



# SAFETY BOOKLET

COWES WEEK 2022

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COWES WEEK 2022 SAFETY BOOKLET

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# SAFETY BOOKLET

## SAILING SAFELY

Cowes Week is one of the world's biggest regattas and takes place in the congested waters of the Solent. Reading this booklet is an important step for all competitors.

Skippers should make every effort to ensure that all their crew give every consideration to its contents.

Whilst sailing is not a sport without risk, by and large it is conducted without incident. You will however be aware that in 2018 there was an incident which cost the life of one of the competitors. Although the safety plan worked well and assistance was on hand very quickly, the safety of you and your crew is predominantly in your own hands and it is vital that this responsibility is taken seriously.

We try to run a regatta which gives everybody exciting sailing and there are occasions when conditions can deteriorate beyond what is forecast and in that situation it is always the responsibility of the skipper and crew to decide whether to begin or continue racing.

Please read the Safety Booklet carefully and contact the Regatta Office if you have any questions or concerns. We wish you a fun, but most of all, a safe regatta.

### Skipper's responsibility to their crew

**The safety of the boat and crew is the responsibility of both the skipper and the crew.** Skippers have a duty of care to their crew and need to sail and race within the capabilities of crew and boat. This responsibility is enshrined in maritime law and a skipper can be prosecuted if the Maritime Coastguard Agency believe that a crew has had their lives endangered through the action or inaction of their skipper. In extreme cases this can result in a substantial fine or even a jail sentence.

**For some, especially those with smaller, less seaworthy craft or with less experienced crew, this might on occasion mean that a cautious approach needs to be taken.** For example, it might not be sensible for such a boat to carry their spinnaker downwind, especially in wind against tide conditions. There may also be occasions when a skipper decides that the conditions are too tough for them and that they should not race, even though other boats in their class are still competing. These are difficult but important decisions. Of course, if the Race Committee feels that the conditions are too extreme for one or more classes, they will cancel racing for those boats. However, this in no way implies that, if a race is started, any particular boat should herself start.

### Personal flotation

Sometimes the Race Committee will fly flag 'Y' for one or more classes to indicate that flotation devices must be worn by all crew members. However, **it is often sensible for crew members to wear their flotation devices regardless of whether the flag is flying or not**, particularly when sailing dayboats without inherent buoyancy or when working on the foredeck. If flag Y is flying then competitors must wear the type of flotation device required. For dayboats, this can be a dinghy style buoyancy aid, for Black Group boats it must be a lifejacket as defined in the World Sailing regulations. As the RNLI slogan says, "lifejackets are useless unless worn".



'Y' FLAG

## Collisions

**If you are unfortunate enough to be involved in a collision with another boat (whether the other boat is racing or not) and there is any possibility of danger or injury to the crew on the other boat, you MUST stand by them until you are sure that your assistance is no longer required.** If the collision was not your fault, you will probably be able to claim redress for time spent standing by. If the other boat is not involved in the regatta and damage has or might have occurred, you should at least exchange contact details (for possible future insurance claims).

## Assisting others

**It is a primary and absolute responsibility to go to the assistance of any other craft or crew which is in danger. This is included in the Racing Rules of Sailing as the very first rule (1.1).** We have heard of occasions when a boat has been swamped and sunk, with others in her fleet sailing by as if nothing had happened. This is unacceptable. Again, if you do go to the assistance of another boat in trouble (whether or not they are racing), you will normally be able to claim redress for reasonable time lost. If you pick up a person who has fallen into the water from another boat then you will not be penalised for having too many crew.

## EMERGENCY PROCEDURES

### Dealing with casualties while afloat

If a crew member is unfortunate enough to sustain an injury while out racing, **it is up to you to determine the level of assistance you may require. If you need rapid assistance to come to you, then you should use your marine band VHF radio transceiver** (a mandatory piece of safety equipment for all competitors in the regatta) to call the Coastguard on channel 16 or 67, make an emergency DSC call or dial 999 and ask for the coastguard.

### Landing a casualty

If you are going to land a casualty ashore yourselves, the closest place to do this which has permanent medical assistance is at Trinity Landing (in front of Cowes Parade). The regatta office has a paramedic on duty at all times during the regatta and the Regatta hires a private ambulance which stands by at the same location.

