



# INSTRUCTIONS FOR USE





# THE TACKINGMASTER SETUP

STEP **4**:  
SET WINDWARD MARK  
BEARING ON **MARK RING**

STEP **3**:  
SET WIND DIRECTION  
FOR **COMPASS RING**

STEP **2**:  
UNTIGHTEN  
**LOCK RING**

STEP **1**:  
RESET THE  
**WIND DIAL**

STEP **5**:  
TIGHTEN  
**LOCK RING**



# THE WIND DIAL FUNCTIONS

The **"Plus/Minus"** at each side of the start line is a reminder of which end is biased. This example displays the nominal starting line at 295° bearing towards port end. If the measured starting line has a bearing of e.g. 300°, it is in "Red Plus" sector, meaning Port end is biased.

The **main nominal wind** direction at which the Compass Ring is set at.

The **close haul boats** mark the 45° tackangle. The markers with one, two and three dots can be used as reference for tack angles at 50°, 40° and 35° respectively.

The **Wind Dial window** displays the resulting wind shift in degrees, but visually also leaves the window in more red or green depending of the direction of the wind shift.

The **"Jog" handle** can be used for turning the Wind Dial to follow along with the major wind shifts.

This is the **jibe point**, where the wind is from straight behind.

The **boats on the reach** mark the 135° true wind angle. The additional line markers have 10° between them for reference.





# WIND SHIFT SCENARIO



# 15° WIND SHIFT TO STARBOARD EXAMPLE

1 - At the beat on starboard, previously at 340°, the course changes to 355° as the wind lifts.

2 - This can be visualized temporarily without touching the original Compass Ring and Mark Ring setting, but instead turning the Wind Dial a few clicks clockwise until the starboard closehaul boat points are at 355°.

3 - This reveals a 15° shift in "green" in the Wind Dial window, leaving a reminder that a windshift to starboard is present.

4 - When looking at the downwind mark on the Mark Ring, it is now revealed that starboard is no longer the dominant reach, as it has shifted to be 5 degrees port dominant. The Jibe bearing is now expected at 220°.





# 15° WIND SHIFT TO PORT EXAMPLE

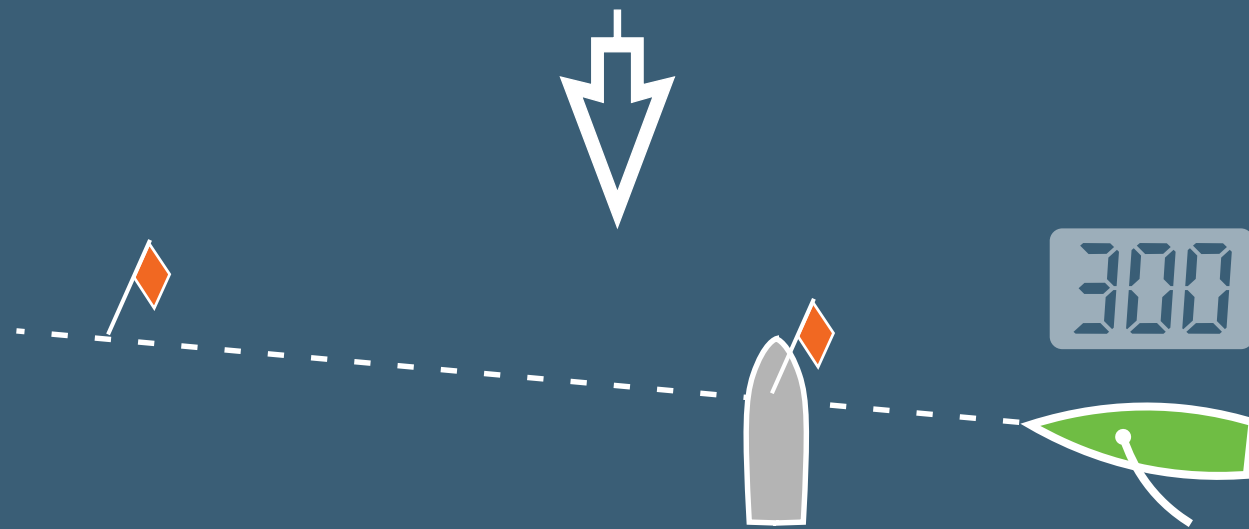
1 - At the the beat on starboard, previously at 340°, the course changes to 325° as the wind is heading.

