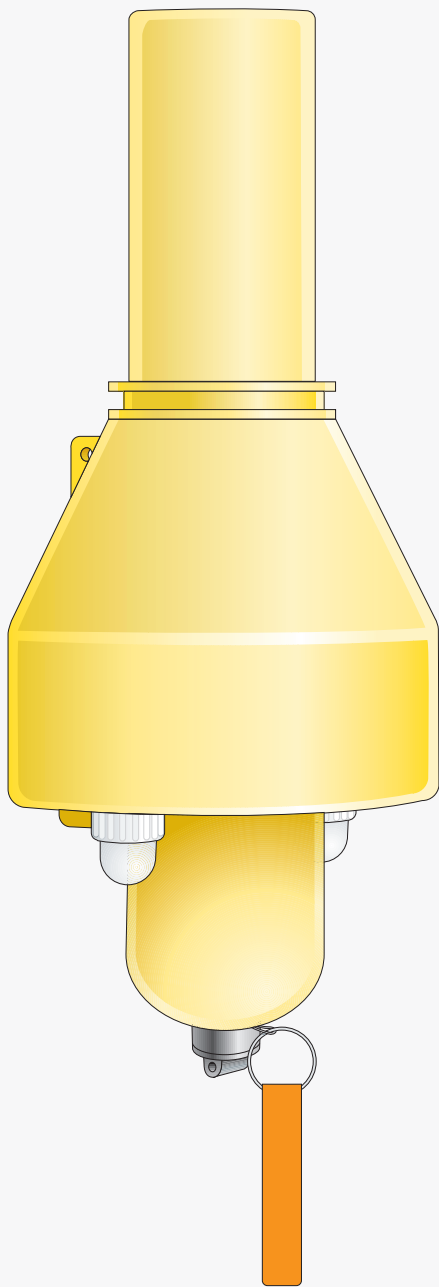


MOUNTING AND OPERATING INSTRUCTIONS

IKAROS MOB MK IV MANOVERBOARD LIGHT AND SMOKE MANOVERBOARD SMOKE

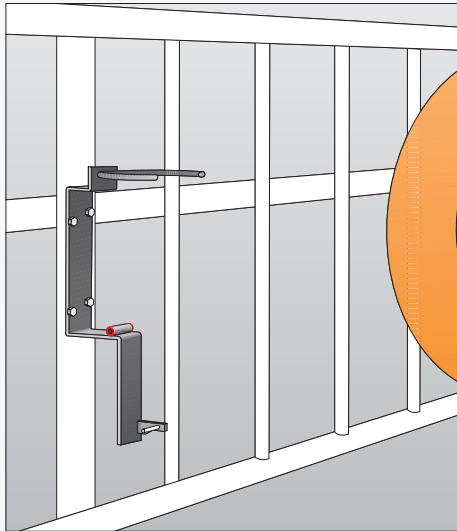


Please read these instructions carefully before handling the MOB. Note that MOB Smoke has no electric lights, but all mountings and operating procedures are the same as for MOB Light and Smoke.

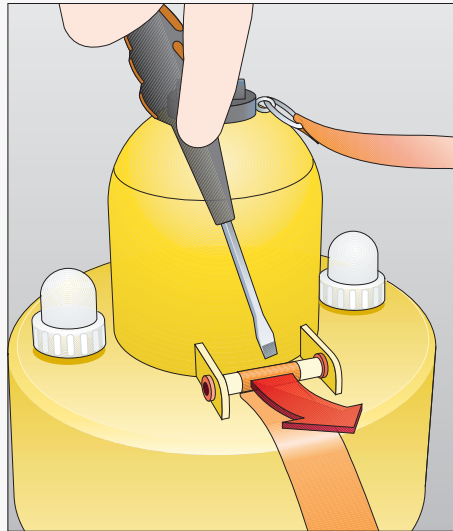
- 1.** To comply with SOLAS, two signals must be mounted vertically facing seaward one to port and one to starboard of ship's bridge, using brackets supplied as required.
- 2.** Mount the MOB at a minimum of 5 m (16.4 ft) above water line. (On smaller vessels where this distance is not possible or practical, see "Manual Operation of Signal"). Maximum height of mounting 60 m (197 ft).
- 3.** Ensure signal has a clear unobstructed drop to the sea.
- 4.** The MOB is designed to be used with a life buoy weighing 2.5 kg (5.5 lb) minimum, attached by 8 mm (0.32 in) diameter line 4 m (13.12 ft) long.
- 5.** Position the MOB either behind or directly to the side of the life buoy.
- 6.** The MOB has a service life as indicated by the date label on the signal, and must be replaced after this date. Replace the mounting bracket at the same time as the MOB if it is subjected to extreme weather, or as required after inspection of bracket condition.

