



SAILING INSTRUCTIONS

MARCH 19-25, 2021

www.NHYCcaborace.com

NEWPORT BEACH TO CABO SAN LUCAS INTERNATIONAL YACHT RACE

1. RULES

- 1.1. This race will be governed by The Racing Rules of Sailing (RRS); Newport Harbor Yacht Club ("NHYC") is the Organizing Authority (OA);
- 1.2. US Safety Equipment Requirements, (US-SERs) Ocean - Version 2021.0, will be in effect for all competitors, as modified by the Notice of Race and these Sailing Instructions.
- 1.3. The Offshore Racing Rule (ORR); except as any of these are amended by the Notice of Race or these Sailing Instructions;
- 1.4. All boats are required to carry a supplied Race Tracker. The trackers will report a boat's position hourly and will be displayed on the YB Tracking website without delay. It will be the responsibility of the skipper (see NOR 1.4) of the boat to ensure that the transponder remains properly installed, and must make every effort to ensure it is functional for the entire race. The skipper will be responsible for returning the tracker to a member of the Race Committee as soon as possible upon finishing.
 - 1.4.1. Each boat's YB Tracker shall be installed according to the YB Mounting Guide and located on or near the stern pulpit of the boat. See YB mounting guide attachment.
- 1.5. No claim is made or implied that observance of these safety requirements will prevent injury, death, or loss of property. Neither the establishment of these rules and safety regulations, their use by race organizers, nor the inspection or absence of inspection of a boat for compliance with these safety regulations in any way limits or reduces the complete and unlimited responsibility of the person in charge, per RRS 46, who shall ensure that the boat is seaworthy and manned and operated by an experienced crew with sufficient ability and experience to face bad weather and to comply with the rules in force. S/he shall be satisfied as to the soundness of hull, spars, rigging, sails and all gear. S/he shall ensure that all safety equipment is at all times properly maintained and safely stowed and that the crew knows where it is kept and how it is to be used. See USSER 1.2.
- 1.8. The notation **[NP]** in a rule in the SI means it shall not be grounds for protest by a boat. This changes RRS 60.1(a). The notation **[DP]** in a rule in the SI means that the penalty for a breach of that rule may, at the discretion of the protest committee, be less than disqualification. This modifies RRS 64.1.



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2. ALTERATIONS OF RACING RULES

- 2.1. The Organizing Authority encourages all competitors to wear life jackets and safety harnesses connected to the boat while on deck between sundown and sunrise.
- 2.2. **RRS 17** is changed between sunset and sunrise while racing, to 'When two boats are on the same tack and within three of the larger boat's hull length of each other, the overtaking boat shall keep clear and neither boat shall alter course toward the other.
- 2.3. **RRS 42.3(i)** is modified to allow propulsion in the event a boat, during darkness, becomes trapped in kelp or fishing nets, provided, however, any use of propulsion is limited to escaping any such entrapment and no advantage or gain is realized during the extrication process.
- 2.4. **RRS 47** is modified to add the following: "However, materials used for the banding of sails must be of bio-degradable nature (i.e., wool, cotton, etc.) and may be discarded. Food/liquids intended for human consumption, and human waste may be discharged provided boats are more than 12 nautical miles from nearest land."
- 2.5. **RRS 51** (Movable Ballast) and **RRS 52** (Manual Power) are modified as follows:
 - 2.5.1. **RRS 51** (Movable Ballast) The movement of sails not in use while racing is allowed. However, all sails not being flown must remain within a boat's lifelines.
 - 2.5.2. If a boat systematically makes, moves or uses fluids or stores in such a way as to either increase stability as they tack or gybe; or adjust hull trim in different conditions, that will be considered movable ballast under **RRS 51** and must be declared and rated on the ORR Certificate. A boat who fails to declare movable ballast to increase stability or adjust hull trim shall be protested and may be penalized.
 - 2.5.3. **RRS 52** (Manual Power) The positioning of hull appendages, specifically adjustable keels, or shifting of water ballast by gravity, hydraulic or electric power is allowed only on boats so designed, declared and rated by the Rating Authority. All powered systems shall be capable of manual operation if powered systems are inoperable.
- 2.6. **RRS 55.2** Spinnaker Poles; Whisker Poles and **RRS 55.3** Use of Outriggers is modified to allow the use of fixed and retractable spinnaker poles and bowsprits for the purpose of setting asymmetrical spinnakers.
- 2.7. **RRS 62 Redress**: RRS 62.1 is modified by adding the following: (e) "being directed by a Government Authority to deviate from her proper course."
- 2.8. **US Sailing Prescription** to **RRS 63.2** will not apply.
- 2.9. **RRS 64.2** Penalties and Exoneration is changed to 'When the protest committee decides that a boat that is a party to a protest hearing has broken a rule and is not exonerated, it may assign a penalty other than disqualification. This penalty may be a time penalty added to the boat's corrected time.'



