



Lowry Bay Yacht Club

2020

24hr Endurance Yacht Race



14th – 15th March 2020

Sailing Instructions

The Organising Authority is the Lowry Bay Yacht Club Incorporated (LBYC)
Seaview Marina, 100 Port Road, | PO Box 30-533, Lower Hutt | Tel (04) 568 3715 |
Website: www.lbyc.org.nz Email: info@lbyc.org.nz

1. Rules

General and Safety Rules

- 1.1 The LBYC 24hr Endurance Yacht Race will be governed by the 'rules' as defined in the Racing Rules of Sailing ("RRS") and the Wellington Regional Navigation and Safety Bylaws.
- 1.2 Keelboats (including multihulls) shall comply with Part II of the Yachting New Zealand Safety Regulations, Category 5 upgraded to include two VHF transceivers, a GPS receiver, bosun's chair, jackstay lines fitted to the boat, tether safety lines for the whole crew, Wellington Harbour Chart NZ 4633, and a whistle and light on all lifejackets. Life jackets are required to have a crotch strap fitted.
- 1.3 Trailer yachts shall comply with Part V of the YNZ Safety Regulations, Category B upgraded to include two VHF transceivers, 2 torches, a GPS receiver, jackstay fitted to the boat, tether safety lines for the whole crew, Wellington Harbour Chart NZ 4633 (a requirement of Cat B), and a whistle and light on all life-jackets. Life jackets are required to have a crotch strap fitted. A minimum of 5 litres of fuel shall be carried onboard.
- 1.4 All boats with outboards shall keep them mounted in an operable position at all times.
- 1.4 The International Rules for Preventing Collisions at Sea shall apply between sunset (1942hrs) and sunrise (0717hrs).
- 1.5 Harbour bylaws, interference with harbour traffic:
 - (a) All yachts shall comply with the Wellington Regional Navigation and Safety Bylaws.
 - (b) There will be a moving prohibited zone extending to 100m astern and 100m to each side, and continuing at such width to 500m ahead of every vessel larger than 500 GRT.
 - (c) A yacht will be disqualified without a hearing if a vessel larger than 500 GRT reports to the Race Committee, to the Harbour Master, or to Maritime NZ, that the yacht has either:
 - (i) entered her moving prohibited zone; or
 - (ii) impeded her navigation (including but not limited to requiring her to take avoiding action)

This changes rule 63.1

- (d) A yacht may use her engine to move out of a moving prohibited zone but must motor back to her position prior to taking this action then carry on sailing.
- 1.6 Skipper and crew shall wear lifejackets at all times during the hours of darkness while on deck. During daylight hours the Skipper and crew shall wear lifejackets at all times while on deck unless the person in charge of the vessel considers that conditions are such that there is no significant increase in the risk to safety of any person and expressly gives permission for lifejackets not to be worn. The exception to this is when Flag "Y" is flying and this would have been announced on VHF and by text to all boats.
- 1.7 In the event that a boat runs aground, it may use its own engine or receive help from another competitor or power vessel to tow them into deeper water. Once clear, this assistance must end immediately. This changes rule 41.
- 1.8 All boats will have a mobile phone with the Predictwind tracker app installed and configured to LBYC. It is intended that we use this to keep track of all boats, however it will not be used as the primary method for determining the distance travelled.

Changes to Racing Rules

- 1.9 Rule 51 will be changed as follows:
- (a) Yachts may use movable ballast in the form of water and/or a canting keel only, provided such ballast has no practical function in the yacht other than to increase weight and/or to influence stability and/or trim and which may be moved but not varied in weight or length whilst racing, and further provided that such ballast is used in accordance with all applicable requirements of the yacht's Safety Certificate.
- (b) Yachts with lifting keels shall have keels locked in the down position and not moved whilst racing.
- 1.10 For protests where only a rule of Part 2 or rule 31 is alleged to have been broken, an arbitration hearing may be offered prior to any formal protest hearing.
- 1.11 Trailer yacht crew may wear a type 401 lifejackets with a crotch strap fitted. This changes Part V Rule 12.1 (b) YNZ Safety Regulations.

2. Notices to Competitors

Notices to competitors will be posted on the official notice board in LBYC clubhouse.

3. Changes to Sailing Instructions

Any changes to the Sailing Instructions will be posted on the official notice board before 0900hrs on Saturday 14 March 2020.