Read these instructions carefully before handling the MOB Signal!

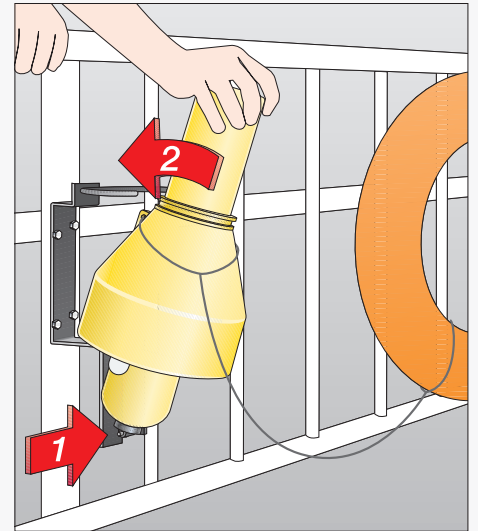
Mounting Instructions



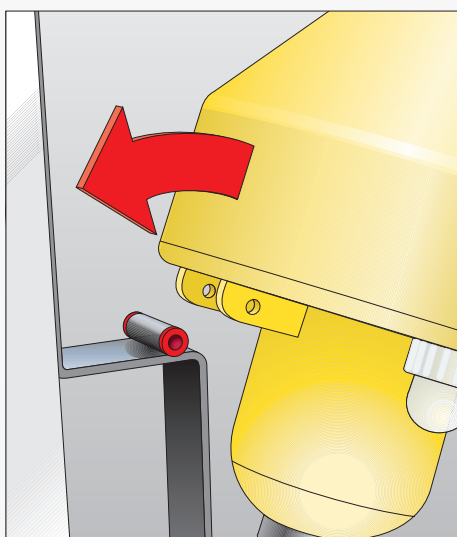
1. Mount the bracket on the vessel using four M8 or 5/16 inch bolts.



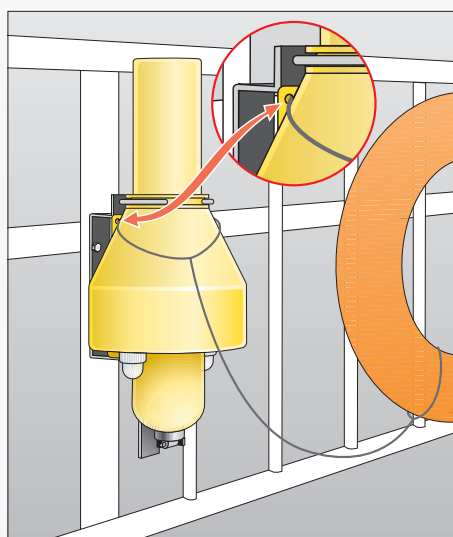
2. Use a sharp object to remove the plastic tube from the MOB. On the MOB Light & Smoke, the two lights should then light up.



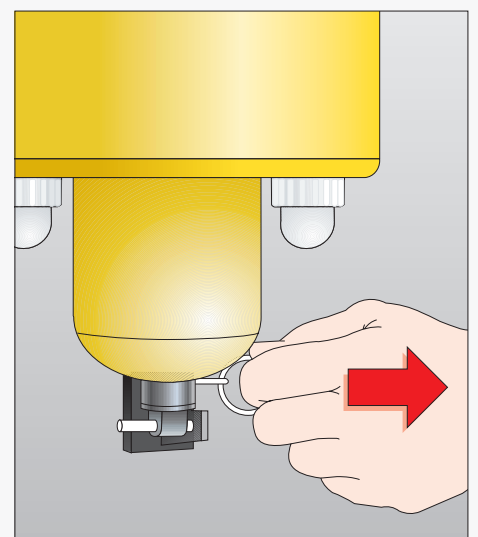
3. Fit the MOB in the bracket, the pin into the hole, and the clamp around the body of the MOB.



On the MOB Light & Smoke, the two lights should go out if the signal is mounted correctly.



4. Attach the signal to the life buoy with a line of minimum 4 m length and 8 mm diameter. Use a bowline hitch and ensure that the line goes all the way around the signal.



5. Remove the transport safety pin. Insert the safety pin in the predrilled hole on the bracket.

Method of Operation

The MOB operates automatically when the life buoy is released and has separate ignition systems for light and smoke.