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- 2.10. There is no limitation on crew weight. This modifies **ORR Rule 4.02**.
- 2.11. There is no limitation on the number of Spinnakers and Staysails carried. This modifies **ORR Rule 10.02.1**.
- 2.12. **[NP]** Breaches of **IRPCAS Rule 10**, Traffic Separation Schemes (TSS), will not be grounds for a protest by a yacht. This changes RRS 60.1(a). However, a yacht that is reported by a government authority for a breach of IRPCAS Rule 10, may be protested by the Race Committee. This changes **RRS 60.2**.
- 2.13. **RRS 41** Outside Help is amended to permit the following:
 - 2.13.1. Competitors may only utilize weather/ocean information that is routinely available throughout the year to the general public, freely or by subscription, and whose availability is publicly indexed, and is not subject to interpretation by persons not on the boat, or manipulated with respect to a specific boat's performance or position.
 - 2.13.2. Competitors may receive imagery from satellites (e.g. NOAA, APT satellites).
 - 2.13.3. Prior to a boat's preparatory signal, there is no limitation on private services or any other source of data or consulting, except that a competitor that has started may not provide/receive weather information to/from another competitor that has started, or to a competitor that has not yet started except through the information provided to or from the Race Committee.
 - 2.13.4. Competitors may retrieve boat position data which is intended for competitor/public viewing and is available as a link from the YB Tracking event dashboard:.
- 2.14. Modification of SER 3.8.3 and NOR Section 6.1.4 is changed as follows:
SER 3.8.3 is modified to ADD the following sentence "A boat shall have a satellite phone with waterproof protection which may be either fixed to the boat or a handheld, but it must be continuously powered on to transmit or receive calls while racing."
- 3. ADVERTISING**
 - 3.1. Advertising for boats in this race is unrestricted in accordance with ISAF Reg. 20.
- 4. INSPECTIONS**
 - 4.1. All boats may be subject to inspection prior to and after the race. Resolution of any problems regarding required safety equipment, minimum accommodations, eligibility of crew members etc., will be made by the Organizing Authority. Resolution of any discrepancy between a boat's configuration and its submitted rating certificate will be processed in accordance with **Part 5 of the RRS**.



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5. START TIMES AND CLASS ASSIGNMENTS

- 5.1. Class assignments are listed in Attachment 1.
- 5.2. Start Times (UTC-7) PDT

Division	Date	Start
CLASS D	Friday, March 19	1300
CLASS C	Saturday, March 20	1300
CLASS B	Saturday, March 20	1300
CLASS A	Saturday, March 20	1300

6. NOTICES TO COMPETITORS

- 6.1. Prior to starting, notices to competitors will be posted on the Official Notice Board located on the event website (www.nhyccaborace.com), and when possible on the Regatta Notice Board at NHYC.
- 6.2. Finish times, notice to competitors, protest pending information and results will be posted on the Official Notice Board located on the event website (www.nhyccaborace.com).

7. SAILING INSTRUCTIONS, TRANSPONDER PICKUP AND BRIEFING

- 7.1. Any questions regarding the Sailing Instructions including interpretations of published rules and amendments must be made in writing and submitted before 1700 on Wednesday, March 17, 2021; if by email to nhyccrc@gmail.com.
- 7.2. Any change to the Sailing Instructions will be posted on the Official Notice Board and event website prior to 1000 on the day it will take effect.
- 7.3. In accordance with RRS 90.2(a), if a change to the Sailing Instructions is required after boats have started, the change will be announced via email and will be available no later than the first available Daily Communication Watch Period (0900-1000 PDT).
- 7.4. Each boat is required to have a representative pick up a Yellow Brick transponder from the Race Committee Office at NHYC on Wednesday March 17, 2021 from 0900-1730. A race briefing will occur that day at 1800 from the NHYC Race Office.