4. Signals Made Ashore.

When flag "AP" is displayed ashore, '1 minute' is replaced with 'not less than 30 minutes' in the race signal AP.

5. Schedule of the Race.

| | | | |
|-----|------------------------|----------------------|--------------|
| 5.1 | Wednesday 4 March 2020 | Registration | 1700-1900hrs |
| | | Briefing | 1930hrs |
| | Saturday 14 March 2020 | Weather Briefing | 0900hrs |
| | | Warning Signal | 1055hrs |
| | | Race Start | 1100hrs |
| | Sunday 15 March 2020 | Race Finish | 1100hrs |
| | | Prize Giving approx. | 1400hrs |

- 5.2 The Saturday morning briefing will be to announce the course, the weather forecast for the next 2 days, shipping movements or any other nautical hazards and making sure everyone's tracker on mobile phones are operating.
- 5.3 Every endeavour will be made to continue the race for the whole 24 hours, however:- The Race Committee reserves the right to delay the start or to finish the race early due to weather, or any other unforeseen circumstance that it would make it unsafe or unethical to continue racing.
- 5.4 The Race Committee also reserves the right to pause racing due to bad weather or other unforeseen circumstance and restart the race later from a Start Line, during the race time.

6. Divisions.

- 6.1 The event is to be run as 1 division.
- 6.2 The class flag will be a Yellow shutter/Flag.

7. Race Area.

The 24hr Endurance race will be held within the Wellington Harbour.

8. Course.

- 8.1 The diagrams in Appendix A show the courses, the order in which marks are to be passed, and the side on which each mark is to be left.
- 8.2 The Northerly course will be sailed anti-clockwise.
- 8.3 The Southerly course will be sailed clockwise.
- 8.4 Direction will not change after the start.
- 8.5 2 large laps may be sailed before going onto the small laps. This will be communicated to the competitors at the Saturday morning briefing.
- 8.6 The race committee may shorten the race from 2 large laps to just 1 large lap.

9. Marks.

- 9.1 Marks are described in Appendix A.
- 9.2 The starting mark is an Orange cylindrical mark.
- 9.3 There will be lights attached to all marks on the small course. (2nd and subsequent laps)

10. Areas that are Obstructions.

- 10.1 An area of shallow water north of Mark 21 and to the west of the river mouth of the Hutt River.
- 10.2 When the oil tanker is berthed at the Pt Howard oil wharf there is a 200m exclusion zone around the vessel.
- 10.3 A line between the Northern end of Mokopuna Island and the reef extending to the north approx 200m

- 10.4 The area between Mokopuna and Matiu Islands. Sunken rocks in channel.
- 10.5 A line between Pt Jerningham light and the nearest point of land at Pt Jerningham.
- 10.6 The area of shallow water around Rona Wharf and on the beachside of the inner distance mark of the start line

11. Communications by VHF and Mobile Phone

- 11.1 VHF radio communications will be on ch62 for the entire 24hrs. If for any reason ch62 becomes inoperable we will switch to ch17. A text will be sent to every boat. Yachts are suggested to also have a dual watch of ch16 for safety purposes
- 11.2 A boat shall neither make radio transmissions nor receive radio communications not available to all boats except as allowed by the Sailing Instructions.
- 11.3 Except for the required VHF check in prior to starting the race and using the VHF for Dusk and Dawn radio Schedules, it is acceptable to do all other communications to Race Management by either VHF or Text. This includes confirming times for lap completions and any other messages boats wish to pass to Race Management.
- 11.4 Boats may make live streams or posts to the 24hr Endurance race Facebook page during the race.
- 11.4 Mayday or Pan Pan calls should be made on Ch16 to Wellington Maritime Radio.

12. The Start.

- 12.1 The start line will be between a Red cylindrical mark and a small Orange inner distance mark lined up with the Orange staff and flag on the Rona wharf.
- 12.2 All yachts shall make an on-water radio check with Lowry Bay Sports Radio prior to the warning signal. Any yacht failing to complete a radio check will not rank as a competitor.
- 12.3 The start sound signal may be a cannon and all other sound signals shall be a horn.
- 12.4 Boats failing to cross the start line within 30mins of the start signal will be recorded as Did Not Start. This changes rule A4.2
- 12.5 If any part of a yacht's hull, crew or equipment is on the course side of the start line at the starting signal and she is identified, the race committee will display 'Individual Recall' (flag X) and will attempt to broadcast her name or sail number by VHF.
- 12.6 In the event of an individual recall, flag X shall be displayed until all such yachts have sailed the prestart side of the start line and have complied with rule 30.1, but no later than 30 minutes after the start signal. This changes rule 29.1.
- 12.7 In the event of a race restart (after a pause) the start line will be between the LBYC startbox and a Yellow cube mark and the start sound signals shall be a horn.

