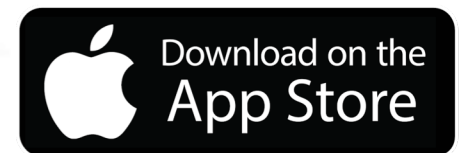# SSCBC
Race Management Tool
Buoy Zone

User Manual

V 2.0
28/02/2022

https://play.google.com/store/apps/details?id=dev.featurehub.buoy_zone&hl=en

https://www.google.com/url?q=https%3A%2F%2Fapps.apple.com%2Fau%2Fapp%2Fbuoy-zone%2Fid1467318416&sa=D&sntz=1&usg=AFQjCNESZRRFgbtlbDXQtnwwPnhGGrBaNg
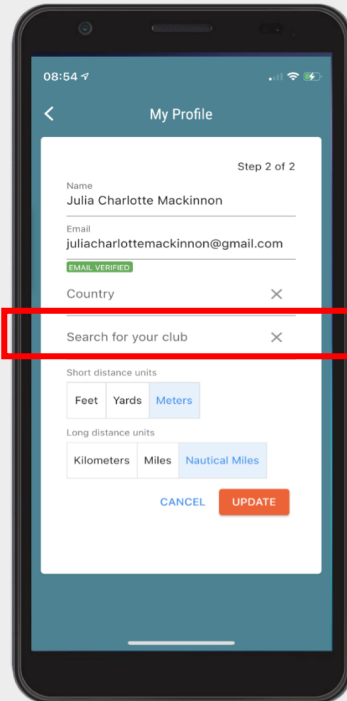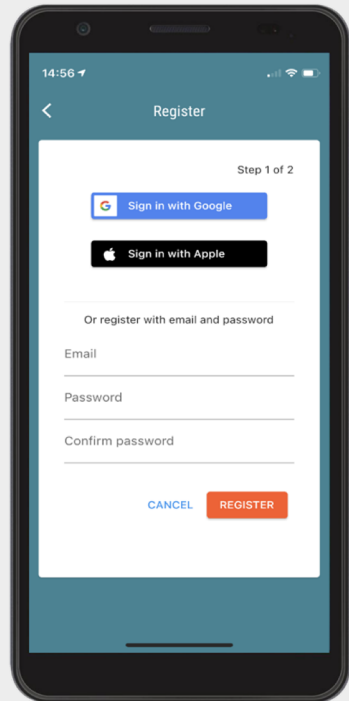
Using Buoy Zone

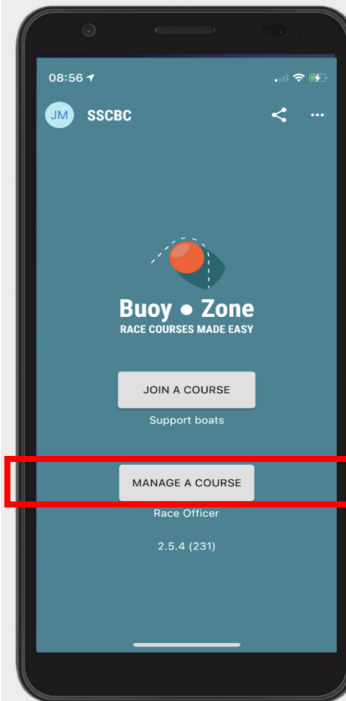## as a

Race Officer

User Manual

Part 1

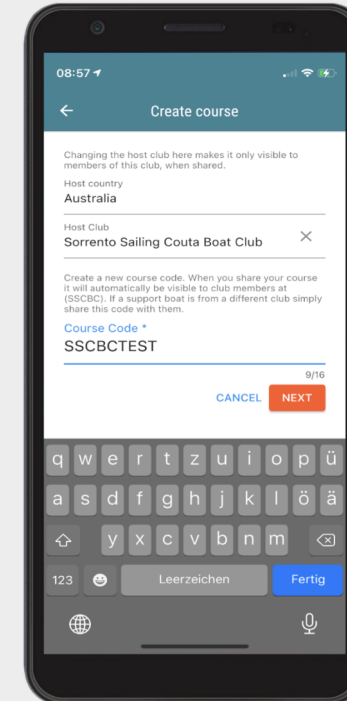# How to get started with Buoy Zone – Race Officer

Create an account

➢ Download the app „Buoy Zone" from app store
➢ Register using your Google or Apple account – or create a new one