If you are not confident about landing at Trinity Landing and want one of the launch service boats to come to you in the river fairway to disembark a casualty, you should call the launch service on channel 8, using the call-sign Tenacity. If a crew member needs a stretcher to get off the boat, you will either need to come ashore or, in extreme situations, call the Coastguard and request a lifeboat or helicopter.

Incidents may occur a considerable distance away from the the Medina River however and you should consider other Solent Ports to access the emergency services if appropriate. It is worth pre-thinking these options whilst reading this document.

### First aid ashore

Ashore, CWL has a resident nurse and basic first aiders who can deal with minor injuries. Any of our front office staff will be able to assist in either directing you to a more qualified person, getting you to hospital or whatever else is required. If urgent attention is required, call the emergency services on 999 as usual.

## Doctors

If you need a doctor while in Cowes, the nearest medical centre is half a mile away, along Newport Road (Cowes Medical Centre number 01983 295251). For out of hours service, St Mary's hospital in Newport has an out-of-hours doctor on duty in the A&E department.

The Isle of Wight also operates an urgent but non-emergency telephone service on telephone number 111. This gets you through to the same control room as used for emergency 999 calls but allows you to talk to a trained member of staff without necessarily initiating an ambulance response.

## SHARING OUR WATERS IN SAFETY

The Solent is home to two of the nation's major ports, Southampton (operated by Associated British Ports (ABP) and Portsmouth (controlled by the Queen's Harbour Master (QHM)). As a result, the Solent sees all sizes of vessel and it is vital that they are able to navigate up the Solent safely while causing the minimum disruption to regatta competitors.

During the regatta, volunteer ABP pilots, the Cowes Harbour Master (or his Deputy) and one of the Red Funnel Ferry masters assist the Race Officers on the Platform of the Royal Yacht Squadron (RYS), communicating shipping movements to help with race planning and escorting ships through the race areas. Throughout the year the harbour authorities work closely with yacht clubs, safety committees and CWL to plan carefully for the regatta, including mark laying and advice on regatta organisation.

Southampton's VTS makes succinct Traffic Information Broadcasts on channel 14 every hour. These contain details of current and expected movements of large vessels as well as other safety information. All major vessel movements within Cowes Harbour are announced on channel 69.

**If you have a problem (such as being becalmed in a shipping channel with no alternative means of propulsion) then it is fine to make a quick contact either with VTS on channel 12, Cowes Harbour on channel 69, or the Cowes Week Race Team on channel 77 as appropriate, to let them know of your situation. You can legitimately use your engine to avoid a collision or a dangerous incident as long as you report this to the Race Committee. (SI 1.8).**

## QUEEN'S HARBOUR MASTER PORTSMOUTH AND ABP HARBOUR MASTER SOUTHAMPTON DIRECTION NO. 3/18 AND GENERAL DIRECTION 16/2021

Mariners are advised that the Queen's Harbour Master has made the following General Direction under the Dockyard Port of Portsmouth Order 2005, and that the Harbour Master of Southampton Port has made the following under General Direction 16/2021:

that any incident that reflects on the safe operation of the docks is to be reported immediately. Such incidents are considered to be those that involve:

- a. Damage to vessels.
- b. **Movement of or damage to navigational marks**
- c. Close quarter situations between two or more vessels, which results in emergency action on the part of the vessels involved.

In these circumstances a report is to be made to the Cowes Week race management without delay, who will liaise with QHM or ABP Southampton as appropriate.

## SOUTHAMPTON - EXTRACT FROM NOTICE TO MARINERS NO. 8 OF 2022

All vessels navigating within the Port of Southampton shall ensure that a vessel greater than 220m in length overall shall be given a 'clear channel' in the area between the Hook Buoy and the Prince Consort Buoy - 'The Precautionary Area' (see Diagram 1). Be advised that Cowes Week works very closely with the Harbour Authorities to run a safe regatta and we will not hesitate to disqualify competitors who fail to take appropriate action. The term 'clear channel' is defined as: 'a clear and unimpeded passage ahead of a vessel when transiting the Precautionary Area'.

Southampton Harbour Byelaw 11 of 2003 enforces the requirement that **all vessels over 150m, when navigating within 'The Precautionary Area' are automatically allocated a 'Moving Prohibited Zone' (MPZ)**. The MPZ is defined as an area extending 1,000m ahead of the bow and 100m from the ship's side on both sides.