2 - This can be visualized temporarily without touching the original Compass Ring and Mark Ring setting, but instead turning the Wind Dial a few clicks counter clockwise until the starboard closehaul boat points at 325°.

3 - This reveals a 15° shift in "red" in the Wind Dial window, leaving a reminder that a wind shift to port is present.

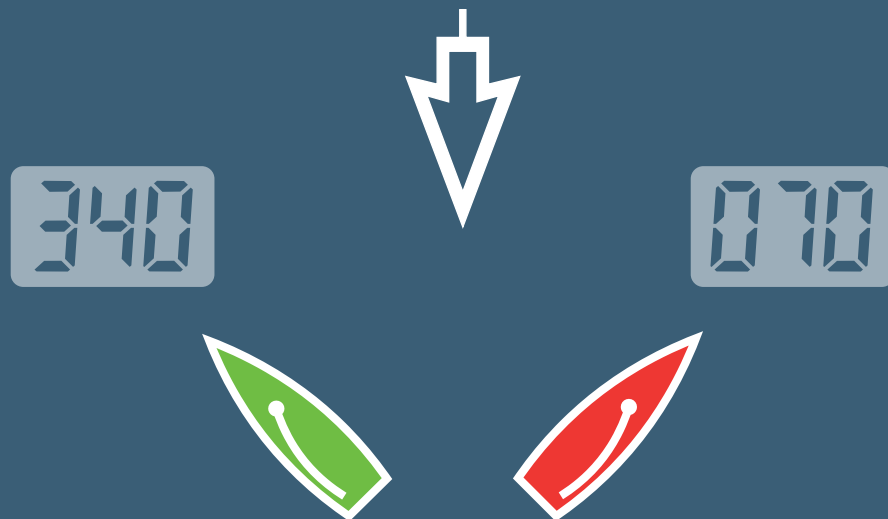
4 - When looking at the downwind mark on the Mark Ring, it is now revealed that port is no longer the dominant reach, as it has shifted to be 25 degrees starboard dominant. The Jibe bearing is now expected at 190°.





## GET THE BEARING OF THE STARTING LINE

— A BEARING OF **300** IS 5° BIASED AT PORT



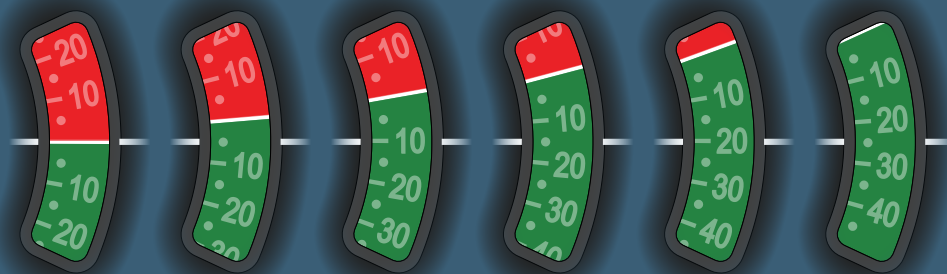
## GET THE NOMINAL UPWIND TACK ANGLE

— DISPLAYED HERE AT 45° TACK ANGLE

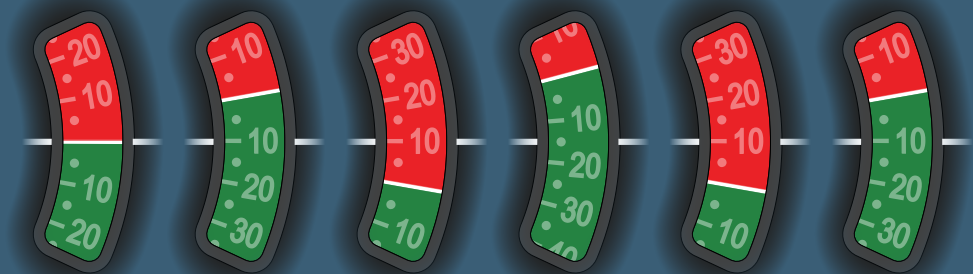




**GET THE UPWIND AND  
DOWNWIND BEARING**



PERSISTENT WINDSHIFT TO STARBOARD



OSCILLATING WIND SHIFTS

**GET A VISUAL OF THE WIND TREND** USING THE WIND SHIFT INDICATOR  
— COLOR CHANGE PROVIDE **VISUAL MEMORY** OF WIND TRENDS





[tackingmaster.com](http://tackingmaster.com)

MADE IN DENMARK - PATENT PENDING