13. Change to the course.

- 13.1 There will be no change or movement to the course marks once the race has started.

- 13.2 The race committee reserves the right to pause or abandon racing if the wind becomes too strong. This wind limit will be announced at the briefing on Saturday 14 March. If the racing is to be paused it will be treated as a finish (take GPS position as per 15.1a). The RO has the right to restart the race from the Pt Howard startbox when the wind decreases and as limited by 13.4.
- 13.3 If the call is made to pause racing, all yachts shall treat this as a finish **15.1** then return to the marina and await further instructions. On entering the marina, each yacht is to call up Lowry Bay Sports radio to say that they have safely reached the marina. A warning signal via VHF radio call from the RO will be made no sooner than 30 minutes before a race restart.
- 13.4 The racing will not be paused more than once after the initial start.

14. Completing a Lap / Filling in boat log

As each boat passes through the start/lap finish mark they must record in their boat log the time of completion of that lap. Boats must within 10 minutes of completion of the lap also advise and request acknowledgement from the Race Management that they have also recorded that same time. This communication may be by VHF or by Text on **0277376618**.

This is a **very important** part of the race process and safety management plan for the event.

15. The Finish

15.1 At 1100hrs on Sunday 15 March 2020, each yacht shall:

(a) Note her GPS position. This GPS position must be in the format:

Latitude 41 Degrees xx.xx Minutes S

Longitude 174 Degrees xx.xx Minutes E

(b) Record the boat(s) nearest to her if visible;

(c) Record the last mark rounded;

(d) Record the estimated distance covered from last mark.

15.2 Appendix B: Lap completion and finish log must be completed and handed into the LBYC race office by 1230hrs on 15 March 2020.

15.3 The Predictwind tracking software may be used to confirm the position of a yacht if there is a problem/dispute with the position.

16. Penalty System

16.1 Rules 44.1 and 44.2 will apply.

16.2 A yacht that has taken a penalty under rule 31 or 44 shall inform the race committee after the race.

16.3 Any boat which fails to submit a full log of lap completion, or in anyway compromises that information, will be given a 10% distance penalty when the results are calculated. Any boat failing to complete the correct GPS position and format for the finish shall be assumed to have finished at the time recorded for the last lap they completed.

17. Protests and Request for Redress.

The race committee looks to competitors to enter the event in the right spirit, be meticulous in observing the rules and complete a two-turn penalty (or retire) immediately if they breach them. Should the competitors feel the need to formally protest, this should be done by lodging a protest form at the LBYC race office within 90 minutes after the finish of the race. Yachts are also required to notify the RO of their intention to protest at the next radio schedule (19.2) after the incident.

18. Scoring.

- 18.1 The race will be scored on total distance sailed around the course and corrected distance on handicap by way of DCF handicap allocated to each yacht by the Organising Authority.
- 18.2 The distance of each lap is known and once a yacht completes a lap they have sailed that known distance.
- 18.3 Handicaps will be fundamentally derived from the racetrack.co.nz website or when no racetrack record is available, from the waterline length of the yacht taking into consideration what make the boat is. Handicaps shall be posted on the notice board by 1000hrs Saturday 15 March 2020.

19. Safety Regulations.

- 19.1 A yacht that retires from the race shall notify the race committee by mobile phone **(0277376618)** as soon as possible and the RO will acknowledge back by text.

- 19.2 **VHF Radio Procedures** – There will be 2 radio schedules during the race for all boats and will be done as follows:

1800hrs Saturday 14 March 2020

0700hrs Sunday 15 March 2020

Competing boats will be called in alphabetical order. Boats that do not report in will be called at the end of the schedule. When called, yachts will reply as follows:

- 1) This is "Yacht name"
- 2) Approximate GPS position on the harbour
- 3) Number of laps completed
- 4) Last buoy rounded
- 5) Report that the yacht and crew are safe and well

In the event that a yacht cannot be contacted by VHF, a mobile number will be tried, and then attempts will be made to ascertain the position of that yacht from the race monitoring vessels around the course.

