



# **Notice to Competitors 7**

## **Communications Information**

### **June 25, 2018**

#### **INTRODUCTION**

This bulletin provides communications information for all boats, and is not part of the Sailing Instructions.

Contents include:

1. Emergency Communications
2. Time Zones
3. Daily Roll Call
4. Finish Communications
5. Communications Equipment and Operations
6. Weather Information
7. Other Communications & Weather Services
8. Fleet Position Information
9. Diagram of NE Pacific Search and Rescue Areas
10. Communications Directory (see Sailing Instruction Appendix 1)

#### **1. EMERGENCY COMMUNICATIONS**

The Canadian or US Coast Guards should be contacted for developing situations or emergencies at sea. For more information, refer to:

- Sailing Instruction 9 – Emergency Communications
- Sailing Instruction Appendix 1 - Communications Directory
- Diagram of NE Pacific Search and Rescue Sectors, in section 9 below

#### **2. TIME ZONES**

- Unless otherwise noted, times herein are in Hawaiian Standard Time (HST)
- Hawaii does not use Daylight Saving Time
- HST is equivalent to UTC minus 10 hours, and to PDT minus 3 hours
- UTC is equivalent to GMT, Zulu (Z)



### **3. ROLL CALL & LISTENING WATCH**

All boats must participate in the daily Roll Call and Listening Watch. Refer to Sailing Instruction 8 – Roll Call & Listening Watch for instructions.

### **4. FINISH COMMUNICATIONS**

Refer to Sailing Instruction 7 – Finish, for information on communicating with the Race Committee during the final miles of racing.

### **5. COMMUNICATIONS EQUIPMENT AND OPERATIONS**

5.1 It is recommended that before the race, each boat ensures that:

- communications equipment (including radio, tuner, cabling, connectors, power supply, ground, primary and emergency antenna, RFI suppression) are of high quality, are working properly and that the instruction manuals are onboard;
- at least two crew members have completed appropriate radio operator training and are familiar with using the boat's particular communications equipment;
- she participates in pre-race communication equipment tests to identify onboard sources of radio interference; the latter will best be determined by trial and may include the engine, alternator, regulator, sailing instruments, navigation equipment, inverter, generator, water heater, water maker and other electrical or electronic equipment; and
- a daily communications plan, including Roll Calls and weather updates, is prepared and posted in the navigation station and that times in this plan are expressed relative to UTC and HST in order to minimize confusion.

5.2 It is recommended that during the race, each boat ensures:

- that a full charge of the batteries is completed before each Roll Call; and
- that for the duration of each Roll Call, any non-essential equipment that causes significant radio interference to the communications equipment is turned off.



## 6. WEATHER INFORMATION

- 6.1 Competitors are advised to research and verify their own weather information sources, well before starting.
- 6.2 Marine text forecasts: Environment Canada and NOAA NWS provide marine forecasts in text form that are suitable for low bandwidth connections. A listing of the NOAA forecasts and products is available at <http://www.nws.noaa.gov/om/marine/forecast.htm>.
- 6.3 Voice and Radiofax Weather Forecast Broadcasts: Two US Coast Guard radio broadcast stations are of particular interest– NMC (Pt. Reyes CA) and NMO (Honolulu HI).

Voice Broadcast Schedule: NMC, NMO See: <a href="http://www.nws.noaa.gov/om/marine/hfvoice.htm">http://www.nws.noaa.gov/om/marine/hfvoice.htm</a>
Radiofax Broadcast Schedule: NMC See: <a href="http://www.nws.noaa.gov/om/marine/hfrees links.htm">http://www.nws.noaa.gov/om/marine/hfrees links.htm</a>
Radiofax Broadcast Schedule: KVM70 (NMO) See: <a href="http://www.nws.noaa.gov/om/marine/hfhi links.htm">http://www.nws.noaa.gov/om/marine/hfhi links.htm</a>

## 7. OTHER COMMUNICATIONS & WEATHER SERVICES

- 7.1 A non-profit organization known as the "SailMail Association" ([www.sailmail.com](http://www.sailmail.com)) offers low bandwidth email service. A similar email service "Winlink" is available for licensed amateur radio operators. A service known as SailDocs offers text-based internet document retrieval and subscription services.
- 7.2 NoR 16.5 and Sailing Instruction 15.1 prohibit the transmission or receipt while racing of any communication for the direct or indirect benefit of an individual boat. This includes fee-for-service weather information and all routing information or advice.

