

## Setting three course marks with the mobile

Setting the course with the help of the mobile requires an android device with GPS function working in out of service areas. You need to download an app and open an account with a geocaching platform. The app and the account are free.

You then need to position the boat at the bottom mark (mark 3).

The actual entry of marks takes less than 1 minute!!!

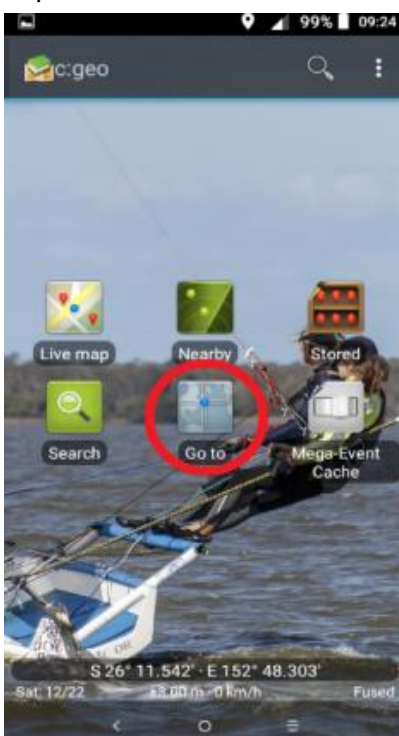
### 1. Installing the app

- 1.1. Install the free app "c:geo"  
<https://play.google.com/store/apps/details?id=cgeo.geocaching> see here for help:  
<https://cgeo.droescher.eu/en/start>
- 1.2. Create a free account with geocaching.com  
<https://www.geocaching.com/play>, sign up.
- 1.3. Open "c:geo" app on your mobile.
- 1.4. Tap yes for any permissions required.

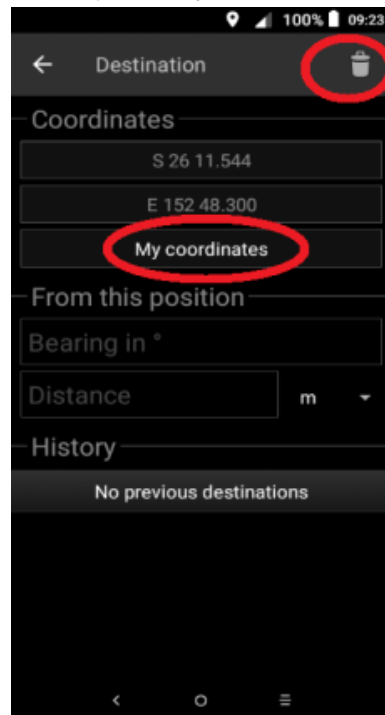


### 2. Setting the marks

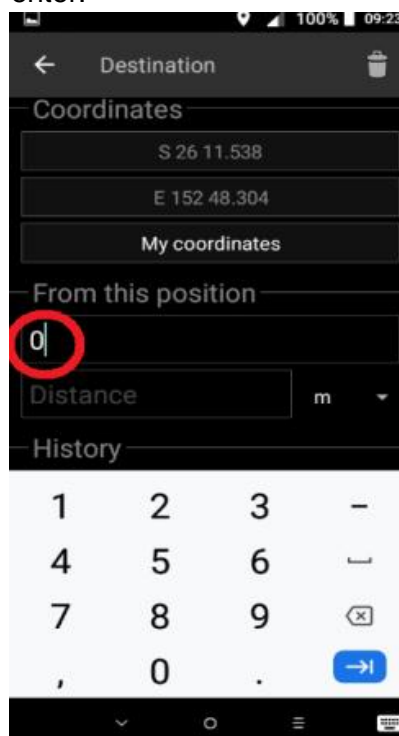
- 2.1. Position yourself at the bottom mark
- 2.2. Open c:geo
- 2.3. Tap "Go to"