**A small vessel (defined as any vessel of less than 20m in length or a sailing vessel) shall not enter an MPZ.** To indicate the presence of the MPZ, vessels of over 150m shall display a black cylinder during the day and three all round red lights in a vertical line at night.

### Tracks followed by Large Vessels

The tracks followed by large vessels within The Precautionary Area will vary considerably depending on the tidal and wind conditions and the manoeuvring characteristics of the vessels themselves.

DIAGRAM 1 • OUTBOUND TRACK



DIAGRAM 2 • INBOUND TRACK DURING FLOOD TIDE

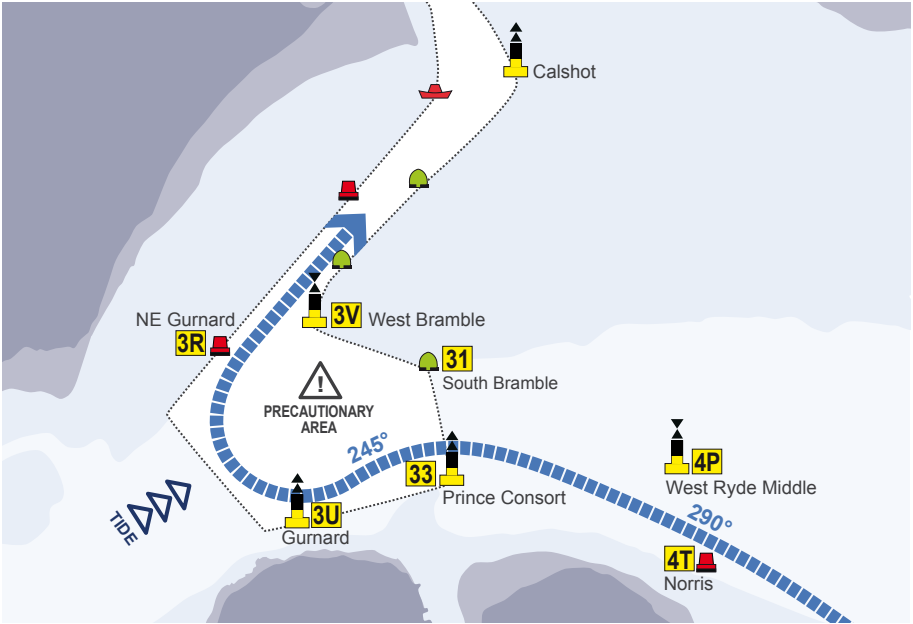


DIAGRAM 3 • INBOUND TRACK DURING EBB TIDE



The tracks shown in Diagrams 1 to 3 are indicative only and inbound and outbound vessels may use the full extent of The Precautionary Area. Unless prevented by emergency circumstance, small vessels should give all large vessels in The Precautionary Area a wide berth and, in particular, they should ensure that they do not enter a vessel's MPZ.

## Outbound vessel tracks - Flood and Ebb tide

All ships leaving Southampton via the Thorn Channel start their turn to port as soon as West Bramble Buoy has been cleared, in order that on steadying-up, their final heading is north of Prince Consort Buoy and directly towards the main channel south of Ryde Middle Bank. However, in ebb tide conditions the ship will be set to the west during the turn and may use the full extent of the south eastern quadrant of The Precautionary Area (see Diagram 1).

## Inbound vessel tracks - Flood tide

If the tide is flooding, this will set an inbound ship to the east as it turns into the Thorn Channel. As it approaches The Precautionary Area, in the vicinity of the Prince Consort Buoy, the ship will make a substantial alteration to port, of up to 40 degrees to the southwest towards Gurnard Buoy in order to give the maximum turning area into the Thorn Channel. The turn to starboard may not be commenced until the ship is very close to or just passed Gurnard Buoy, thus allowing some set to the east in the approach to the Thorn Channel entrance (see Diagram 2). In flood tide conditions, small vessels are advised to closely monitor the bearing of a large vessel as it approaches The Precautionary Area and to allow for the alteration of course to port.

## Inbound Track - Ebb Tide

If the tide is ebbing, the ship will be set to the west in the turn and thus the turn to starboard into the Thorn Channel will commence much earlier and as much as four to five cables from Gurnard Buoy. In this case, the alteration to port at Prince Consort Buoy may be less obvious (see Diagram 3).