Laps completed and approx. GPS position to be completed onto Race Log sheet prior to the schedule.

20. Equipment Checks

A boat or equipment may be inspected at any time for compliance with the Sailing Instructions. Each boat will be checked by another skipper using 1 of 4 boat safety forms. This needs to be completed and handed in to Lynn Porter by Friday 13 March.

21. Event Advertising

Boats shall display any event advertising as supplied by the organising authority.

22. Official Boats

Official boats may be flying a LBYC burgee.

23. Rubbish Disposal

All rubbish is to be disposed of back on-shore after the race.

24. Prizes

12.1 The prizegiving will be held in the LBYC club room commencing at approx. 1400hrs Sunday 15 March 2020.

12.2 The 24-Hour Endurance Yacht Race prizes and trophies will be awarded as follows:

- Line Honours (Longest distance sailed) Heineken Centennial Tankard
- Longest distance new record (if this is achieved) (Shield)
- 1st on handicap (corrected distance sailed) Gibson Sheat Cup
- 2nd, 3rd, 4th & 5th on handicap (corrected distance sailed).
- 2nd and 3rd on handicap Cups
- Class prizes if there are 3 or more boats of one class competing.

12.3 Other spot prizes will be awarded to all boats that complete the race.

25. Disclaimer of Liability

25.1 Competitors participate in the race entirely at their own risk. See Rule 4, Decision to Race. The organising authority will not accept any liability for material damage or personal injury or death sustained in conjunction with or prior to, during, or after the race.

25.2 Competitors accept that sailing is by its nature an unpredictable sport and therefore inherently involves an element of risk. By taking part in the event, each competitor and the responsible adult agree and acknowledge that:

- They are aware of the inherent element of risk involved in the sport and accept responsibility for the exposure of themselves and their boat to such inherent risk whilst taking part in the event;
- They are responsible for the safety of themselves, their boat and their other property whether afloat or ashore;
- They accept responsibility for any injury, damage or loss to the extent caused by their own actions or omission;
- Their boat is in good order, equipped to sail in the event and they are fit to participate;
- The provision of a race management team, patrol boats and other officials and volunteers by the event organiser does not relieve them of their own responsibilities;
- The provision of patrol boat cover is limited to such assistance, particularly in extreme weather conditions, as can be practically provided in the circumstances.

26. Insurance

Each participating boat shall be insured with valid third-party liability insurance with a minimum cover of \$1,000,000 per event or the equivalent.

Appendix A



Lowry Bay Yacht Club (Inc.)

Marks and Course Diagrams

GPS positions of marks and accurate course lengths will be given out at the Saturday morning briefing.

| | |
|----------------------------------|---|
| Start at Rona Wharf | Orange/Red cylindrical mark |
| Start/Finish Lap (off Pt Howard) | Yellow Cube mark |
| Petone – 19 | Orange spherical mark with Orange mark attached |
| Horokiwi | Yellow Cube mark |
| Ward Is – 12 | Orange spherical mark with Orange mark attached |
| Ngauranga – 4 | Orange spherical mark |
| No. 1 Leading light – 6 | Light Tower |

Northerly Courses (Southerly reversed)

Large lap (1st & maybe 2nd lap) – 17Nm (Approx)

Start at Rona Wharf, Start/finish lap, Petone, Horokiwi, Ngauranga, No1 Leading Light, Start/Finish.

Small lap (subsequent laps) – 9Nm (Approx)

Start, Petone, Horokiwi, Ward Is, Finish.

