

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

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|---|--------|---|
| 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 |

Current Position 3.29, 4.22, 5.08**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:
**	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)
**	4.22.4	Each inflatable lifebuoy and any automatic device shall be tested and serviced at intervals in accordance with its manufacturer's instructions
**	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.