8. SIGNALS MADE ASHORE

- 8.1. Signals made ashore will be displayed from the main flagpole near the NHYC front dock. Code flag L followed by a numeral pennant indicates the latest numbered Official Notice that has been posted.
- 8.2. All Signals made ashore, notice to competitors, or any amendments to the race documents will be posted on the event website and an email notification will be sent to registered emails.



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9. THE START

- 9.1. Boats are required to activate their AIS units to transmit in compliance with USSER 3.9, from the time they leave the dock until 2 HOURS after crossing the starting line. [NP/DP]
- 9.2. Boats shall check in on VHF Channel 63 and be acknowledged by the Race Committee at the starting line prior to the Warning Signal for its start. Boats shall announce her boat name, sail number and number of crew aboard.
- 9.3. The starting area will be located in proximity of the Newport Beach Pier.
- 9.4. The starting line will be between a yellow inflatable mark on the port end and a staff with an orange flag aboard the Race Committee Signal Boat at the starboard end.
- 9.5. For the purpose of Starting - RRS 26, a white ORR labeled class flag will be used.
- 9.6. The Start Signal Time will be as stated in Section 5.
- 9.7. Individual Recalls will be signaled in accordance with RRS 29.1. The Race Committee will attempt to broadcast the sail number of OCS boats on VHF Radio Channel 71.

10. COURSE

- 10.1. Boats shall start in accordance with Section 9 above and finish in accordance with Section 11 below.
- 10.2. The rhumb line distance is approximately 790 nautical miles.
- 10.3. For purposes of RRS 17, commencing at a boat's starting signal, and after starting, for one (1) hour thereafter, its proper course shall be 145 degrees magnetic.

11. THE FINISH

- 11.1. A boat has finished when it crosses a line between the Port Finish Waypoint (PFW) and the Starboard Finish Waypoint (SFW) and leaving PFW to port and SFW to starboard. Exercise care near the shoreline at night or in reduced visibility.
 - 11.1.1. **Port Finish Waypoint (PFW):** is located at 22deg, 52.000 N and 109deg 58.302 W
 - 11.1.2. **Starboard Finish Waypoint (SFW):** is located at 22deg 51.294 N and 109deg 59.067 W
- 11.2. Boats are required to activate their AIS units to transmit in compliance with USSER 3.9, from approximately 25 nm from the finish line until they are at the dock. Boats are also advised to continue to monitor their Sat Phones until docked. The Race Committee may attempt to contact boats that have finished via VHF 71 or Sat Phone to verify finish times or if there is a pending protest. [NP/DP]



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11.3. A boat's Yellow Brick Tracker will transmit hourly position reports with no delay. The YB Tracker will transmit a LAT/LON position and Finish time when it crosses the finish line described in Section 11.1 above. This data will be used to determine a boat's finish time. [NP/DP]

11.4. **IMPORTANT NOTE:**

11.4.1. All distances are approximate. All bearings are magnetic and approximate.

11.4.2. GPS coordinates listed in these Sailing instructions are in WGS 084 format, noted in deg, min, decimal min.

11.4.3. Exercise all due caution when approaching the shore, the finish line area or when plotting data based on any published chart of Mexican Waters.

12. DOCUMENTATION

12.1. In addition to the data provided by the YB Tracker, all boats are required to document the moment they cross the finish line with a legible photo or screen shot of navigation equipment showing finish time generated from GPS in Pacific Daylight Time (UTC-7), and finish LAT/LON of their vessel as proof of time/location of their estimation of finish.

12.2. All Boats are required to submit their finish times and LAT/LON photos as soon as possible, but not later than 2 hours after docking. Submissions may be sent by text or email via SI 19.4, or printed or presented on digital USB drive in person to the Race Committee.

12.3. In the event of a significant discrepancy between a boat's reported finish time compared with that reported by the YB Tracker, competitors can file a score inquiry. It will be up to the discretion of the Race Committee to determine the finish time to be used. Evidence of a boat's track may be requested which may include but is not limited to; a boat's navigation software log file, testimony or evidence from other boats, race tracker or AIS logs, etc.

