

Test Case

TC113 Race Dash Startline waypoint and startline management

Belongs to Plan(s):

TP5 dashboard_tactics...

Belongs to Suite(s):

TS41 Race Dash functi...

Case Type:

Functionality

Label(s):

click to add Label(s)

Test Quality:

😊

GOOD

Test Case Passing

Assign To:

click to add Assign To

Case Priority:

Medium

Estimate:

420

Is Automated

Precondition

Albeit not absolutely mandatory, it is recommend to use the simulator with this test to control the wind shift remaining at reasonable levels when moving, for example startline marker waypoints.

Steps

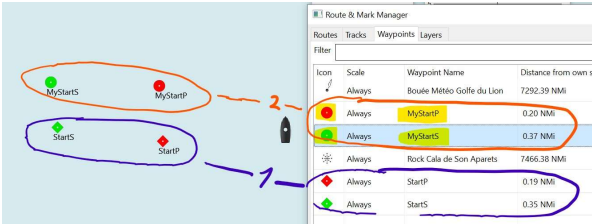
Click "Tab" or "Shift + Tab" to navigate grid ?

1

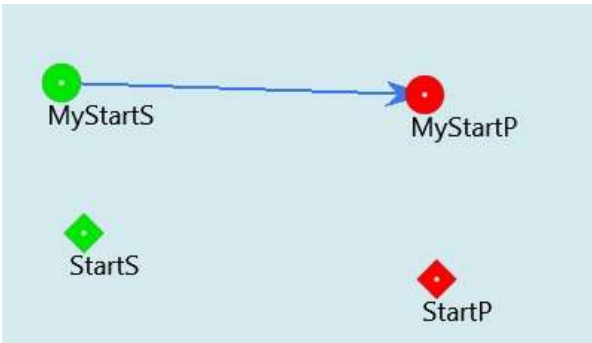
!!

Test that priority is given to user set, active route based startline instead of existing, dropped marks:

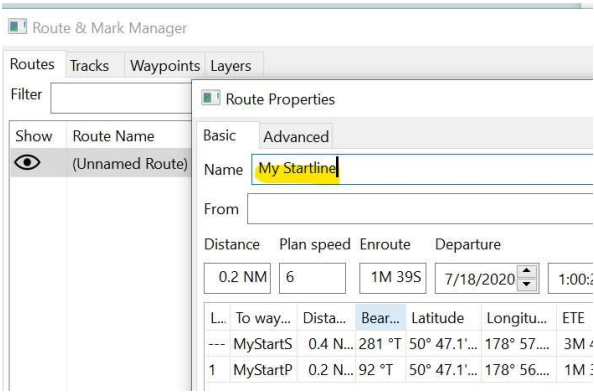
Make sure that before the test you have dropped a startline. Stop the application under test so that the grid disappears. Drop two user marks above the application dropped startline markers. Use waypoint and route editor to modify the dropped points (2) as depicted below:



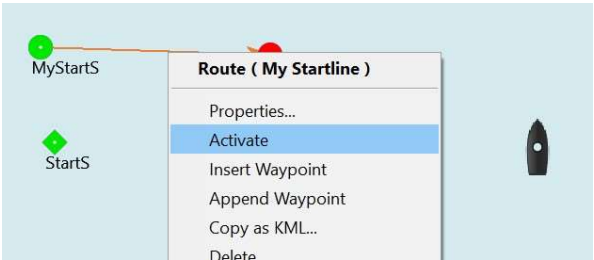
Back on the chart canvas, create a route between the *MyStartS* and *MyStartP* waypoints - the direction does not matter.



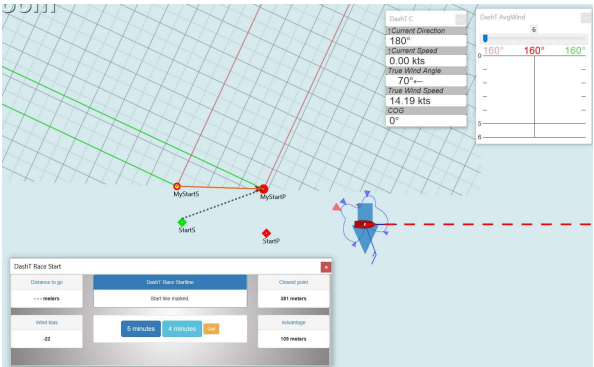
Back in the OpenCPN route and waypoint editor, name the route as depicted below.