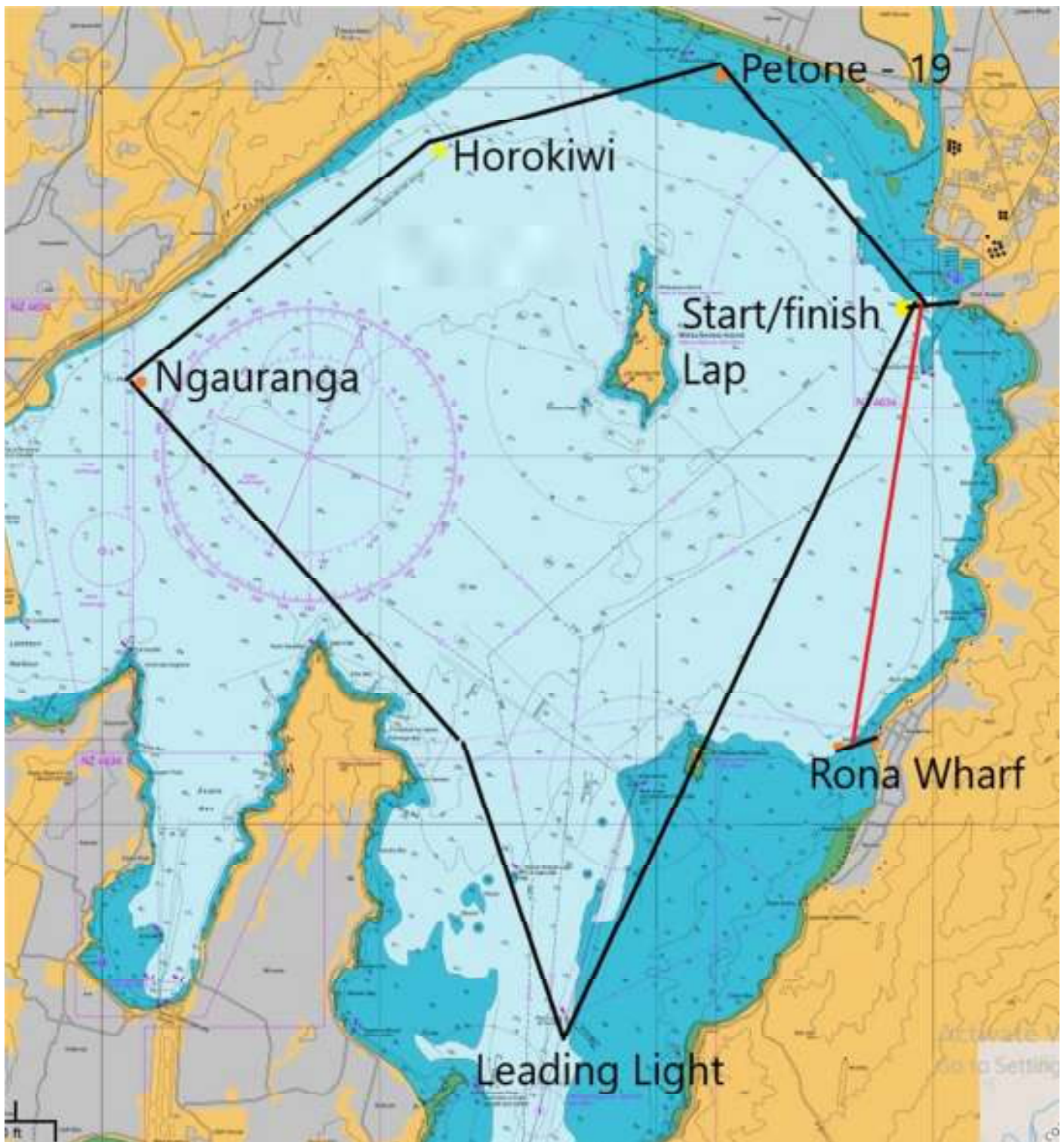
Northerly wind – Anti-clockwise course (as above) – All marks to Port

Southerly wind – Clockwise course. – All marks to Starboard.