## 8. FLEET POSITION INFORMATION

8.1 Competitors may access fleet position information in compliance with SI 15.3.

8.2 YB Tracking position reports suitable for low bandwidth communications links are available at:

HTML Leaderboard	<a href="http://yb.tl/Leaderboard/vicmaui2018">http://yb.tl/Leaderboard/vicmaui2018</a>
Simple	<a href="http://yb.tl/Simple/vicmaui2018">http://yb.tl/Simple/vicmaui2018</a>
Expedition	<a href="http://yb.tl/vicmaui2018-expedition.txt">http://yb.tl/vicmaui2018-expedition.txt</a> <a href="http://yb.tl/vicmaui2018-boatids.txt">http://yb.tl/vicmaui2018-boatids.txt</a> Recent versions of Expedition have a YB Tracking option which requires this code: vicmaui2018
Maxsea	<a href="http://yb.tl/vicmaui2018-maxsea.txt">http://yb.tl/vicmaui2018-maxsea.txt</a> <a href="http://yb.tl/vicmaui2018-timezero.txt">http://yb.tl/vicmaui2018-timezero.txt</a> <a href="http://yb.tl/vicmaui2018-identifiant.txt">http://yb.tl/vicmaui2018-identifiant.txt</a>
Adrena	<a href="http://yb.tl/vicmaui2018-adrenacompetitors.dcc">http://yb.tl/vicmaui2018-adrenacompetitors.dcc</a> <a href="http://yb.tl/vicmaui2018-adrena.txt">http://yb.tl/vicmaui2018-adrena.txt</a>
Google Earth (KML)	<a href="http://yb.tl/vicmaui2018.kml">http://yb.tl/vicmaui2018.kml</a>
Text Leaderboard (all classes)	<a href="http://yb.tl/1/vicmaui2018">http://yb.tl/1/vicmaui2018</a>

### YB3 Rental Tracker Basic Instruction Guide

Updated 11 June 2016



**The YB Rental Tracker is a self-contained battery powered GPS Tracking device.**

It uses satellites to get GPS fixes and transmit its positions back to base. Therefore, it needs to have a good view of the sky to operate properly.



**To turn the tracker ON:**

To Turn the tracker on, press the LEFT ◀ and RIGHT ▶ keys together on the keypad ①. The screen will light up and you will be prompted to 'press UP to start' ▲.

**Make sure the unit is outside when it is turned on:**

The tracker will attempt to transmit as soon as it has been turned on, and will then revert to transmitting at its normal frequency. Whenever the tracker is trying to transmit, a green light will flash on the keypad.

**Sending a 'one-off' position report (manual position report):**

To send a one-off position report, press and hold the UP ▲ key for 5 seconds. The screen will wake up and a countdown will be displayed to confirm that the position is being sent.

**To send an alert message:**

Lift the flap at the bottom of the tracker, and hold down the red alert button for 5 seconds ②. The screen will say 'Sending Alert...' - ensure that the unit has the best view of the sky possible and leave until the green LED stops flashing. You can repeat this process.