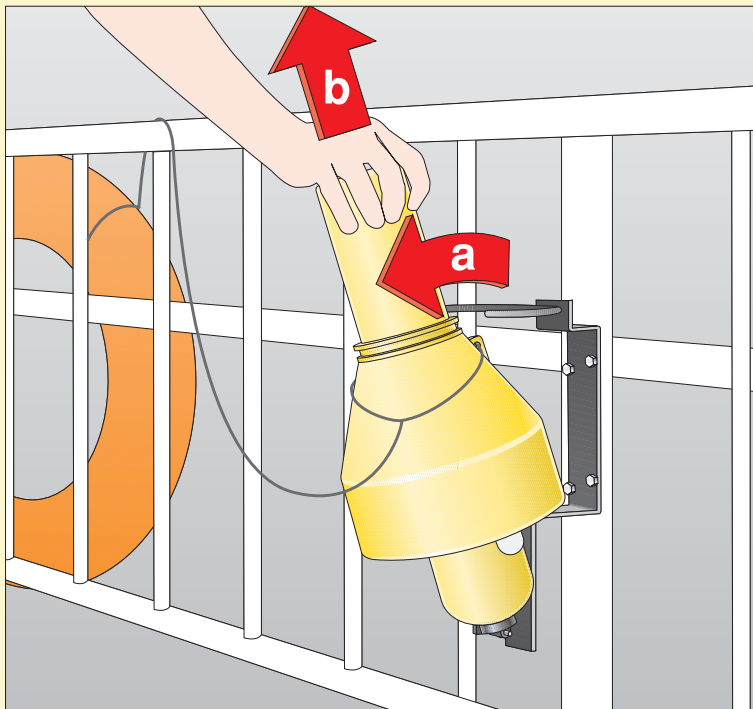
The lights are operated by an integral power source.

The MOB emits light and smoke automatically when it leaves the bracket. After release, smoke is emitted for at least 15 minutes and the two electric lights on MOB Light & Smoke operate for a minimum of 2 hours at 2 candela.

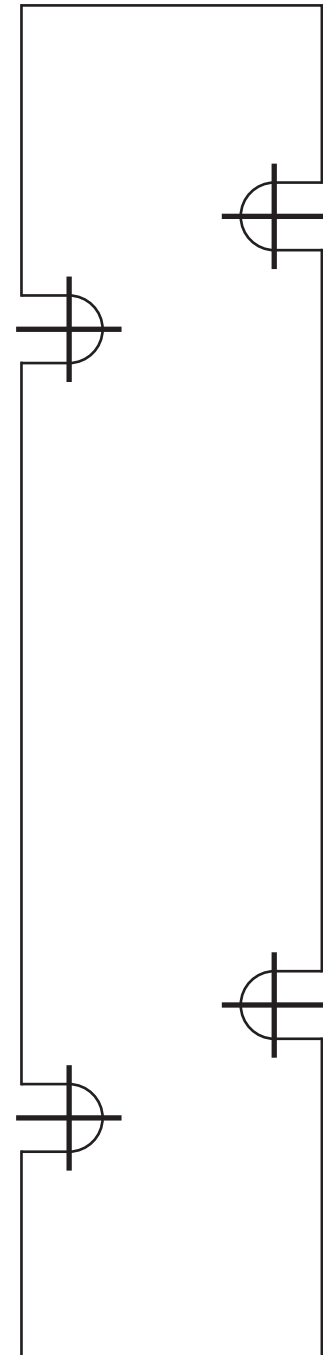
Manual Operation of Signal

On a craft where the 5 m mounting height is unobtainable, you must mount the signal inboard on the wheelhouse bulkhead and operate and launch the MOB with the life buoy manually. Ensure the life buoy is attached to the MOB.

- 1. Pull the MOB away from the bracket.**
- 2. Immediately throw the MOB overboard.**



Drill-guide template for MOB mounting



Specification

Conforms to requirements of SOLAS 74/96.

Each light burns at 2 candela for 2 hours minimum.

Dense orange smoke for 15 minutes minimum.

Dimensions: 200 mm (8 in) x 500 mm (20 in)

Weight: 4.65 (10.23 lb) and 4.5 kg (9.9 lb)

Explosive content: 1.3 kg (2.86 lb)

Ref. Nos. 345105 IKAROS MOB

Light and Smoke

345205 IKAROS MOB Smoke

WARNING

DO **NOT** HANDLE THE MOB WHEN MOUNTED IN THE BRACKET OR REMOVE IT FROM THE BRACKET UNTIL YOU HAVE INSERTED THE TRANSPORT SAFETY PIN.

NOTE: THE LIGHTS SHALL NOT BE TESTED

UNIT IS FITTED WITH LITHIUM BATTERY.
DO NOT REMOVE, CHARGE OR INCINERATE BATTERY.



IKAROS

Hansson PyroTech AB