Back on the chart canvas, activate the *My Startline* route.



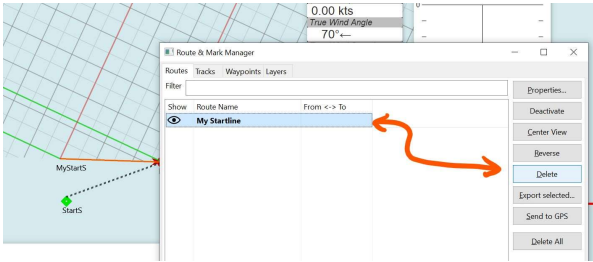
Start the application and observe that it picks up the user's startline, marked as *My Startline* despite the existing application's own startline markers:



♂ User startline is selected and grid displayed.

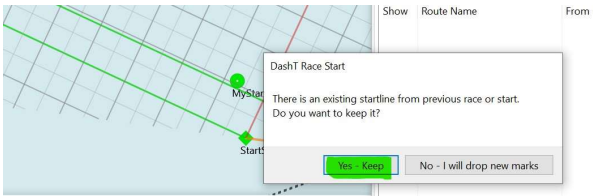
- 2
- !!
- In this test we check that the evil user, who may actually go and delete the waypoints and/or routes while we showing will not ruin our day:
-

Go to route and waypoint manager and set yourself in the evil spirit of an average user and delete the route on his/her behalf and for their great disappointment:

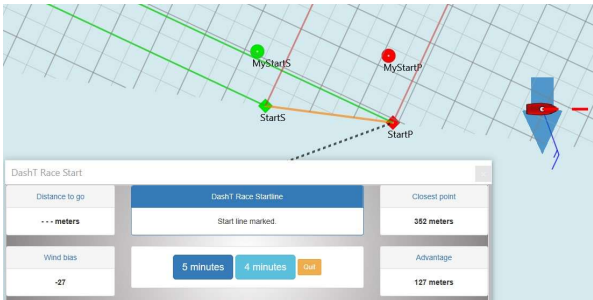


Alternatively, you can go and delete one of the waypoints. It does not matter: the route becomes invalid and we should detect that.

The OpenCPN part of the application should detect this and propose to switch to the other set of waypoints, those which are created by the application and for which we have the GUID's (we do not need route for those):



The resulting startline switch shall look like this:

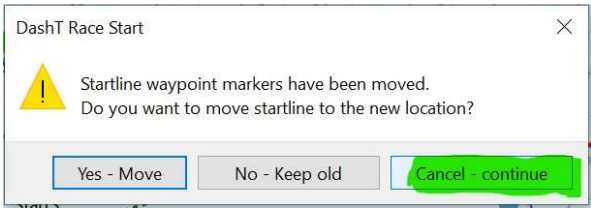


- ♂
- The user route disappearance has been correctly detected and the user route based startline removed.
- The earlier, dropped startline markers will be used instead.

- 3
- !!
- In this test, we test the possibility to hot-move the startline, with confirmation: Drag one of the dropped markers out of the grid, for the test it is better to move out of the grid, it is more visible:
-



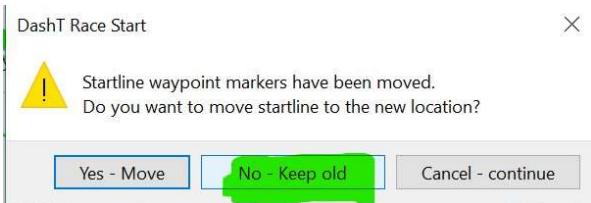
Wait for a delay which is set for about ten seconds before the application starts bugging about this move. Tell it that you want to continue to move points around:



Move now the other end, as well.

