



**Navigators' Challenge
Overnight Race
28 February - 1 March 2026**



K0 PURPOSE

The Navigator's Challenge is designed to challenge each team's navigation, strategy, endurance and seamanship through an overnight, build-your-own-course distance race. Competitors are encouraged to plan and execute a course that maximizes performance within the race window, balancing tactical decision-making, safe boat handling and effective teamwork on the water.

K1 [NP][DP] GENERAL

A minimum of 10 entries will be required to run this race.

The minimum safety category for this race is 5N.

While racing, a boat shall neither make nor receive radio communications not available to all boats. This restriction also applies to mobile telephones and satellite phones except when being used for formal race communications or contacting the race director.

The OA may require tracking software to be loaded on a mobile device on the boat. Competitors must make provision to keep the mobile device charged and active for the duration of the race. Instructions for the installation and operation of this software will be provided at least 24 hours in advance of the start of the race.

Boats with AIS transponders or other tracking devices/software must have them always switched on.

It is compulsory for boats to respond to all scheduled radio and SMS communications, including the Sign-On Schedule and any Position Schedules.

Boats must not give false or misleading position reports.

Boats must not interfere with operation of any tracking units.

The Race Committee will be on standby for VHF Channel 82 and mobile +61 0422 099 677; emergencies must be reported to Water Police on VHF Channel 16 and/or by calling 000.

K2 THE START

The start of the Navigators Challenge is the same as the PPNYC St Leonard's Race run by HBYC.

A compulsory first leg is required.

This compulsory leg is the PPNYC St Leonard's Race commencing on 10:00 on 28 February 2026.

Boats will finish the St Leonard's race by sailing through the finish line and then commence the Navigators challenge course by sailing the approved optional legs.

On passing the finish line at St Leonard's and receiving a finish time for that race, boats must sign off to the HBYC race committee as shown in the St Leonard's Sailing Instructions advising that they will be commencing the Navigators Challenge.

Boats must then sign on to the Navigators Challenge race by contacting the RYCV Race Committee on VHF channel 82 indicating they are commencing the optional legs of the Navigators Challenge and giving the leg number of their first leg.

K3 THE FINISH

The finish line shall be in the vicinity of the X-Ray mark .

The finish line shall be an imaginary line between the flag mast bearing a blue flag on the committee vessel and an orange cylindrical buoy.

The finish time shall be 0900 on 1st March 2026. A penalty will be applied based on the number of minutes before or after 0900 1st March 2026.

The committee vessel will be on station from 0800 1st March 2026 to 1000 1st March 2026.

Boats finishing before 0800 1st March 2026 or after 1000 1st March 2026 will be scored DNF.

If no competitors have completed the course by 1000 the distance sailed for each competitor will be the sum of all completed legs.

K4 SHORTENING COURSE

In the event of the race committee shortening course an announcement will be made on the race radio and via SMS. The distance sailed for each competitor will be the sum of all completed legs.

K5 RACE RADIO

The Race Committee will make Race Management announcements on VHF Channel 82.

Competitors will be required to keep regular radio skeds with the Race Committee on the Race Management Channel at scheduled times. Boats are to provide a position report and a list of the optional legs undertaken since the previous report.

Boats not answering their radio sked call will be called again at the end of the sked.

The Race Committee will conduct a sked for boats who have commenced sailing their optional legs in sail number order at the following times.

28 th February 2026	1805 , 2105,
1 st March 2026	0005 ,0305 and 0605

If you experience radio issues or have not been contacted by the Race Committee at the scheduled times, boats may contact RYCV by phone on +61 0422 099 677.

K6 CREW DECLARATION

All crew must be declared using the link provided below. This is in addition to any declarations required for the St Leonard's Passage Race.

https://topyacht.com.au/db/kb2/mob_crew_login.php

K7 SAFETY

All boats shall carry a fixed VHF radio with a permanent antenna and keep a listening watch on VHF channels 16 and 82.

Single Handed sailing is not permitted.

Approved Lifejackets with a light shall be worn when required by Marine Safety Victoria Regulations and while on deck at times of heightened risk including:-

- a) When sails are reefed and/or there is a significant wind effect on the water or wave heights that might jeopardize the safety of the vessel or its occupants.
- b) Inexperienced people on board
- c) When sailing two handed
- d) When sailing at night.