## Southampton Harbour Master's Patrol Launch

**When operationally possible, the Southampton Harbour Master's Patrol Launch (VHF Call Sign "SP" watching VHF Channel 12) will precede all vessels over 150m within The Precautionary Area and will show, in addition to the normal steaming lights, an all round blue light. The absence of a patrol launch does not invalidate the implementation of a vessel's MPZ.**

Within The Precautionary Area all instructions given by the Southampton Harbour Master's Patrol Launch should be acknowledged and promptly carried out. Note that during Cowes Week, **the Patrol Launch may be assisted by one or more RIBs whose instructions must also be obeyed.** Failure to follow instructions is highly likely to lead to action by the race committee against competitors ignoring said instructions.

See [http://www.southamptonvts.co.uk/Yachting\\_and\\_Leisure/Notices\\_to\\_Mariners/](http://www.southamptonvts.co.uk/Yachting_and_Leisure/Notices_to_Mariners/) for the full text of this and all other ABP Notices.



## RECREATIONAL SAFETY - LEE ON SOLENT AND STOKES BAY

The attention of all mariners is drawn to the following precis from the appropriate Borough of Gosport Byelaw: "Boats shall not be sailed in a manner likely to be dangerous to or without reasonable consideration for swimmers and other water users between the western end of the sea wall at Lee-on-the-Solent to a point opposite the junction of Dolphin Way with the sea wall at Royal Naval Hospital Haslar".

Additionally, there is a line of ten yellow buoys between the Gosport Inshore Rescue Services Headquarters (Posn 50°46.7'N: 001°08.9'W) and the outfall (Posn 50°47.1'N: 001°10.0'W) at a distance of 50m from the shore. No vessel should pass inside the line of yellow buoys.

## COWES HARBOUR - LOCAL NOTICES TO MARINERS

Sailing in the Medina river takes place alongside considerable commercial ferry operations. Competitors must at all times be vigilant for these vessels entering the harbour and take appropriate action to stay clear. Cowes Week works very closely with the ferry companies and with the Cowes Harbour Master to ensure, as much as possible, racing can take place at the mouth of the Medina river and ferry captains will adjust their course and speed to try and minimise their interference. It is vital, however, that competitors take a prudent approach to ensure that all boats using the water do so safely and harmoniously.

### The Fairway

The Cowes Harbour fairway has been divided into two distinct areas; the 'outer fairway' and the 'inner fairway'.

All mariners are reminded of the requirements under Rule 9 of the Merchant Shipping Distress Signals and Prevention of Collisions Regulations 1996 (COLREGS) as amended, in particular part b) 'A vessel of less than 20 meters in length or a sailing vessel shall not impede the passage of a vessel which can safely navigate only within a narrow channel or fairway.'

The Cowes Fairway extends north of No 1 and 2 buoys, and is referred to as the 'outer fairway'. Small craft should be vigilant for regular ferry traffic and large commercial traffic which cannot safely navigate outside of the outer or inner fairway, and are reminded again of their duty under Rule 9 of the Collision Regulations; compliance with the Collision Regulation is also a requirement of the Cowes Harbour Commission General Directions.

Vessels under sail especially in light winds may be unable to comply with Rule 9, for this reason sailing vessels when navigating in or near the main fairways are required, under Cowes General Direction 4.6, to have their engines, if fitted, ready for immediate use. See LNTM 48 of 2016 for more information.

### Breakwater

The Cowes detached breakwater is marked with two buoys and five beacons. In addition to the permanent marks, two temporary North Cardinal marks will be instated to mark the surplus shingle that remains in temporary storage along the north face of the breakwater. Mariners are strongly advised to remain 50 metres to the north of the breakwater crest to avoid the surplus gravel which reduces depths below those charted. See LNTM 24(T) of 2016 for more information.

## Inner Harbour Cross Current

Between HW -3 hours and HW, vessels transiting the Inner Fairway between the Island Sailing Club and the Small Craft Channel may experience a westerly setting tidal flow of up to 1.5knots particularly on spring tides; this cross current will have a tendency to set vessels down towards the western shore. Small craft when outbound should be prepared to alter their heading so as not to be set across the fairway when transiting this area and avoid impeding the safe passage of commercial shipping and ferries.

See LNTM 60 of 2016 for more information.

