



## BASIC OPERATIONS USING KEYBOARD CONTROLS

11 Sept 2018 (v.1.2.2)

*(Many thanks to Latent for providing this guide. All controls given are the defaults and may vary between versions or if you have modified your own keyboard controls).*

Pull/bring in - press L

Let out - press O

### **TACKING**

Make sure mainsail is up and jib is out.

Both crew at aft winches:

Select aft port winch, put 2 winds around the winch, press 2 then 3.

\*if the red, port jib sheet line is not active, press 1 then 2, to grab that line.

Select aft starboard winch, put 2 winds around the winch, press 2 then 3.

Tack into the wind to starboard until the wind is 35 to 40 degrees off the port bow.

Pull on the starboard sheet as you tack.

Adjust the jib as necessary.

Use the same basic procedure when tacking to the port.

### **GYBING (JIBING)**

Bring boom to the middle of the boat before gybing then let out after the gybe.

Select port winch, press 2 then 1, to add the winch handle.

\*if the red, port jib sheet line is not active, press 1 then 2, to grab that line.

Bring in the boom, gybe, let out boom.

### **REEFING**

Make sure mainsail is up and jib is out.

Sail with the wind about 10 to 20 degrees off your bow, use autopilot if necessary.

## **REEFING THE JIB**

Select aft starboard winch, put 2 winds around the winch, press 2 then 3.

Close furling jammer at aft port winch, press 4 then 1.

Select jib furling line at aft port winch, press 1 then 1.

Bring the the jib, 2/3rds of the whole sail area is common, less sail area for stronger winds.

Put the starboard jib sheet line into self-tailing, press 2 then 2.

## **REEFING THE MAINSAIL**

Move both crew forward.

Open kicker jammer, starboard winch, press 4 then 1.

Open mainsheet jammer, port winch, press 4 then 2.

Ensure the topping lift is tight and jammed, starboard winch, press 1 then 2, to grab the line, press 2 then 1, to put on the handle, pull with L.

Select the mainsail halyard line, port winch, press 1 then 1, to grab the line, press 2 then 3, to put 2 winds around the winch.

Open the halyard jammer, port winch, press 4 then 1.

Reef 1 is 2/3rds mainsail area, reef 2 is 1/3 mainsail area.

Bring in mainsail halfway down for reef 1, 3/4's down for reef 2.

Pull (L) reefing line 1 or 2 until the line is obstructed.

Close halyard and mainsheet jammers, port winch press 4 then 1, press 4 then 2.

Close the kicker jammer, starboard winch, press 4 then 1.

Tighten the mainsheet, port winch, press 2 then 1, puts on the winch handle, bring in.

Tighten the kicking strap, starboard winch, press 2 then 1, puts on the winch handle, bring in.

\*if the green, kicking strap line, is not selected, starboard winch, press 1 then 1, to grab that line.

\*\*\*I know this is probably not textbook procedure. I tend to use the winch handle more than I should.

## **REEFING THE MAINSAIL (Summary)**

Open mainsheet jammer

Open kicker jammer

Ensure the topping lift is tight and jammed

Select the mainsail halyard line

Bring in mainsail halfway down for reef 1 (lower 3/4's down for reef 2)

Pull reefing line 1 or 2 until the line is obstructed

Close kicker jammer

Close halyard jammer

Close mainsheet jammer

Tighten the mainsheet

Tighten the kicking strap