➢ Input your personal details
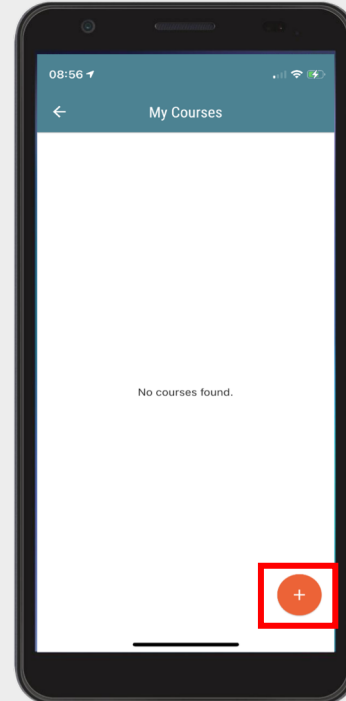➢ Search for SSCBC and link your account to the club

Create a new course

➢ Create a new race course by clicking „Manage a Course"

➢ Fill in the host club
➢ Define a course name that can be easily recognised

➢ Add a new race course

How to set up a new race course
- Course axis and size

Enter the course size (nm) and the length of the start-line (m) depending on the wind conditions and the boat types

Start vessel location can be updated with the current vessel location as long as race course is not yet finalised. After finalising the race course please choose „manual course location" so that the start vessel location does not change, if the start vessel swings or let's out more anchor.

Enter the course axis

The start pin bias can be between +15° and -15°

14:37

Course settings
Sorrento Sailing Couta Boat Club

Course axis (°Mag)
180
3/4

Course size (nm)
0.8
3/5

Start-line length (m)
150
3/4

Start pin bias
0°

Start boat location
Update with my current location

HIDE ADVANCED

Course Type
Windward Leeward

Mark 1 Setting
Mark | Gate

Add 1A Mark

Update with my current location

Manual course location

How to set up a new race course
- Advanced settings

Choose the designated course type

Select the settings for top mark 1, mark 1A and the extra top mark mark X1

Select the settings for the bottom mark

Select the locations of start-line and finish-line

Course settings
Sorrento Sailing Couta Boat Club

HIDE ADVANCED

Course Type
Windward Leeward

Mark 1 Setting
Mark   Gate

Add 1A Mark
No   Yes

1A distance from mark 1(m)
60
2/4

1A angle
110
3/4

Add Extra Top Mark X1
No   Yes

X1 length (% of course size)
95
2/4

Extra Top Mark X1 Type
Mark   Gate

Trapezoid

Triangle

Windward Leeward

Digital N

Digital M

Course settings
Sorrento Sailing Couta Boat Club

110
3/4

Add Extra Top Mark X1
No   Yes

X1 length (% of course size)
95
2/4

Extra Top Mark X1 Type
Mark   Gate

Add XA Mark
No   Yes

Mark 4 Setting
Gate   Mark   None

Start-line location
Below bottom mark(s)

Finish-line location
Above top mark

Boat Name *
Test Boat

Below bottom mark(s)

Middle of beat

1/3 up beat

1/4 up beat

Same as start

Reach LR

Reach LG

Starboard of start boat

Starboard of start boat perpendicular to gate

Above top mark

How to set up a new race course
- Finish line information

Enter start vessel name and skipper name

Enter the length of the finish line, the gate width and the Gate distance

Select to share with Club

Set the course and open map
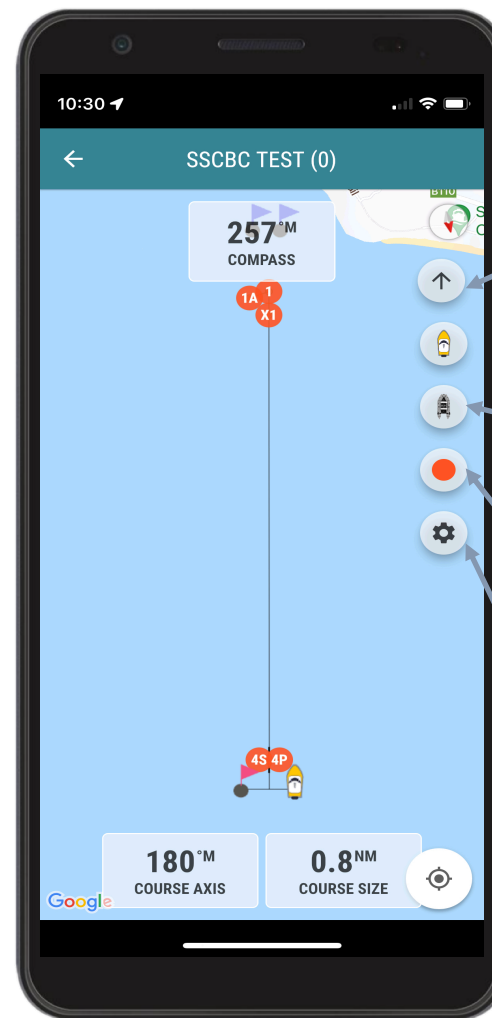
This arrow will always lead you back to your current postion on the map