13. TIME LIMIT

13.1. There is no time limit for finishing. All boats completing the course and submitting their finish times in accordance with the sailing instructions will be scored.

13.2. Any boat finishing after 1600, Thursday, March 25, 2021 will be responsible for contacting Customs and Harbor Master directly. Reference SI 19.6. Hospitality services at the dock will end at 1600, Thursday, March 25, 2020 in preparation for the Trophy Presentation.

13.3. The OA will be available only by email after 0800 Monday, March 22, 2020.



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14. DAILY POSITION REPORTING (NP/DP), CHECK-IN EMAIL PRIOR TO START

- 14.1. Prior to a boat's Start, between 0900 and 1730 on Wednesday, March 17, each boat is required to **Check-in via email** using the system on the boat that will be used during the race. The email must be sent to **BOTH** jess.gerry@nhycstaff.org and to nhycrc@gmail.com. You should receive a non-automated acknowledgment from the Race Committee confirming receipt of your email. Boats not checked in will be identified as soon as possible and will be required to complete this safety check before ranking as a starter.
- 14.2. During the race, each boat is required to send an **0800 PDT Position via email**, daily, prior to 0900 PDT, formatted per 14.7. The email address is to **BOTH** jess.gerry@nhycstaff.org and to nhycrc@gmail.com. If you request an acknowledgement from the RC, we will send one as soon as we address your email. Otherwise, assume the RC has received your email. The RC will contact you per SI 14.4 if there is a problem.
- 14.3. During the race, any boat unable to send an 0800 PDT Position via email per 14.2, should contact Cabo Race Committee per an alternate option listed in SI 19.4 prior to 0900 to report their 0800 position.
- 14.4. During the race, between 0900 and 1000, the Race Committee will contact any boat for which it has not received an 0800-position report via email, phone/text message or relay, or that may be missing YB Tracker data.
- 14.5. Boats whose trackers fail to report their position due to malfunction or damage or when notified by the Race Committee of failure of their YB signal, will be required to document hourly position reports. Thereafter, a report to the Race Committee with the boat's estimated positions at the previous four hourly-intervals are to be sent by email beginning at the first opportunity on the following PDT schedule: 0400, 0800, 1200, 1600, 2000, and 2400. The email is to be addressed to **BOTH** jess.gerry@nhycstaff.org and to nhycrc@gmail.com. These reports are due until the boat has either finished the race, has withdrawn from racing and are in-port, or the error is resolved and YB is transmitting the boat's position. These reports may be added to the YB Tracking site and will be available for the other competitors to see on the YB download. [NP/DP]
- 14.6. Boats with missing position report data or failing to respond to RC communications for an extended period of time (more than 24 hours) may be subject to Section 15.1 below.



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- 14.7. Each position report message should be sent using plain text to minimize message size, formatted as follows:

Subject line or Header:

<"0800 PDT Position">, <Boat Name>, <Sail Number>, <Date>:

Ex) 0800 PDT Position, Trulyremarkable, 12345, MAR 22

Body: (place items 1, 2 and 3 on separate lines)

1. xx xx, xxx xx (location in degrees <space> minutes, comma separate LAT, LON)

Ex) 22 29, 110 15

2. wind xxx @ xx, sea x'-xx', % cloud cover, bar
(approximate wind direction (magnetic) and velocity (knots), sea state, cloud cover and barometric pressure (millibars) to be used for RC and media commentary),

Ex) wind 280 @ 14 kts, sea 3'-4', 10% cloud cover, bar rising @ 1002 mb

3. Optional brief comments, or more detailed commentary if desired

15. PENALTIES

- 15.1. Any boat that willfully reports a false position, impedes the transmission of the YB Tracker or its position reports, or remains unreported or unresponsive for an extended period of time will be considered in violation of RRS 2 – Fair Sailing and the Race Committee will file a protest with the Protest Committee.
- 15.2. Boats subject to 15.1 may receive a penalty of up to 15 minutes of time added to the boat's corrected finish time for each infraction.

