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: 360

Is Automated

Precondition

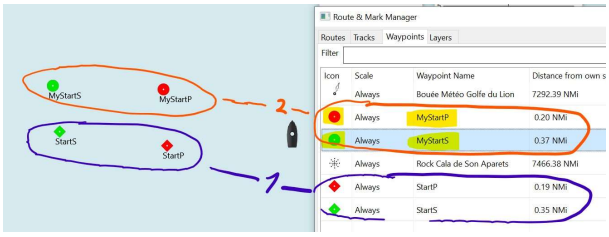
Albeit not absolutely mandatory, it is recommend to use the simulator with this test to control the wind shift remaining at reasonable levels when moving, for example startline marker waypoints.

Steps

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

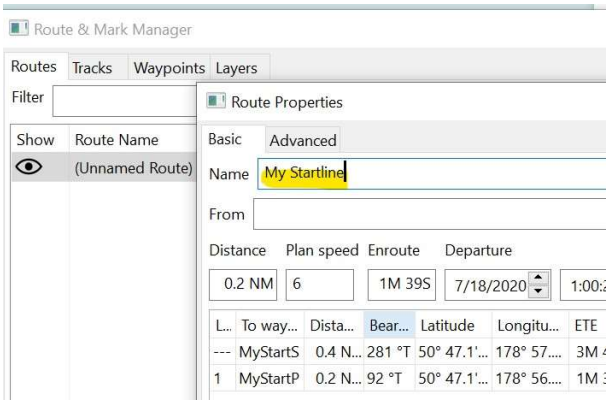
1 Test that priority is given to user set, active route based startline instead of existing, dropped marks:

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:

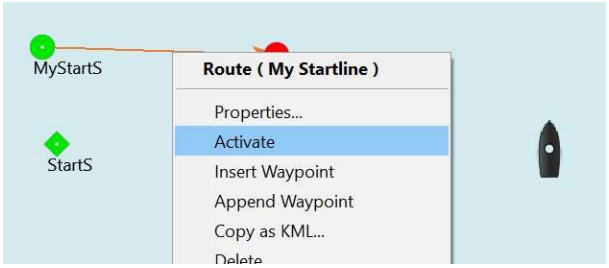


Back on the chart canvas, create a route between the *MyStartS* and *MyStartP* waypoints - the direction does not matter.

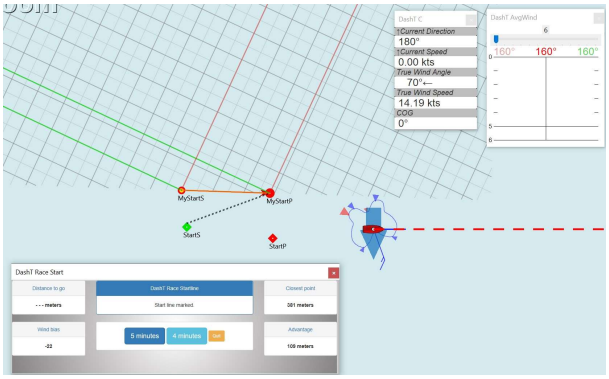
Back in the OpenCPN route and waypoint editor, name the route as depicted below.



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:

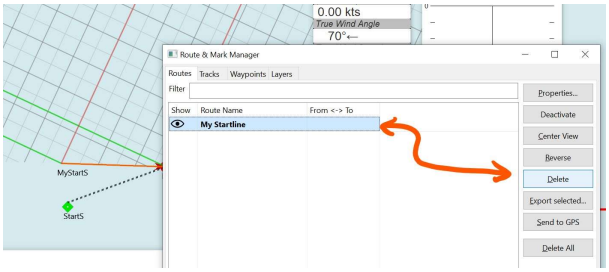


User startline is selected and grid displayed.

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:

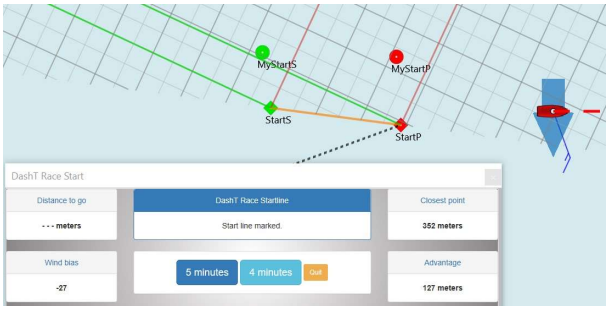
Go to route and waypoint manager and set yourself in the evil spirit of an average user and delete the route on his/her behalf and for their great disappointment:



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:

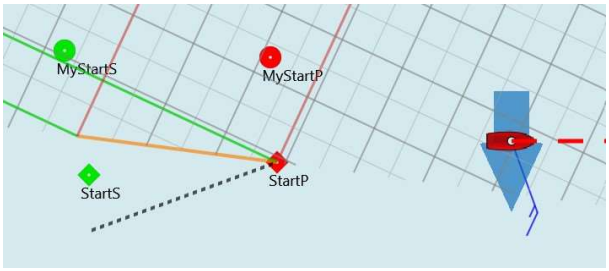


The user route disappearance has been correctly detected and the user route based startline removed.

The earlier, dropped startline markers will be used instead.