This icon shows a list of all active vessels that have joined the course

Clicking the red mark icon in the legend will give you detailed information on the position of all marks

Here you can adjust your race course settings
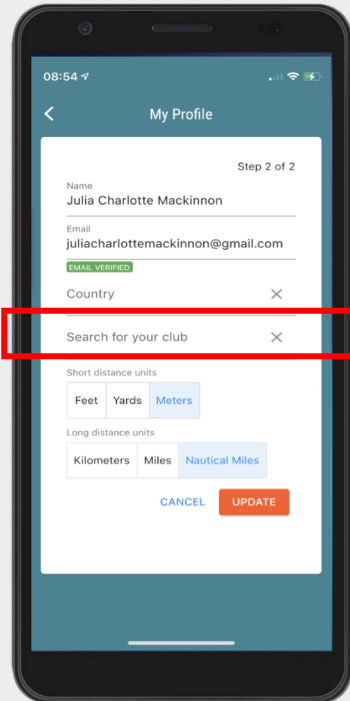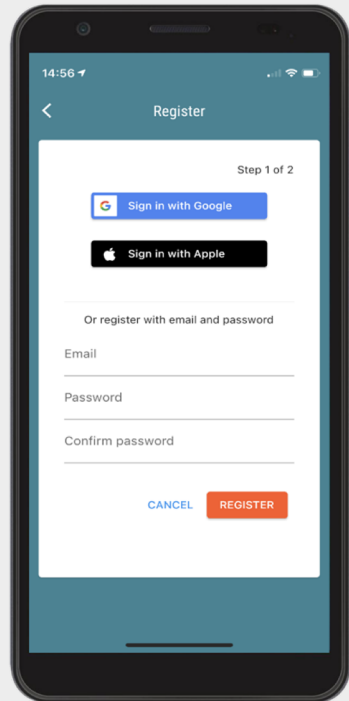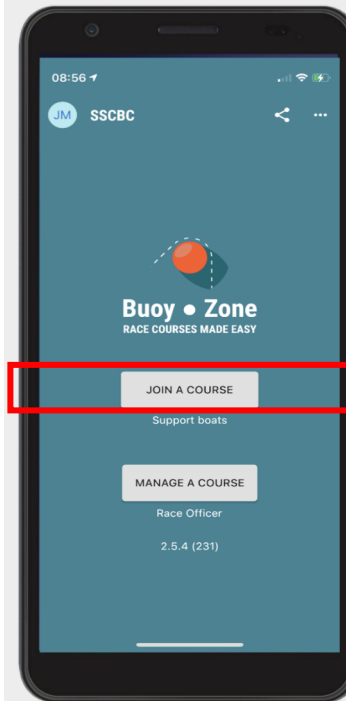
Using Buoy Zone
as a
Mark Layer

User Manual

Part 2

How to get started with Buoy Zone – Mark Layer
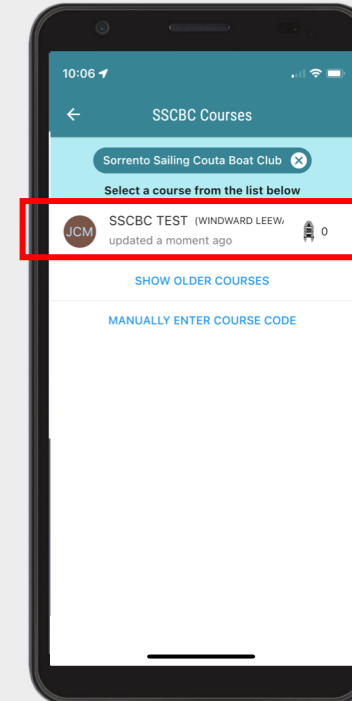
Create an account

Create a new course

➤ Download the app „Buoy Zone" from app store
➤ Register using your Google or Apple account – or create a new one

