Offshore Special Regulations

OSR 4.22 Crew Overboard Identification and Recovery

A submission from the Royal Yachting Association

Purpose or Objective

To move the Crew Overboard alerting and recovery equipment to a single area in the World Sailing Offshore Special Regulations and clarify some wording.

Proposal

To move existing text from OSR 3.29.08 and OSR 5.07(b-e) and combine these into OSR 4.22 in order to create a single section entitled “4.22 Crew Overboard Identification and Recovery”. See below for proposed final text.

4.22 Crew Overboard Identification and Recovery

MoMu0 4.22.1 a) A PLB (Personal Locator Beacon) equipped with 406Mhz and 121.5Mhz for each crew member
MoMu0,1 b) An AIS personal crew overboard beacon for each crew member
MoMu0 c) A personal unit in addition to the PLB in OSR 4.22.1 b) if the location device carried by the boat in accordance with OSR 3.29.07 requires it;
MoMu0,1,2 d) Where possible every PLB shall be registered with the appropriate authority associated with the country code in the hexadecimal identification (15 Hex ID) of the beacon. A beacon can be registered online with the Cospas-Sarsat IBRD if the country does not provide a registration facility and the country has allowed direct registration in the IBRD.

MoMu 0 4.22.2 a) A GPS capable of recording a crew overboard position, within 10 seconds, and monitoring that position, and
MoMu0 b) connected to an emergency button immediately accessible to a helmsman which will sound an audible alarm in the accommodation and simultaneously send an appropriate signal to the GPS
MoMu1,2 c) A GPS capable of recording a crew overboard position, within 10 seconds, and monitoring that position.

Within reach of the helmsman and ready for instant use:

** 4.22.3 A lifebuoy with a self-igniting light and a drogue

MoMu0,1,2 4.22.4 In addition to 4.22.3 above, a second lifebuoy equipped with:
MoMu0,1,2 a) A whistle, a drogue, a self-igniting light and
MoMu0,1,2 b) A pole and flag. The pole shall be either permanently extended or be capable of being fully automatically extended.
MoMu0 c) Each lifebuoy shall be equipped with a sachet of fluorescein dye
MoMu0,1,2 4.22.5 At least one lifebuoy shall depend entirely on permanent buoyancy (e.g foam)

** 4.22.6 Each inflatable lifebuoy and any automatic device shall be tested and serviced at intervals in accordance with its manufacturer’s instructions

** 4.22.7 A heaving line, no less than 6mm (1/4") 15-25m (50-75") long, readily accessible from the cockpit

MoMu0,1,2,3 4.22.8 A recovery sling which includes:
MoMu0,1,2,3 a) Buoyant line of length no less than the shorter of 4 times LH or 36m (120’)
MoMu0,1,2,3 b) Buoyant section horseshoe with no less than 90N (20#) buoyancy
MoMu0,1,2,3 c) Minimum strength capable to hoist a crewmember aboard
3.29 Communication Equipment. GPS, Radar, AIS
MoMu0 3.29.08 a GPS:
MoMu0 a) capable of recording a crew overboard position, within 10 seconds, and monitoring that position, and
MoMu0 b) connected to an emergency button immediately accessible to a helmsman which will sound an audible alarm in the accommodation and simultaneously send an appropriate signal to the GPS
MoMu1,2 a GPS capable of recording a crew overboard position, within 10 seconds, and monitoring that position
MoMu3 a GPS

4.22 Crew Overboard Recovery
** Within reach of the helmsman and ready for instant use:
**
MoMu0,1,2 4.22.1 a lifebuoy with a self-igniting light and a drogue
MoMu0,1,2 4.22.2 In addition to 4.22.1 above, one lifebuoy equipped with:
MoMu0,1,2 a) a whistle, a drogue, a self-igniting light and
MoMu0,1,2 b) a pole and flag. The pole shall be either permanently extended or be capable of being fully automatically extended
MoMu0 c) Each lifebuoy shall be equipped with a sachet of fluorescein dye
MoMu0,1,2 4.22.3 At least one lifebuoy shall depend entirely on permanent buoyancy (e.g. foam)
**
MoMu0,1,2 4.22.4 Each inflatable lifebuoy and any automatic device shall be tested and serviced at intervals in accordance with its manufacturer’s instructions
**
MoMu0,1,2,3 4.22.5 A heaving line, no less than 6 mm (1/4") diameter, 15 - 25 m (50 - 75’) long, readily accessible to cockpit
MoMu0,1,2,3 4.22.6 A recovery sling which includes a:
MoMu0,1,2,3 a) buoyant line of length no less than the shorter of 4 times LH or 36m (120’)
MoMu0,1,2,3 b) buoyancy section (horseshoe) with no less than 90 N (20#) buoyancy
MoMu0,1,2,3 c) minimum strength capable to hoist a crewmember aboard

5.07 Survival Equipment
MoMu0 5.07.1 One set of Survival Equipment which includes:
MoMu0 b) a PLB (Personal Locator Beacon) equipped with 406MHz and 121.5Mhz;
MoMu0,1 c) an AIS personal crew overboard beacon;
MoMu0 d) a personal unit in addition to the PLB in OSR 5.07.1 b) if the location device carried by the boat in accordance with OSR 3.29.07 requires it;
MoMu0,1,2 e) where possible every PLB shall be registered with the appropriate authority associated with the country code in the hexadecimal identification (15 Hex ID) of the beacon. A beacon can be registered online with the Cospas-Sarsat IBRD if the country does not provide a registration facility and the country has allowed direct registration in the IBRD.
Reason

1. The equipment required by the regulations is spread amongst a number of sections and sometimes the requirements are missed or the reason for inclusion is lost.

By removing the majority of the references to GPS in 3.29.08 a GPS needs to be made a requirement for all categories 0-3 within 3.29.08.