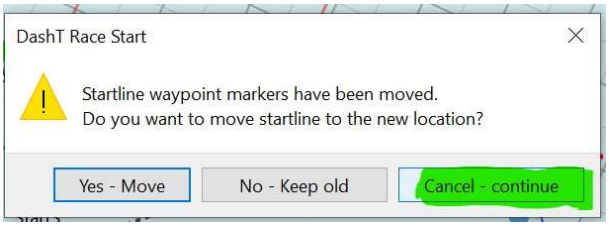
3

n 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:

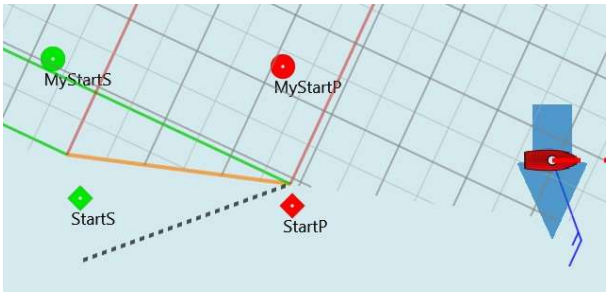


Wait for a delay which is set for about ten seconds before the application starts bugging about this move. Tell it that you want to continue to move points around:

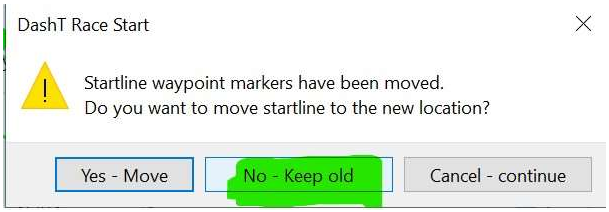
bugging about this move. Tell it that you want to continue to move points around.



Move now the other end, as well.

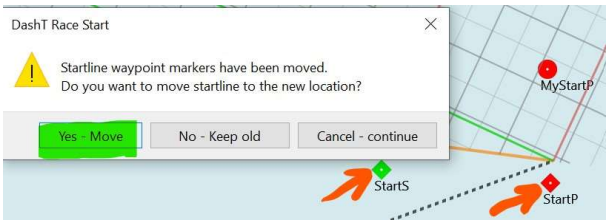


When asked for confirmation, answer that you want to keep the old point positions, finally:

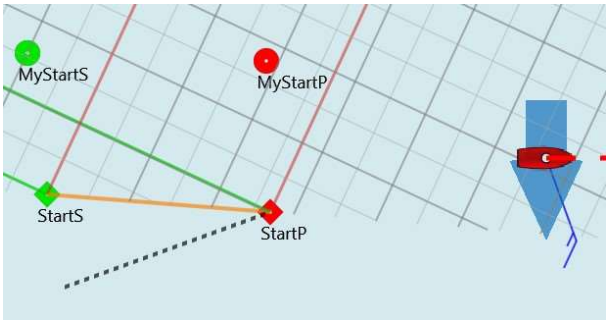


Observe that the startline does not move and its markers return to the original positions.

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

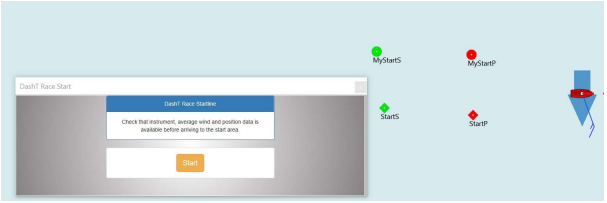


Observe and confirm the correct movement of the startline, grid and laylines to the new positions:



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.

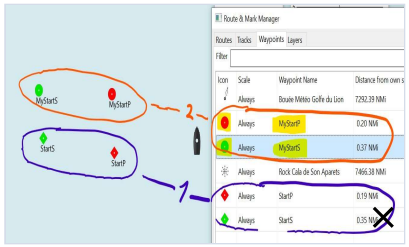
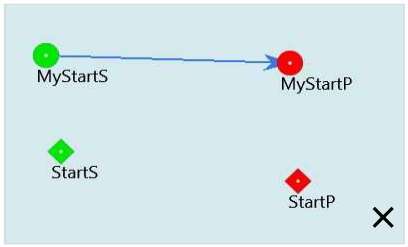
Restart the application.

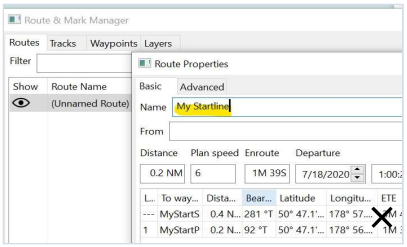
Confirm now that the dropped, dynamic startline markers are used to select the startline and grid position.

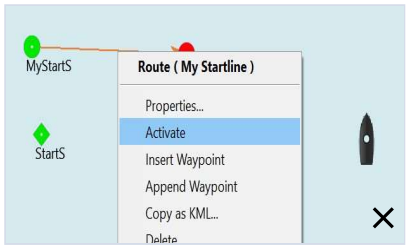
The new cycle will start with the previous race / start startline.

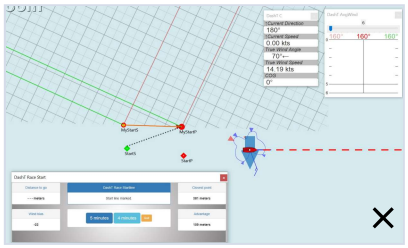
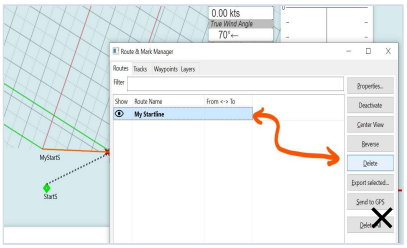
⊕ Add Step

Attachments





« ‹ 1 2 3 › »

Add Attachments

RESULTS	DEFECTS	REQUIREMENTS

Status	Test Plan Run	Assigned To	Updated At↑	Actions
✔ Pass	TPR90 tc112 and tc113 new t...	Petri Makijarvi	2 minutes ago	

ACTIVITY | HISTORY | COMMENTS