16. PROTESTS

- 16.1. A boat intending to protest shall fly her protest flag for at least one hour after the incident. Boats intending to protest shall inform the Race Committee per SI 19.4 of the boat being protested and receive confirmation from the Race Committee as soon as practical, but no later than 1 hour after docking. This modifies RRS 61.1
- 16.2. Protests may be submitted via online form (log into Yacht Scoring / Owners Corner) or in writing to the Race Committee via text or email of photo of completed protest form, within 2 hours of docking. All protests must include phone and/or email contacts available while in Mexico, for the person in charge of the protesting boat and the person submitting the protests form, if different.
- 16.3. Notices of protest hearings will be posted on the Yacht Scoring event dashboard to inform competitors of hearings in which they are parties or named as witnesses. Hearing locations and times will also be posted here. An attempt to notify competitors by phone and email noted on the protest forms, or per SI 19.2 will be made. See SI 16.5.



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- 16.4. Any boat being protested by the Race Committee will be notified of the protest and the alleged infraction by phone and/or email within 24 hours after the time the boat finishes the race. This changes RRS 61.1.
- 16.5. Regardless of whether or not contact is made, it is the responsibility of each boat to check the event website and be properly prepared to attend a protest hearing in a timely manner.

17. SCORING

- 17.1. Trophies will be awarded based on the boats elapsed and/or corrected time using ratings supplied by the Rating Authorities. Corrected Time will equal Elapsed time x Time Correction Factor based on the Cabo Race Wind Matrix, inclusive of any penalties prescribed.

18. TROPHIES

- 18.1. Trophies will be awarded at the Trophy Presentation to be held at the Cabo Cantina located near the top of the main fuel dock's ramp on Thursday, March 25, 2021 at 1700.
- 18.2. Trophies for Overall and Class accomplishments will be presented.

19. SAFETY

- 19.1. All boats are requested to monitor VHF 16 and 71 at all times, especially in vicinity of or prior to the finish and on approach to the Cabo San Lucas harbor.
- 19.2. Attempts to contact competitors before, during or after the race, by the Race Committee for reasons described throughout these Sailing Instructions will be, in order of precedence: registered boat email, registered boat Sat Phone, Person in Charge contact information provided at registration, any other means available/forwarded.
- 19.3. A communication watch will be required of all boats at two specific times: daily from 0900-1000 PDT and from 1800-1900 PDT, as well as from 25 miles out until the finish. During those times, boats are required to maintain a communication watch on VHF 16, check emails and monitor Sat Phones. Additionally, priority emails from the Race Committee or OA may be sent prior to the communication watch period, with the expectation of a timely response from a boat within these communication windows.
- 19.4. A boat which retires from the race, has an emergency or serious injury, or per 12.3 or 16.1, is attempting to reach the Race Committee, shall notify the Race Committee or the Organizing Authority as soon as practical, in order of preference, as follows:
 - 19.4.1. Contact the Cabo Race Committee via email (jess.gerry@nhycstaff.org and to nhycrc@gmail.com)
 - 19.4.2. Contact Cabo PRO via cell phone at 01-949-500-1110
 - 19.4.3. Contact Cabo PRO in the Marina via VHF radio Channel 71
 - 19.4.4. Contact Newport Harbor YC Race Office via telephone at 01-949-673-7730 or 01-949-723-6870.

- 19.5. Boats retired from racing, but still at sea are requested to comply with daily position reports per 14.2.

Yellow Brick Tracker Attachment Guide



YB Tracker - Mounting Guide

The YB Tracker is an Iridium satellite based locator beacon, and as such requires to be able to see the sky - both for acquiring a GPS fix and transmitting positions.

!!! PLEASE INSTALL YOUR TRACKER IMMEDIATELY !!!
Your tracker has already been turned on

DOs and DO NOTs

- ✓ DO ensure that the YB Tracker is mounted with the antenna pointing towards the sky
- ✓ DO ensure that the YB Tracker has a good view of the sky
- ✗ DO NOT place the YB Tracker where it may be grabbed and broken in heavy seas
- ✗ DO NOT place the YB Tracker under metal covers or inside a vessel
- ✗ DO NOT place the YB Tracker within 12 inches of another GPS antenna

How to Mount

1. Wrap the velcro straps around a horizontal rail and a vertical rail
2. Put a cable tie around the rail, through an eyelet on the pouch, and secure