## Other General Directions of note

General Direction 3.2 - Every vessel navigating the Inner Harbour of Cowes or within 100 metres of the Mean High Water Mark shall unless otherwise authorised by the Harbour Master in writing, subject to the requirements of maintaining adequate steerage way and control, be navigated at a speed not exceeding 6 knots through the water.

General Direction 3.3 - A vessel shall not be navigated or manoeuvred in any part of the Inner Harbour or within 100 metres of the shore in a manner or at a speed so as to cause wash to be generated that may cause damage to or endanger the safety of other persons, vessels or property.

General Direction 3.6.1 - No person shall navigate or attempt to navigate a vessel when unfit by reason of drink or drugs.

General Direction 3.7 - The Master of any vessel leaving a marina area or mooring within the Harbour shall give way to vessels already underway and navigating in the harbour.

General Direction 5.6 - Vessels must not anchor in the fairway, small craft channel, or in any of the areas containing small craft moorings due to the presence of ground chains. These areas are clearly identifiable on the navigational charts for the area.

All other General Directions are available at [www.cowesharbourcommission.co.uk/general\\_directions](http://www.cowesharbourcommission.co.uk/general_directions)

## Chain Ferry

The rules regarding the Chain Ferry changed last year and a new General Direction issued. This is detailed in Cowes Notice to Mariners number 15 of 2016. The following being an extract from that notice:

6.1. Requirement to Give Way – All vessels (except those in Direction 6.5) shall, when safe and practical, give way to the Chain Ferry.

6.2. Action by Give Way Vessels – All vessels when approaching the chain ferry when it is displaying a flashing yellow light shall, if safe and practicable, take early and appropriate action to allow the chain ferry to commence or complete her passage to the opposite bank. Such action may include reducing or taking all way off and allowing the Chain Ferry to pass safely ahead or alternatively, if safe and practical, maintain speed and pass well clear of the forward end of the chain ferry.

6.3. Action by Chain Ferry – Nothing shall exonerate the Chain Ferry from taking the appropriate action to avoid a close quarter situation or collision as soon as it becomes apparent that a vessel is not taking action or is unable to take avoiding action as required.

Please also make the time to read all the relevant Cowes Local Notices to Mariners that are available in full at [www.cowesharbourcommission.co.uk/local\\_notices\\_to\\_mariners](http://www.cowesharbourcommission.co.uk/local_notices_to_mariners)

# SAFETY REGULATIONS

## White Group (Dayboat) Safety Regulation for Cowes Week

### Application

- a. These regulations apply to all boats racing in the White Group at Cowes Week.
- b. One-design classes shall additionally comply with their Class Rules (if any).

### General

All safety equipment shall be of a suitable size and type for the boat and the conditions, and all equipment and fittings (including outboard engines if carried) shall be securely fastened.

### Buoyancy

Each boat shall either be self-draining or be equipped with a suitable means for bailing or pumping.

### Personal buoyancy

A personal flotation device (PFD) adequate for the conditions shall be carried for each crew member.

### Radio

Each boat shall carry a suitable marine band VHF transceiver for use in an emergency.

### Flares

Each boat shall carry at least two red hand flares or a white LED in a waterproof pack. All flares shall be in-date.

### Anchor

Each boat shall carry a suitable anchor and sufficient chain/warp to hold the boat in 20m depth of water in the expected racing conditions.

### Compass

Each boat shall carry a marine compass.

### Fire extinguisher

Boats carrying fuel shall carry a fire extinguisher.

### First aid

Each boat shall carry a waterproof first aid pack with instructions.

### Man overboard

Each boat shall carry a rescue quoit or throw-bag with at least 15m of floating line.

### Towing

Each boat shall carry a length of throwable line suitable for taking a tow.

### Knives

Most sailors are aware of the need to have a serviceable knife close at hand in case it is needed. Whilst Cowes Week does not specify the number and location of said knives, all competitors should be aware of the risk of entanglement and take appropriate steps to mitigate these risks.

## Black Group Safety Regulations - World Sailing Offshore Regulations for Category 4 races

The World Sailing regulations are available as a pdf download from the World Sailing website at [www.sailing.org](http://www.sailing.org) and an extract for category 4 races is contained in the Solent Book, produced by the Solent Cruising & Racing Association and available at local newsagents.

DIAGRAM 4 • COWES FAIRWAY & COWES BREAKWATER

