MOCC Small Boat Operating Systems: “Inspections and Use Log”

<table>
<thead>
<tr>
<th>DATE</th>
<th>HULL / BILGE’S (Scuppers &amp; Pumps)</th>
<th>REQUIRED EQUIPMENT (Gear &amp; Electronics)</th>
<th>FUEL LEVEL (Amount Added)</th>
<th>ENG. OIL LEVEL</th>
<th>ENGINE HOURS</th>
<th>ELECTRICAL COMPONENTS</th>
<th>COOLING SYSTEM</th>
<th>STEERING &amp; PROPULSION</th>
<th>ZIRC’S ZINC’S</th>
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</thead>
<tbody>
<tr>
<td>START</td>
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CREW / MISSION / LOCATION:

COMMENTS / NOTES: (Include all Observations / Symptoms / Maintenance & Repairs)
### MOCC Field Exercise: Pre-Departure Safety Checks

**Year / Make / Model:**

<table>
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<tr>
<th>Length:</th>
<th>Capacity:</th>
<th>Hull Design:</th>
<th>Hull Material:</th>
<th>Propulsion:</th>
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**Small Boat Required Equipment Checks**

- Copy of Registration & Display of Numbers:
- Location, Number and Type of Life Jackets:
- Location and Type of Throwable Rescue Devices:
- Location & Number & Type of Serviceable Fire Extinguishers:
- Location of Sound Producing Device:
- Location, Amount and Type of Visual Distress Signals:
- Navigation Lights Operational:
- Location and Status of First Aid Kit:
- Type / Condition of Anchor & Line:
- Type & Quantity of Mooring / Utility Lines:
- Deck Equipment: Boat Hook / Paddles / Fenders
- Navigational Equipment: Compass / GPS / Maps & Charts
- Spare Parts & Tool Kit:

**Small Boat Operational Safety Checks**

- Battery Connections & Power:
- Engine Blower & Fuel System Ventilation:
- Engine Oil / Fuel Levels / Water Separator Filter:
- Electrical Fuses & Gauges:
- Electronics Systems:
- Engine Trim / Tilt:
- Steering & Throttle Linkages:
- Bilge Pump & Bailing Devices:
- Hull / Scuppers / Thru-Hull Fittings / Boat Plugs:
- Hatches & Doors:
- Cleats / Rails / Deck Fittings:
- Winches / Davits / Other:
**FUEL SYSTEMS**
- Fuel Odor- STOP- Ventilate & Locate Leaks

**Symptom: “Engine turns but Won’t Start”**
- **Outboard FUEL Issues:**
  - Trace fuel line check for air leaks & connections
  - Inspect Fuel Bulb (primed?)
  - Fuel Tank Vent (open?)
  - Fuel Filter – Water Separator
  - Spark Plugs Fouled?
- **Inboard FUEL Issues:**
  - Vapor Lock – Open Hatch to Cool Engine & Run the Blower
  - Fuel Valve (open position?)
- **Bad Fuel- Change Fuel & Use a Stabilizer**

**ELECTRICAL SYSTEMS**
- **Symptom: “Engine will not turn-over or run”**
  - Inboards & Outboards (In NUETRAL?)
    - Check battery master switch
    - Check Kill Switch
    - Check Battery Connections
    - Check Fuse Panel / Box
    - Check Starter/Coil Fuse Link
    - Check Spark Plug Wire
- **PUMPS, MECHANICAL & HYDRAULICS**
  - **Bilge Pump**- Intake & Hose clear of debris
  - **Steering**- Fittings Greased / Reservoir Full
  - **Zinc Anodes**- Inspect for corrosion
  - **Hoses Fittings**- Inspect for wear & leaks
  - **Throttle**- Inspect linkage connections

**ENGINE COOLING SYSTEMS**
- **Symptom: Engine Stalls or Only Idle Speed**
  - Outboard Cooling Issues:
    - Check Discharge Stream
    - Check Lower Unit Intakes
    - Clean both as needed
    - Change Impeller
  - Inboard Cooling Issues
    - Check Exhaust Water Discharge
    - Check Heat Exchanger & Jacket Water / Anti-freeze
    - Check Raw Water Intake Valve
    - Raw Water Strainer- Filter
    - Thermostat & Temp Gauge

- **NEVER Start without WATER Flow**