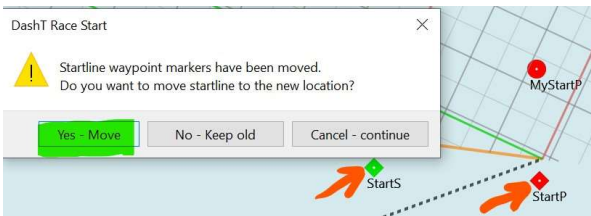


When asked for confirmation, answer that you want to keep the old point positions, finally:

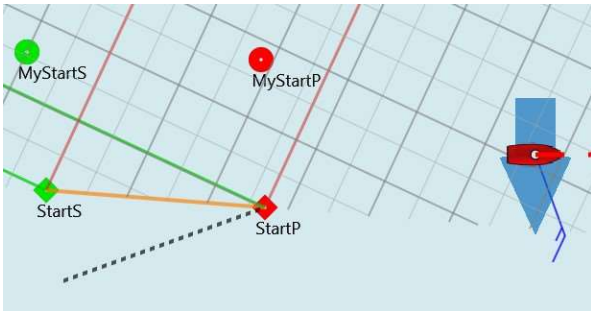


Observe that the startline does not move and its markers return to the original positions.

Repeat the above but this time, ask the application to move the startline to the new position, marked by the new startline positions.



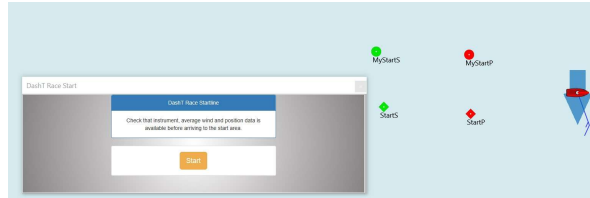
Observe and confirm the correct movement of the startline, grid and laylines to the new positions:



✱ The application produces the startline management functions as illustrated in the test plan.



4



Quit the application, leaving it in the state, with markers as illustrated as above.

Restart the application.

Confirm now that the dropped, dynamic startline markers are used to select the startline and grid position.

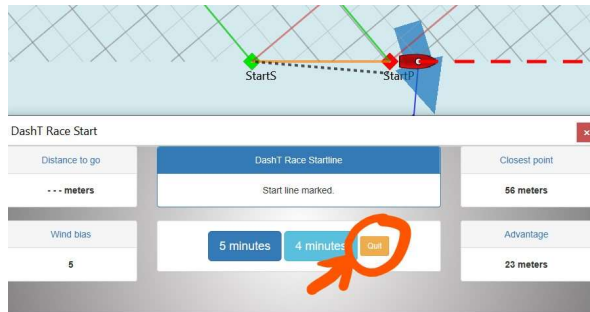


The new cycle will start with the previous race / start startline.

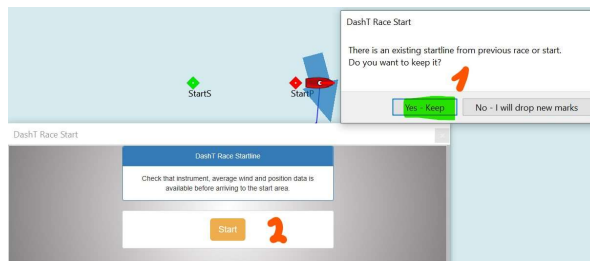
5



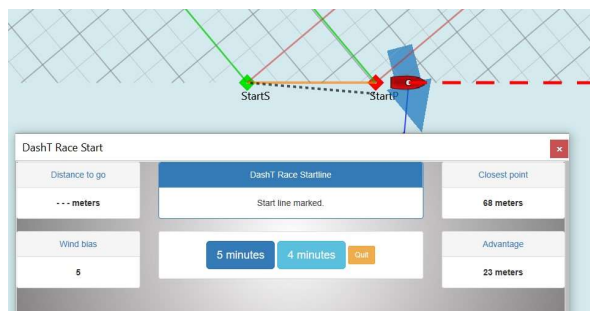
In this test step we test the restart/pause or whatever reason the user may want to press the Quit button before the start.




Verify the correct behavior to suggest to keep the startline (or not):

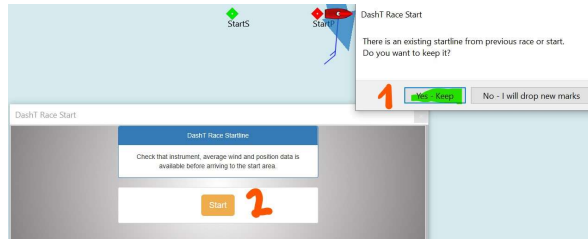


After accepting to keep the startline (1), start a new race (2) - normally there is more time between the two but it does not matter for this test step - the persistence is tested below in another step.




User will find the same startline in the next race.