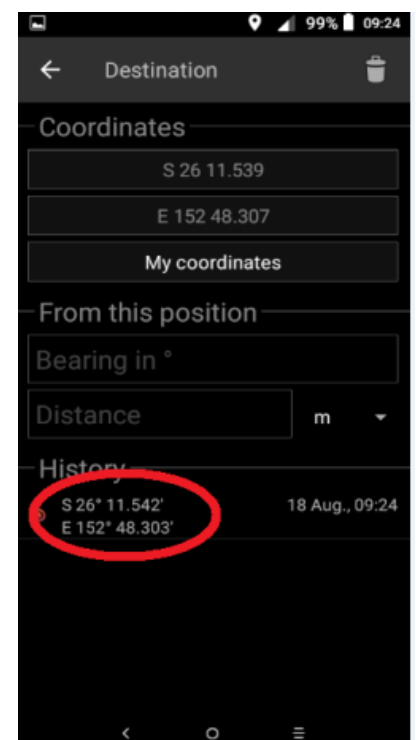
- 2.4. Tap the bin symbol (top right to delete all history), then tap on "My coordinates"



- 2.5. Tap on "bearing" and tap "0". Tap the blue arrow to enter.



- 2.6. Tap on "distance" and enter "0" again.
- 2.7. Tap on the top left arrow to go back to the main menu
- 2.8. Tap on "Go to". The coordinates of mark 3 are now on the screen.

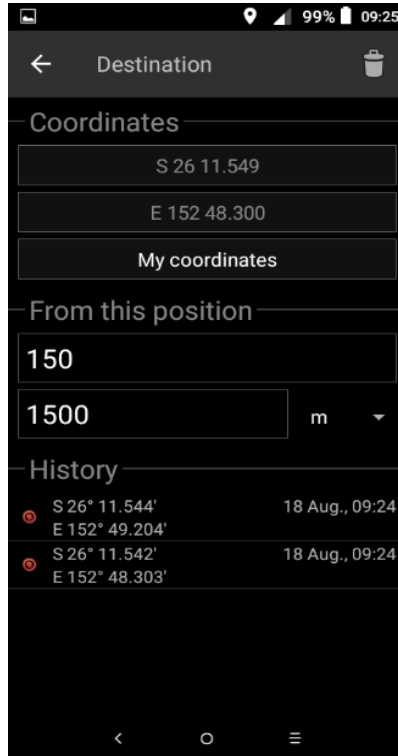
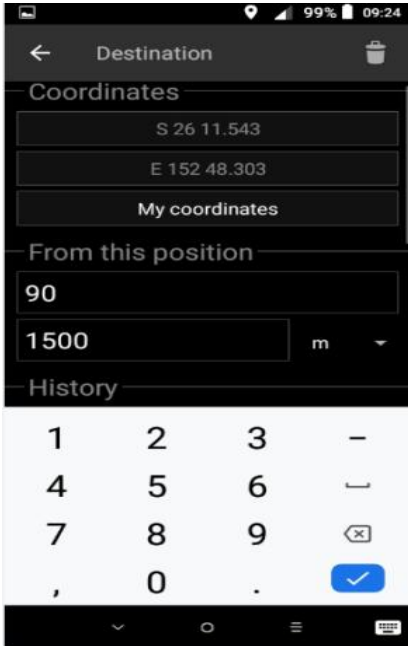


- 2.9. Tap "bearing" and enter the degrees from the bottom mark to the gybe mark (a number 70 less than the compass wind reading. So if your compass wind reading was 160°, **subtract 10°** to get the true wind reading to the top mark =150° then **subtract 60°** to get the direction to the gybe mark = 90).
- 2.10. Tap "distance" and enter the distance to the top mark in meters.

1852 m = 1 naut. mile  
 1667 m = 0.9 naut. miles  
 1574 m = 0.85 naut. miles  
 1482 m = 0.8 naut. miles  
 1389 m = 0.75 naut. miles  
 1296 m = 0.7 naut. miles  
 1204 m = 0.65 naut. miles  
 1111 m = 0.6 naut. miles  
 1019 m = 0.55 naut. miles  
 926 m = 0.5 naut. miles

- 2.13. Tap "bearing" and enter the degrees of the wind direction.
- 2.14. Tap distance and enter the distance to the top mark in meters (must be the same as in 2.10).

- 2.17. Tap on the coordinates for mark 1 to start navigating.
- 2.18. Optionally put in your earphones, tap the top right "speaker" symbol and listen to the instructions while keeping your mobile in your pocket.



- 2.11. Tap the top left arrow to go to the main menu.
- 2.12. Tap "Go to". The gybe mark, mark 2, has been entered and can be seen above mark 3 coordinates.

- 2.15. Tap the top left arrow to go to the main menu.
- 2.16. Tap "Go to". All marks are entered.

- 2.19. At the top mark, click the top left arrow and choose the coordinates for mark 2.