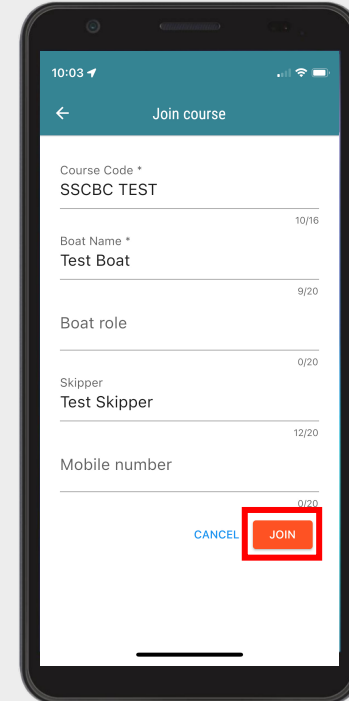➤ Input your personal details
➤ Search for SSCBC and link your account to the club

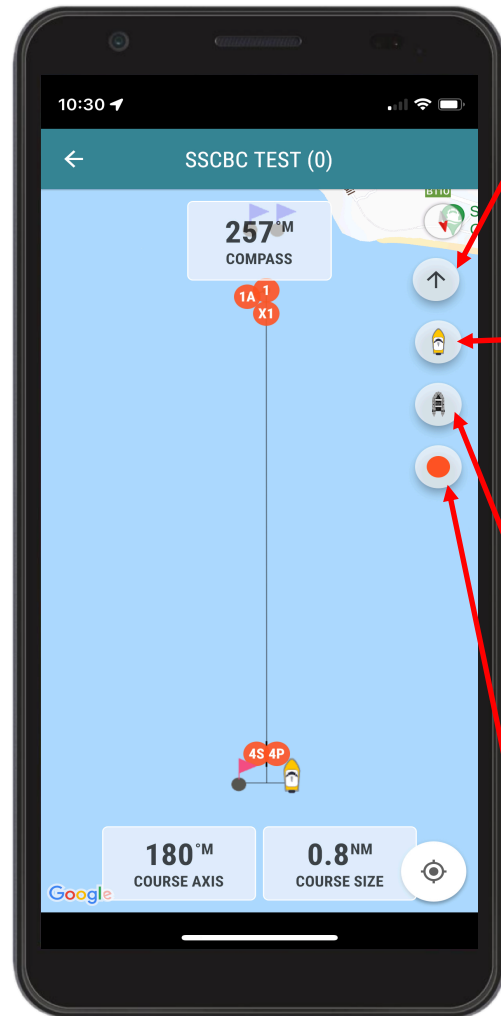➤ To join an existing course click Join a Course"

➤ Choose the right course from the list
➤ You can also view older courses when necessary

➤ Enter your name and the name of your boat and „Join"

How to join a course

This arrow will always lead you back to your current postion on the map

Clicking on the Start Vessel in the legend will bring up the position on the Start Vessel

Your boat will show up as a grey RIB, like the one in the legend; clicking on this icon you will see a list of all active logged in boats

Clicking the red mark icon in the legend will give you detailed information on the position of all marks
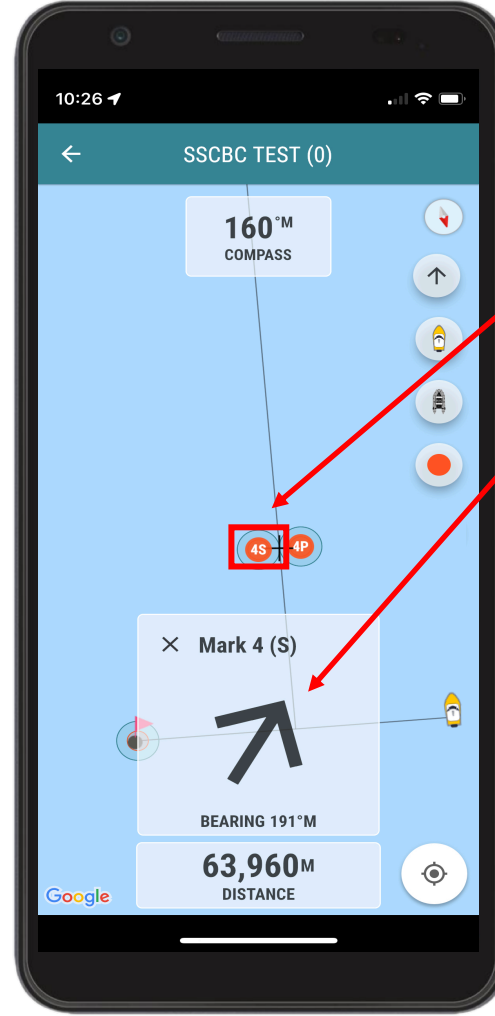
Click on the mark you are supposed to lay

Directions on Buoy Zone will lead you to the mark

Zoom in as you get closer to the mark; you want to be as close as possible to the mark – meaning your RIB needs to be inside the red circle (5m) when you drop the mark