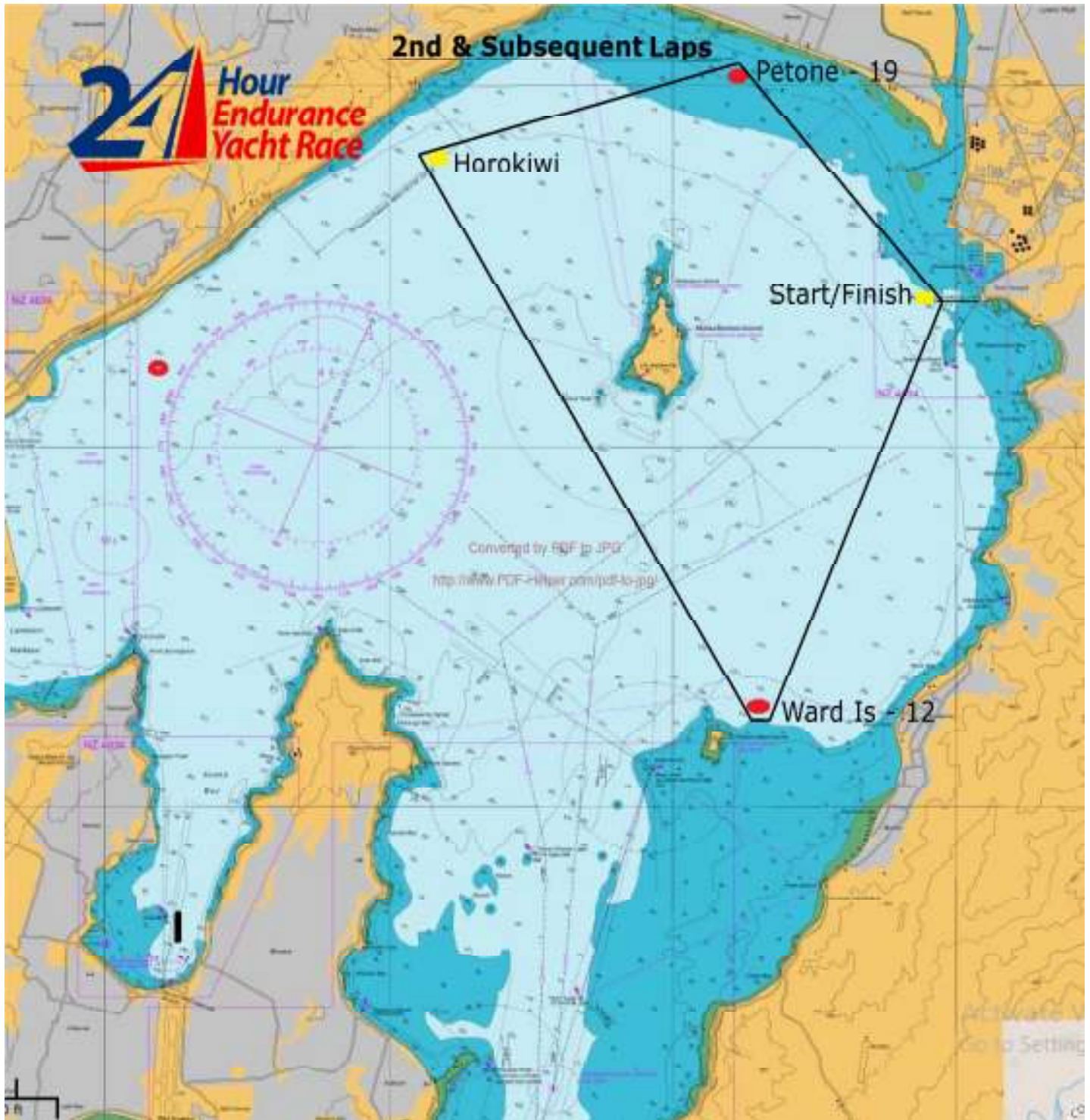
Course direction will not change after the start of the race.

Large Lap

Red course is part of the 1st lap



Small Lap



Appendix B

Lowry Bay Yacht Club Inc - 2020 - 24 Hour Race - Competitor Log (Completion of Lap Times)

Boat Name: _____

| End of | Time (nearest Min) | How Sent to RO | Weather during and this Lap and other Comments | Dusk & Dawn Communications & GPS Data | |
|-------------|--------------------|----------------|--|--|-------|
| Lap 1 | | | | Dusk Schedule: VHF / Text | |
| Lap 2 | | | | Time Call In: | |
| Lap 3 | | | | Weather: | |
| Lap 4 | | | | Other Info: | |
| Lap 5 | | | | | |
| Lap 6 | | | | | |
| Lap 7 | | | | Dawn Schedule: VHF / Text | |
| Lap 8 | | | | Time Call In: | |
| Lap 9 | | | | Weather: | |
| Lap 10 | | | | Other Info: | |
| Lap 11 | | | | | |
| Lap 12 | | | | | |
| Lap 13 | | | | Finish 1 Position & Time: | |
| Lap 14 | | | | S. 41 °1 | _____ |
| Lap 15 | | | | E. 174 °5 | _____ |
| Lap 16 | | | | Finish 2 - Only required in Race is Paused | |
| Lap 17 | | | | S. 41 °1 | _____ |
| Lap 18 | | | | E. 174 °5 | _____ |