

## DBCYA Darwin to Ambon Yacht Race/Rally Safety Equipment Check List (Minimum Recommended Requirements)

### Safety Equipment (Life Saving Appliances)

No	Safety Equipment	Min Requirement	Remarks
1	Life Jackets.	PDF Type 1 or SOLAS Approved with light & whistle	1 Per person of correct size / body weight. Fitting instructions posted near stowage position.
2	Flares.	6 x hand held red 4 x red parachute 2 x orange smoke floats 1 x rescue signals table	Held in a safe waterproof storage container.
3	Life Raft.	Life Raft Coastal / ISAF.	SOLAS is the preferred. Must be rated for maximum number of persons on board.
3a	Inflatable Dinghy (1) as alternative to item 3 above.	2 x oars / paddles 1 x bailer on lanyard 1 x minor repair kit 1 x hand operated bellows 1 x heliograph mirror 1 x suitable sea anchor & lines Small tarpaulin.	Must be kept inflated ready for immediate launch, & capable of carrying all persons on board.  (keep with item 2).  To provide protection from the weather.
4	Life Buoys.	1 Complete with buoyant line & light.	Light must be automatically activated when deployed.
5	MOB Dan Marker.	1 Complete with Hi-Viz Flag.	
6	AMSA Survival at Sea manual (recommended only).	1 (latest version).	All persons to know where it is kept & encouraged to familiarise themselves with it's contents.
7	VHF Radio.	1 base stn & spare antenna with cable.	Spare antenna Must cover ALL international marine channels and cable may be substituted for by a handheld VHF.
8	406Mhz EPIRB or current version.	1	Appropriate Documents to confirm EPIRB is configured to individual yacht.

No	Safety Equipment	Min Requirement	Remarks
9	HF Radio.	Strongly encouraged & recommended.	Covering as minimum following international distress & calling frequencies (in KHz) - 2182; 4125; 6215; 8291 & VMW / VMC frequencies.
10	Water proof signalling torch.	2 & 2 spare batteries & bulb.	
11	General purpose torch.	2 & 2 spare batteries & Dolphin or similar.	
12	Ship Medical Guide (or similar).	1	Or a suitable International Medical Guide for Ship use.
13	First Aid Kit.	St Johns Large Leisure First Aid or similar.	Carry extra bandages, swabs, antiseptic & recommend a broad spectrum prescription antibiotic.
14	Jack stay / Lifelines.	Both sides & full length of yacht.	Adequate harnesses for all crew onboard.

### Safety Equipment (Fire Fighting Appliances)

No	Safety Equipment	Min Requirement	Remarks
1	Portable fire extinguishers.	2	2 x 1kg Dry powder / or 1 x 1kg Dry powder & 1 x 1kg CO2 Minimum recommended.
2	Fire Blanket.	1	Min Size: 1.8 x 1.2m (kept near cooking appliances).
3	Stout bucket with lanyard.	2	9 litre capacity each & have substantial handle.

## Safety Equipment (Sailing and Navigation)

No	Safety Equipment	Min Requirement	Remarks
1	Position determining devices.	2 independent.	In addition to depth determining equipment / device If 2 GPS are carried, 1 must be a portable unit with spare dry cell batteries If celestial means is used, relevant & current publications must be carried. Suggested examples: GPS; Hand bearing compass; pelorus; Radar or Sextant.
2	Navigation Charts.	All (Darwin to Ambon region).	Relevant to all area s to be sailed. Combination of large & small scale charts & port plans with coverage for contingencies (alternate ports etc or travel beyond Ambon) Paper charts & chart plotting equipment MUST be carried, even if an ENC System is fitted.
3	Magnetic compass (main fixed compass) + Hand bearing compass.	1 Ea.	With illuminations clearly seen from steering position 1 Recommend that compass has been recently swung & deviation card posted at chart table/nav centre.
4	Depth determination.	1 Ea. Echo sounder + leadline.	
5	Fog Horn	1	Fixed installation or hand held compressed gas cylinder.
6	Tide Tables.	Suit to cover Darwin to Ambon region.	May be photo copies / extracts of relevant sections; CD / downloaded files (with computer); race committee may supply print out of Ambon tides for race period.
7	Navigation lights.	As per SOLAS collision regulations.	Refer to ColRegs
8	Radar Reflector.	1 - (all non steel / aluminium hulled yachts).	Strongly encouraged & recommended for ALL yachts.

## Safety Equipment (Miscellaneous)

No	Safety Equipment	Min Requirement	Remarks
1	Bilge pump.	2 - (1 pump must have min discharge capacity of 100 litre/min).	1 must be manually operated. (multi hulls that do not have each hulls bilge lines manifolded, may either have 1 portable manual pump with adequate hoses or a fixed manual pump for each hull.
2	Gas leak alarm.	1 Fitted near gas cooking/heating appliances.	Only required if gas appliances eg: stove, fitted within accommodation.
3	Anchors.	2 x anchors + min 50 metres cable or chain suitable for size of vessel.	Where rope cable is used a minimum of 10 metres of suitable sized chain cable should be securely attached between the anchor and rope.
4	Drogue.	Drogue to be of a suitable for size for the vessel.	Vessels mooring lines (if suitable size & length) or anchor line may be used as a hawser.
5	Seaworthiness.	Vessel must be in a seaworthy condition for the intended voyage and weather conditions for the time of year the passage is planned.	Vessels may be inspected by the organising committee and the vessels equipment assessed against this list of minimum equipment including any survey, or similar certification and a visual inspection of the vessel and its fittings. This does not relieve the owner/skipper of any statutory or normally accepted responsibility to provide a sound and seaworthy vessel upon which to embark crew for the event and to participate.
6	Emergency drinking water.	(separate from ships supply) 1.5 litres per person per day minimum for 8 days	In dedicated & sealed container/containers. Separate from vessels main potable water supply.
7	Heaving line.	1 x 15 - 25 metres long.	Kept readily available to cockpit.
8	Cockpit knife.	1 x strong blade, sharp, sheathed & securely restrained.	Kept readily accessible from the cockpit or deck.

### NOTES:

**1 All equipment described above that has an expiry date; renewable date; survey date MUST have, as a minimum 2 months (60 days) from the commencement of the passage before that equipment is due to be replaced, renewed or re surveyed.**

**2 All equipment mentioned above are regarded as the BARE MINIMUM, it is strongly recommended that all vessels comply with ISAF OFFSHORE SPECIAL REGULATIONS governing offshore racing for monohulls & multihulls 2006 - 2007 or similar.**

**3 It is the Skippers / Person in Charge's sole responsibility at all times for the safety of the vessel, maintenance and provision of its fittings and equipment, the crews welfare, including but no limited to the crews familiarisation of the vessel and all its safety equipment locations and its use.**

**4 Where the life raft is a ISAF type, or the collared, or inflatable dingy is carried the following shall also be included 10,000Kj of high energy food per person.**

**5 Where no life raft is carried and the inflatable dingy option is used, the emergency grab bag shall also contain 6 seasickness tablets per person, and a first aid kit, including sunscreen lotion.**