



United States Coast Guard
U.S. Department of Homeland Security



CG-5431
Office of Vessel Activities
Domestic Compliance Division

MI Notice 04-11
October 6, 2011

Marine Inspection Notice

RECOMMENDED BATTERIES FOR ACR ELECTRONICS SM-2 AUTOMATIC CREW-OVERBOARD LIGHT

The U.S. Coast Guard Office of Vessel Activities was recently notified of a potential issue with installation of heavier than recommended batteries in the ACR Electronics SM-2 Automatic Crew-Overboard Light, that cause the light to sink.

ACR's SM-2 Product Support Manual states on page 3 that **“In order for the marker light to float properly, the 6 volt battery MUST not weigh more than 675 grams (1.49 lbs). Exceeding this weight will cause the light to sink.”**

A list of recommended batteries that meet this requirement is located on page 4 of the Support Manual. The manual may be accessed at the following website:

<http://www.acrelectronics.com/products/b/marine/catalog/rescue-lights/sm-2-marker-light#tab-downloads>

During inspection of vessels with ACR SM-2 water lights, Marine Inspectors should verify that batteries in those lights conform to the list of recommended batteries listed on page 4 of the Product Support Manual. If the batteries are not listed, MIs should verify the batteries in place do not exceed 1.49 lbs or recommend that the operator conduct a float test of the light to show that the light floats with its vertical axis within 5 degrees of vertical and with the lamp or flashtube not less than 2 inches (51 mm) above the surface of the water as required by UL 1196.

Officers in Charge Marine Inspection (OCMIs) are urged to disseminate this notice to vessel operators as necessary.

Questions concerning this notice may be directed to Office of Vessel Activities, Domestic Compliance Division (CG-5431) at CG-5431@uscg.mil or (202) 372-1224.