COMMON DEFICIENCIES

Incomplete Small Boat Operations Manual (SBOM)

● “A small boat-specific SBOM is required for each Class III and Small Research Vessel (SRV), as well as for Class A, Class I, Class II, and non-motorized small boats.”

● “Needs to be specific about the operating area including distance from shore, the maximum number of persons to be carried, and specific lifesaving equipment required.

● “A template outlining the topics to be included in a SBOM can be found on the SBP website.”
COMMON DEFICIENCIES
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No stability log containing vessel weight and carrying capacity

STABILITY LOG FOR R1803

As Delivered Specifications:

Type: Utility Boat
Manufacturer: Sea Ark Marine Inc.
Model: 1860 River Runner SAMA 2005/010
Length: 18 feet, Beam: 7 feet
Engine: 2010 Yamaha, 115 HP 4-stroke, 402 lbs
Freeboards as delivered at sea trials:
  - Bow: 27 inches
  - Port AFT: 15 inches
  - STBD AFT: 12 ½ inches
  - Draft Hull: 12 ½ inches (6 inches with engine tilted clear of water)
Boat Weight (dry): 3,780 lbs.
Fuel Tank (portable): 12 gals, (72 lbs.)
Electrical: Single battery, 12 VDC Power Electrical System, 120 VAC Shore-power with automatic battery charger.
Bilge Pump: 3700 GPH bilge pump with automatic float switch located AFT below outboard engine motor well, discharging on STBD side.
Manufacturers placarded carrying capacity with motor, persons, and gear: 2018 lbs
Gear and personnel only carrying capacity: 1616 lbs

<table>
<thead>
<tr>
<th>Date</th>
<th>Modification</th>
<th>Weight added/Deleted</th>
<th>Capacity</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>10/25/11</td>
<td>Vessel delivered new</td>
<td>0</td>
<td>1616 lbs</td>
<td></td>
</tr>
<tr>
<td>11/08/11</td>
<td>Added second 12VDC battery</td>
<td>+31 lbs</td>
<td>1585 lbs</td>
<td>Updated SBOM</td>
</tr>
<tr>
<td>01/15/12</td>
<td>Added radar</td>
<td>+ 22 lbs</td>
<td>1563 lbs</td>
<td>Updated SBOM</td>
</tr>
<tr>
<td>6/01/12</td>
<td>Weighed boat</td>
<td>0 lbs</td>
<td>1563 lbs</td>
<td>No change</td>
</tr>
</tbody>
</table>
COMMON DEFICIENCIES

Missing or outdated operator authorization letters

NOAA Form 57-19-04
COMMON DEFICIENCIES

Lack of personal waterlights on Float Coats and Mustang Suits or expired inflatable PFD activators.
COMMON DEFICIENCIES

Structural deficiencies such as corroded aluminum hulls, delaminated fiberglass allowing water intrusion into cored hulls.
Use the Hemi ACR Personal Marker lights. They’re good for 5 years and require no maintenance other than inspection.

Use the Mustang HIT Inflatable. They’re good for 4 years and require no maintenance other than inspection.

Carry a portable VHF-FM Radio in your pocket. They float, waterproof, have a built in GPS with DSC Capability. They can save your life.

When renewing an EPIRB Battery consider purchasing an entirely new one with the latest technology.
NEW ASBE FORM

ASBE form for Class A and 1 Non-Motorized Boats or with portable outboard motors
The NOAA Small Boat Standards and Procedures Manual

4th Edition

Created by
The NOAA Small Boat Safety Board
with input from OMAO and other area experts
July 14th, 2017