**To charge:**

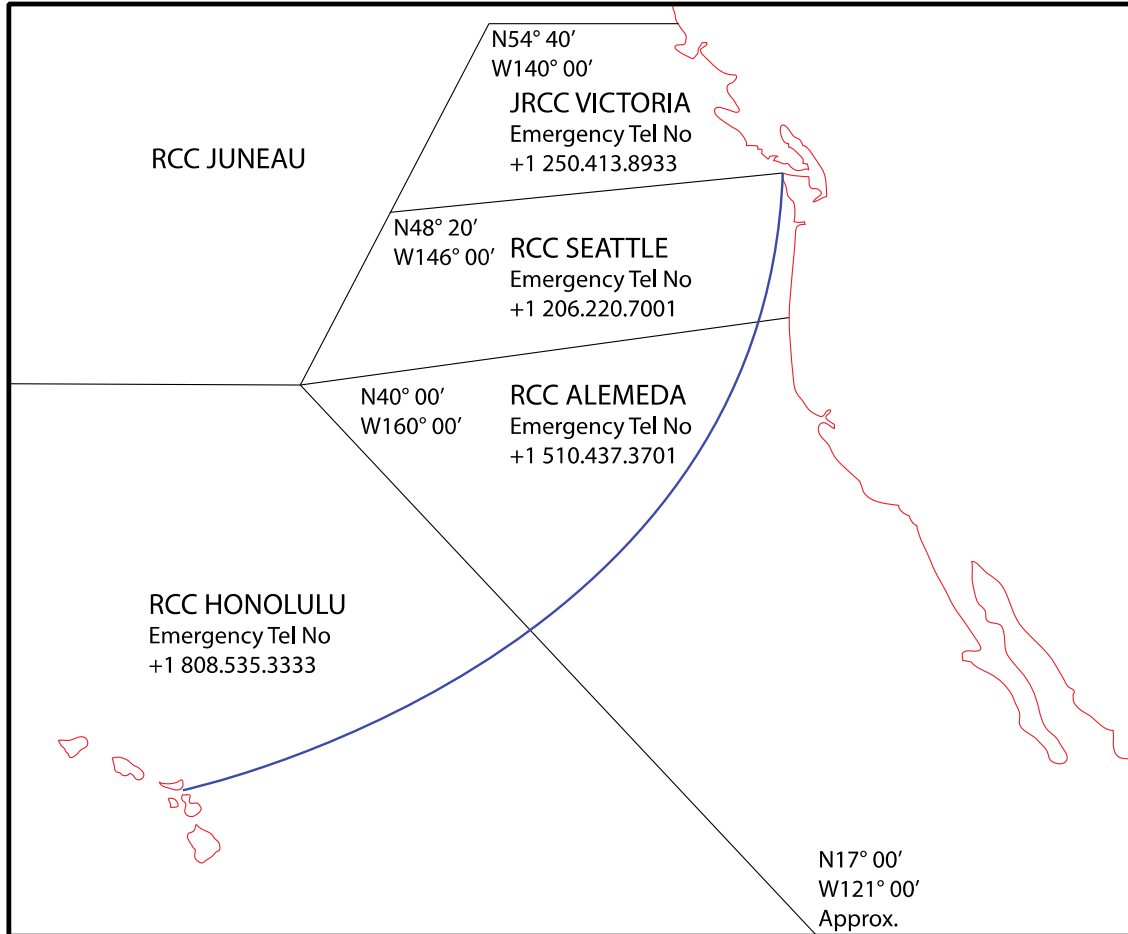
If you need to charge the tracker, simply unscrew the cap covering the USB port on the bottom of the unit ③ and plug into the USB charger. A red LED will turn on when the unit is charging. After charging, check that the USB cap is done back up again very tightly to ensure the unit remains fully waterproof.

**To turn the tracker OFF:**

To turn the tracker off, simply press the OK key to enter the main menu, scroll all the way down to 'Deactivation' and press OK, and OK again to confirm.



**9. DIAGRAM OF NE PACIFIC SEARCH AND RESCUE SECTORS**



**DIAGRAM OF NORTH-EAST PACIFIC SEARCH AND RESCUE SECTORS**  
DERIVED FROM US NATIONAL SEARCH AND RESCUE MANUAL JOINT PUB 3-50, VOLUME 1



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