Crew on deck at night shall be attached to the boat with an approved tether.

K8 COMPULSORY FIRST LEG AND FINISH LEG

K8.1 The compulsory first leg of the RYCV Navigators Challenge will be the PPNYC St Leonard's Distance Race hosted by HBYC.

Competitors in the Navigators Challenge overnight race must enter the PPNYC St Leonard's Distance race as well as the RYCV Navigators Challenge.

Boats completing the PPNYC St Leonard's Distance race and the RYCV Navigators Challenge will receive scores in both races.

The Sailing instructions that form the first section of this race may be found on the HBYC website. <https://hbyc.org.au/race-documents>

The finish line of the St Leonard's distance race will be a mark of the Navigators Challenge course.

K8.2 The compulsory finishing leg of the Navigators Challenge will be

Leaving R3 to port ,R4 to port (2.1 nm) to Finish (0.7nm)

Boats must radio RYCV Race Committee when rounding R4 stating their sail number.

K9 SCORING

Scoring will be based on the Actual Distance sailed by each yacht.

The Actual Distance is adjusted by dividing it by the handicap for each division entered to give an Adjusted Distance for each handicap category.

The Penalty for not finishing at the designated time (0900 1st March 2026) will be given by the formula:

$([\text{minutes early or late}] / 60) \times \text{Average Speed}$

Average Speed is calculated as the Actual Distance divided by 23, the total hours of the challenge. The calculated Penalty will be deducted from the Adjusted Distance to give the Final Distance. The competitor in each division with the highest Final Distance will be deemed the winner of that division.

A copy of the Navigator's Log from each finishing yacht is to be submitted to the Race Committee within 2 hours of its finish for calculation and verification of Actual Distance sailed. This submission may be made via email or a legible Photograph sent via SMS.

The Navigator's Log must clearly show the following information:

- **Marks rounded in sequence**
- **Position at each Radio Position Schedule**
- **Cumulative (at each mark) nautical miles sailed**

K10 COURSES AND MARKS

K10.1 After starting and sailing the compulsory leg yachts may sail any choice of the approved legs, noting the following:

- Legs may be sailed in either direction.
- A yacht may not sail the same leg, in any direction, more than twice.
- Yachts may round a mark on either side.

K10.2 Compulsory Legs

Leg#	From	To	Distance (nm)	Comments
1	Start	St Leonards finish line	20.6	Starting Compulsory Leg
2	R3	R4	2.1	Finishing Compulsory Leg 1
3	R4	Finish	0.7	Finishing Compulsory Leg 2

K10.3 Optional Legs

StartMark	EndMark	DistanceNM
R3	RMYS B	0.643
R 4	X-Ray	0.672
SB 3	R3	0.752
RMYS E	RMYS B	1.107
SYC 2	SYC 7	1.116
RMYS B	RBYC 5	1.178
RMYS E	SB 3	1.222
RBYC 2	SYC 2	1.291
R3	R 2	1.354
RMYS G	SB 3	1.509
V 2	V 4	1.682
RBYC 5	RBYC 2	1.734
R 2	RBYC 5	1.800
RMYS G	RMYS E	1.802
SYC 1	SYC 7	1.908
SB 1	R1	2.009
P 3	P 2	2.026
SBSC Start	R1	2.057
P 2	Outer Achorage	2.089
SBSC Start	SB 1	2.158
SB 2	SB 1	2.409
Outer Achorage	Spoil Ground	2.412
R 2	P 2	2.575
R 4	R3	2.597
P 2	RBYC 2	3.236
Point Richards Entrance	Prince George	3.592
P 2	Spoil Ground	3.706
SB 2	SBSC Start	3.710
P 3	Outer Achorage	3.746
P 2	SYC 2	3.899
St. Leonards Finish	Prince George	3.941
V 3	Prince George	4.130
SYC 2	Spoil Ground	4.605
R1	Mornington VM	4.740
SYC 1	Spoil Ground	4.757
Prince George	V 2	4.773
Outer Achorage	SYC 1	5.815
Outer Achorage	V 2	6.297
Point Richards Entrance	V 2	6.457
Point Richards Entrance	Point Richards No.18	6.907

