



## What should be considered in a marine repower package?

### **Boat structure / engine room options**

- New engines must fit in required space
- Engine weight should be comparable or less
- Check / replace engine mounting foundations
- Allow for proper clearances on each side of the engine(s)

### **Engine and transmission options**

- Gearbox should be compatible with the engines
- Gear ratio should be determined and adjusted if necessary
- Engine size, weight, thrust limits, etc. are within the limits of requirements
- Mechanical vs electric shift transmission

### **Propeller and shaftline options**

- New propellers
- New shaft or propeller shaft sizing adjustments
- Check / replace shaft struts

### **Electronics and controls options**

- New controls, mechanical vs electrical
- Check / replace electrical wiring to engines
- Check / replace sensors, gauges and electrical panels
- Check compatibility or replace generator compressor, water pump, etc.



### **Ventilation and cooling options**

- Engine air supply should be recalculated and checked for the new engines
- Engine exhaust should be checked, cleaned or replaced
- Check / replace vent hoses
- Check / replace cooling water pump for engines
- Allow for proper clearance in engine room for cooling and ventilation of engines
- Check / create new through-hull intakes for the engines cooling systems

### **Fuel system options**

- Conversion between gas or diesel
- Check / replace fuel lines
- Fuel supply large enough for new engines
- Check / replace fuel pump, filter, exhaust, etc.

### **Additional considerations & options**

- Gyroscopic stabilizer installation
- Bottom paint and gel coat refinish
- Interior salon maintenance
- Oil change
- Upgrade / replace electronics
- Inspect / replace fuel tanks