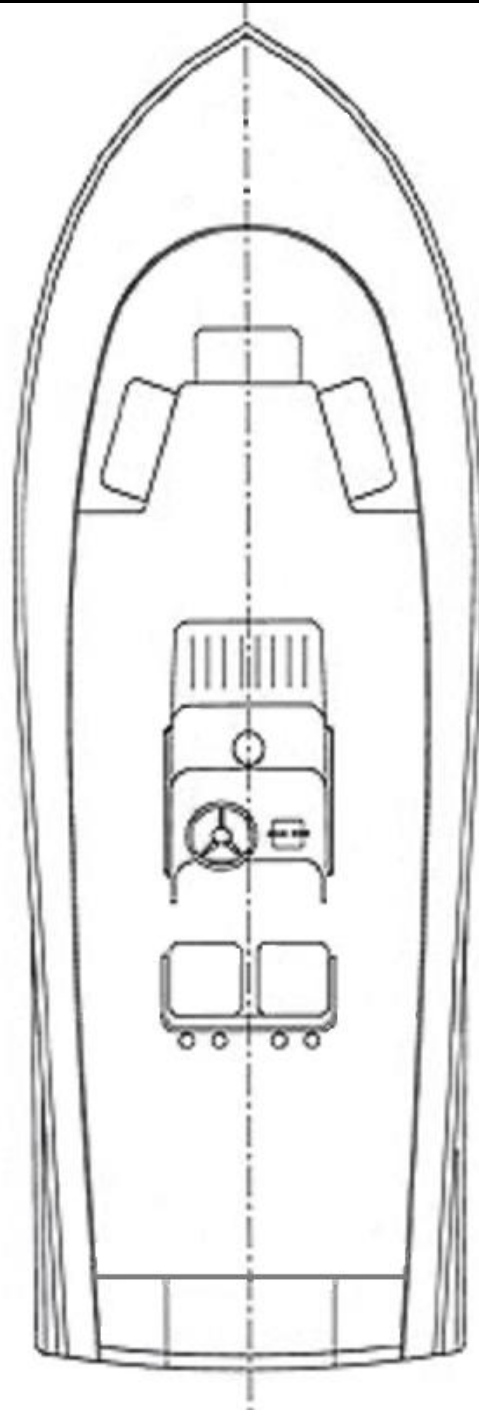
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**Fabrication** (Not by SeaStar)     Helm mounting plate     Other \_\_\_\_\_

Notes: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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**Layout Sketch**