Spoil Ground	MMYC1	8.437
Centre Mark	MMYC1	8.860
V 4	MMYC1	10.829
MMYC1	Mornington VM	11.057
Centre Mark	Mornington VM	11.883
Point Richards Entrance	Spoil Ground	11.894
V 3	MMYC1	12.318
St. Leonards Finish	R1	13.255
R1	Centre Mark	13.772
V 4	Mornington VM	13.979
V 3	Mornington VM	14.544
Mornington VM	St. Leonards Finish	14.747
Mornington VM	Spoil Ground	15.308
Prince George	Mornington VM	15.359
Prince George	MMYC1	15.752
SB 1	V 4	16.297
Outer Achorage	Point Richards No.18	18.904
HBYC St Leonards Start	St. Leonards Finish	20.510

K10.4 Marks

Mark Name	Description	Light	Lat	Long
Centre Mark	Yellow Pyramid-X	Y Fl Y 2.5s	38.058	144.870
MMYC1	Special Mark	FLY 5s	38.027	145.053
Mornington VM	Virtual Mark		38.210	145.032
Outer Achorage	Yellow Pillar-X	Y BN Fl(4) Y 12s 3M	37.948	144.858
P 2	Yellow Pyramid		37.922	144.887
P 3	Black Pillar		37.888	144.880
Point Richards Entrance	North Cardinal	BY Q 9M	38.082	144.665
Point Richards No.18	Pile (N Cardinal)	BY Q	38.132	144.533
Prince George	Pile (port Lateral)	R Fl R 4s 8M	38.105	144.735
R 2	Yellow Pillar	Y Fl(3) Y 10s	37.908	144.938
R 4	Yellow Pillar	Y Fl(3) Y 10s	37.845	144.922
R1	Yellow Pyramid	Y Fl (3) Y 10s	38.273	144.972

R3	Yellow Pillar	Y Fl(4) Y 10s	37.886	144.940
RBYC 2	Yellow Pyramid-X	Y Fl(4) Y 12s	37.922	144.955
RBYC 5	Yellow Pyramid-X	Y Fl(4) Y 12s	37.897	144.973
RMYS B	Yellow Pillar		37.885	144.953
RMYS E	Yellow Pillar	Y Fl(4) Y 10s	37.868	144.963
RMYS G	Yellow Pillar	Y Fl(4) Y 10s	37.848	144.935
SB 1	Yellow Buoy	Y Fl (2) Y 15s	38.298	144.943
SB 2	Yellow Buoy	Y Fl (2) Y 15s	38.333	144.918
SB 3	Yellow Pyramid-X		37.873	144.938
SBSC Start	Pile (S'bd Lateral)	G BN Fl(4) 10s	38.305	144.988
Spoil Ground	Yellow Can-X	Fl Y 5s	37.983	144.883
St. Leonards Finish	Laid Mark		38.170	144.723
SYC 1	Yellow Pyramid	Y Fl(4) Y 10s	37.962	144.980
SYC 2	Yellow Pyramid	Y Fl(4) Y 10s	37.942	144.965
SYC 7	Yellow Pyramid	Y Fl(4) Y 10s	37.930	144.983
V 2	Yellow Pillar-X	Y Fl Y 4s	38.038	144.790
V 3	Yellow Pillar-X	Y Fl Y 4s	38.055	144.795
V 4	Yellow Pillar-X	Y Fl Y 4s	38.043	144.825
X-Ray	Orange Buoy	No lights	37.856	144.919

These mark descriptions and positions should not be used uncritically. They have been assembled from the best information available but may only be approximate and may contain errors.