Examples of Good Mounting Positions



For more information please visit www.ybtracking.com



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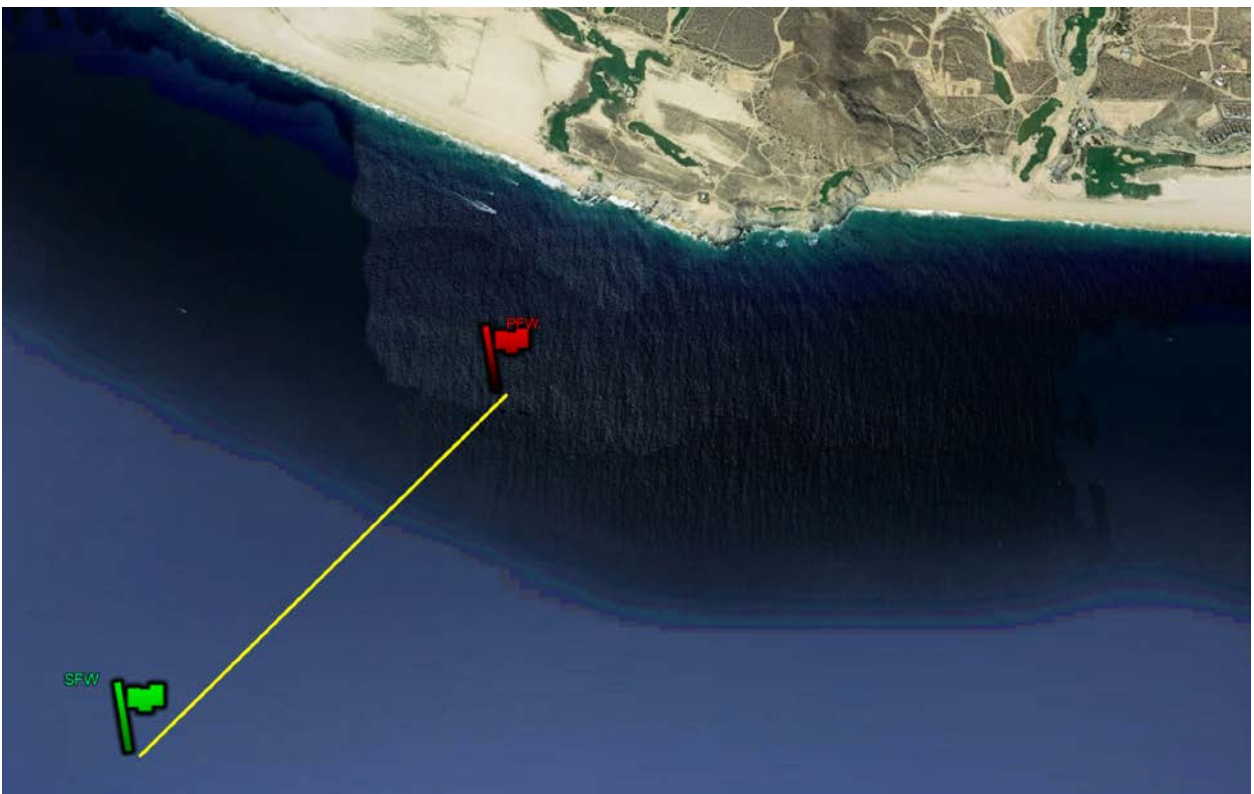
Finish Line near Cabo Falso

[Imagery for visual proximity purposes only – not for navigational uses]

Finish Line shown in proximity to the Cabo San Lucas Marina and Los Arcos



Finish Line with SFW and PFW shown in proximity to Cabo Falso





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Class Breaks

3/19 Friday	Start Time 1300	ORR Class
	Ho'okolohe	ORR D
	Favonius	ORR D
	Such Fast	ORR D
3/20 Saturday	Start Time 1300	ORR Class
	Rio 100	ORR A
	Pyewacket 70	ORR A
	Compadres	ORR A
	Peligroso	ORR A
	Artemis	ORR A
	Warrior Won	ORR B
	Callisto	ORR B
	Sapphire Knight	ORR B
	Fast Exit II	ORR B
	Patches	ORR B
	Bolt	ORR B
	Grand Illusion	ORR B
	Bretwalda3	ORR C
	Zero Gravity	ORR C
	Katara	ORR C
	Cazan	ORR C
	Nereid	ORR C
	Horizon	ORR C