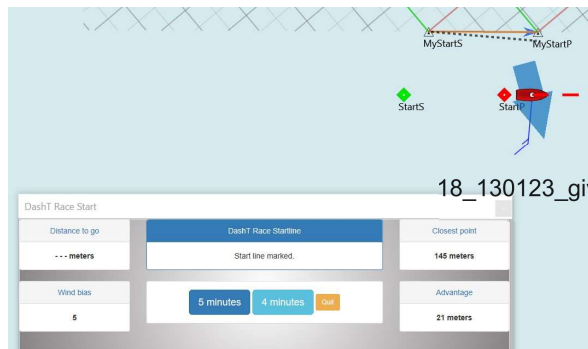
- 6  In this use case, the race will take place after *apéro* or even the day after (not sure that one should trust the startline marks or even less the wind direction, but that's not our problem): the startline before the cold start should be proposed:



After accepting and starting the race preparation, one should get directly into the earlier situation of point 5.

- ♂ Situation of point 5 can be reproduced after a cold start.

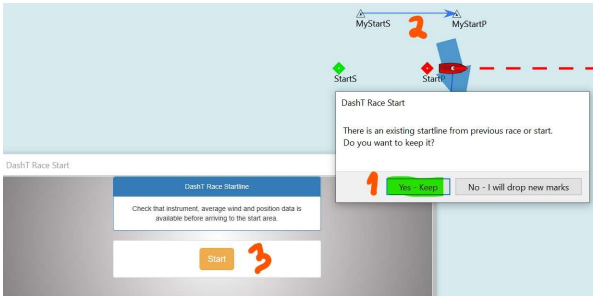
- 7  We continue from point 6 - the yesterday's settings. Meanwhile, the racing *comité* has passed, during the *apéro* the startline positions which the strategist now, frantically types in, while the start time approaches. Can we make the change without stopping the application and start procedure?



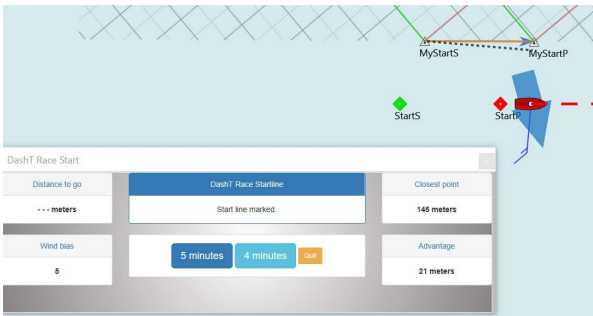
2020-07-18_130123_give_id_name_to_user_startline_route.jpg

- ♂ It shall be possible to create and activate a route *My Startline* while the dropped marks are active so that the new startline position is created according to priority to the user's *My Startline* and the grid is moved there.

8 This test is like tests 5 and 6, related to cold start but with the existing user's *My Startline* being in the route catalog. Of course it is not active when one starts OpenCPN:



Accept the dropped marker (1) albeit not planning to use it. Instead, activate route *My Startline* (2). Start the application (3). The application should move directly now to that startline:



At cold start, it is possible to switch to user defined startline, if it exists by simply activating it.






⊕ Add Step





Attachments



⬆ Add Attachments

RESULTS		DEFECTS	REQUIREMENTS			
Key	ID	Summary	Created↑	Assigned	Status	

RQ59	135	O-DT-TA-4-007 Allow usage of a pre-s...	about 3 hours ago	canne	open	
RQ58	132	O-DT-TA-4-005 : Provide starboard an...	about 3 hours ago	canne	open	
RQ57	131	O-DT-TA-4-004 : Provide startline win...	about 3 hours ago	canne	open	
RQ55	120	O-DT-TA-4-001 : Provide start line inf...	about 3 hours ago	canne	open	
 Add Requirement						

ACTIVITY	HISTORY	COMMENTS
 Petri Makijarvi made changes - 24 minutes ago Field: estimate Original value: 360 New value: 420		
 Petri Makijarvi made changes - about 4 hours ago Field: estimate Original value: 360 New value: 360 Field: key Original value: New value: 113 Field: test_quality_id Original value: 22803 New value: 22806 Field: state_mask Original value: New value: 1		
 Petri Makijarvi created Test Case - about 6 hours ago		
 Petri Makijarvi made changes - about 6 hours ago		