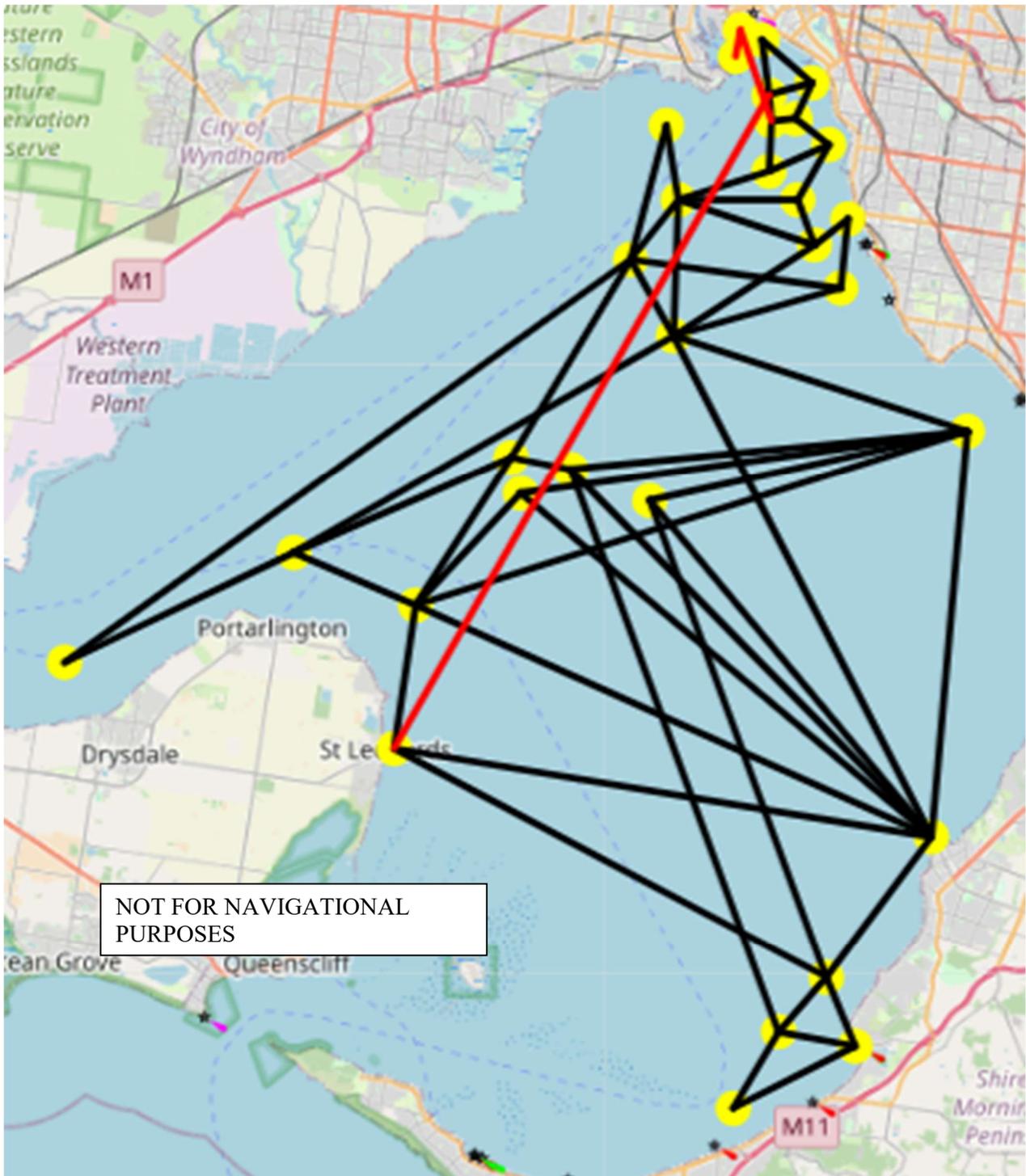
Skippers and navigators should verify mark information using their own resources.

K10.5 Virtual Marks

For the avoidance of potential issues relating to a physical mark structure not being located in the vicinity of the specified Mark at the time of the event, all boats will sail to the location nominated in K9.4 for the specified mark, and round that position, as a "Virtual Mark".

K10.6 Declaration of Virtual Marks

All boats electing to round a Virtual Mark shall declare at the next Position Schedule, any marks that they have rounded since the previous Position Schedule, which marks they deem to be virtual. Declarations of Virtual Marks shall be open to protest, should evidence be produced to prove the existence of the physical mark structure for the mark in question, at the time of event, and if upheld, the boat(s) in question may have the leg completed prior to rounding the "Virtual Mark" and the leg completed immediately after rounding the "Virtual Mark", disqualified from their official race log.



RYCV Navigator's Challenge overnight Race

- Compulsory Legs
- Indicative Selective Legs