Test Case TC108 Test TWD calc at standstill

Belongs to Plan(s):	TP5 dashboard_tactics				
Belongs to Suite(s):	TS18 NMEA simulator				
Case Type:	Functionality				
Label(s):	windows				
Test Quality:	EXCELLENT Defects Closed Fixed				
Assign To:	Petri Makijarvi				
Case Priority:	Low				
Estimate:	120				
	Is Automated				

Precondition

This test requires that you have system - a boat - with a multiplexer or other active system which can calculate the the true wind data from the relative wind data but which does not provide true wind direction either on the water or on the ground. In other words, you get only TWS/TWA out of it in some NMEA sentence.

For this test the dashboard_tactics_pi must be higher than v0.5.2 (which does not yet has this function).

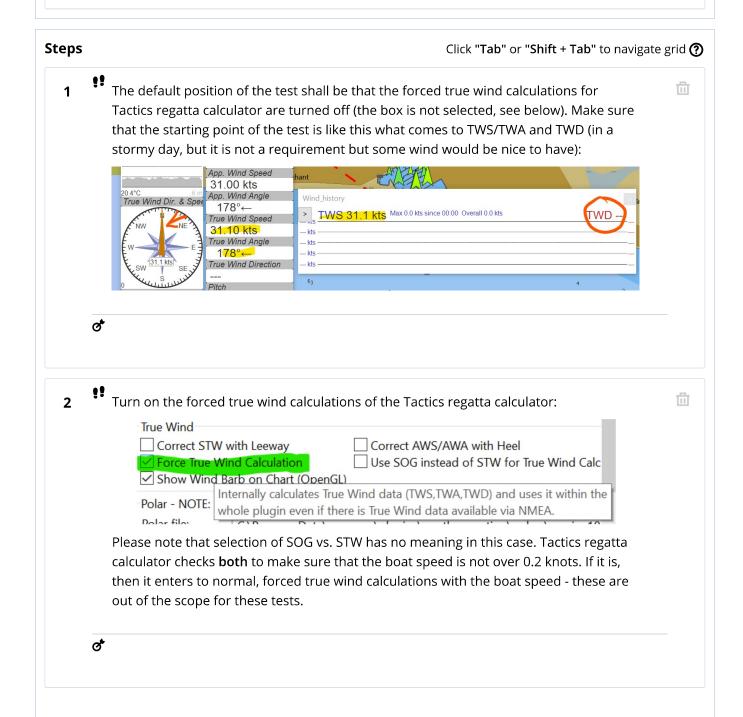
In his test we use MiniPlex 2 with these settings:

NMEA Conversions Heading
Heading Magnetic <> True (HDG/HDM <> HDT) Reverse True Heading (HDT) COG to True Heading (VTG -> HDT)
GPS GPS Speed to Log Speed (VTG -> VWH) Log Speed to GPS Speed (VHW -> VTG) RMC -> GGA RMC -> ZDA
Wind ☐ VWR <> MWV ✓ Relative to Theoretical Wind (MWV,R -> MWV,T)

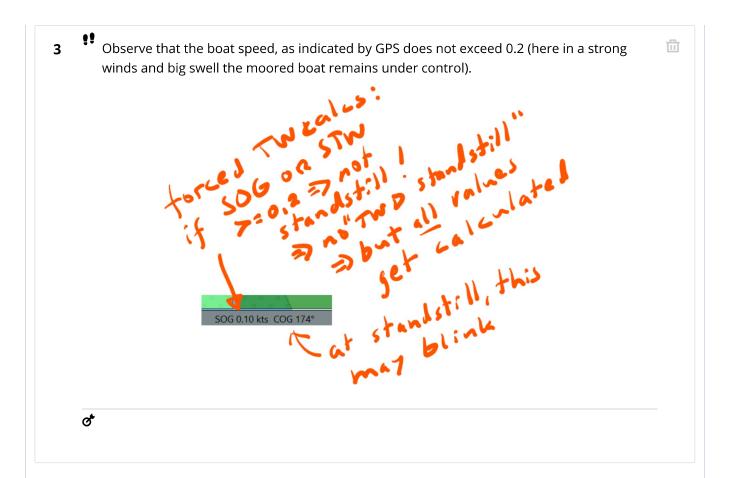
Of course, you must be in the boat and it should be moored. The maximum allowed movement is having resulting speed under 0.2 knots. (This may make this function unusable in anchored situations in heavy weather - but people

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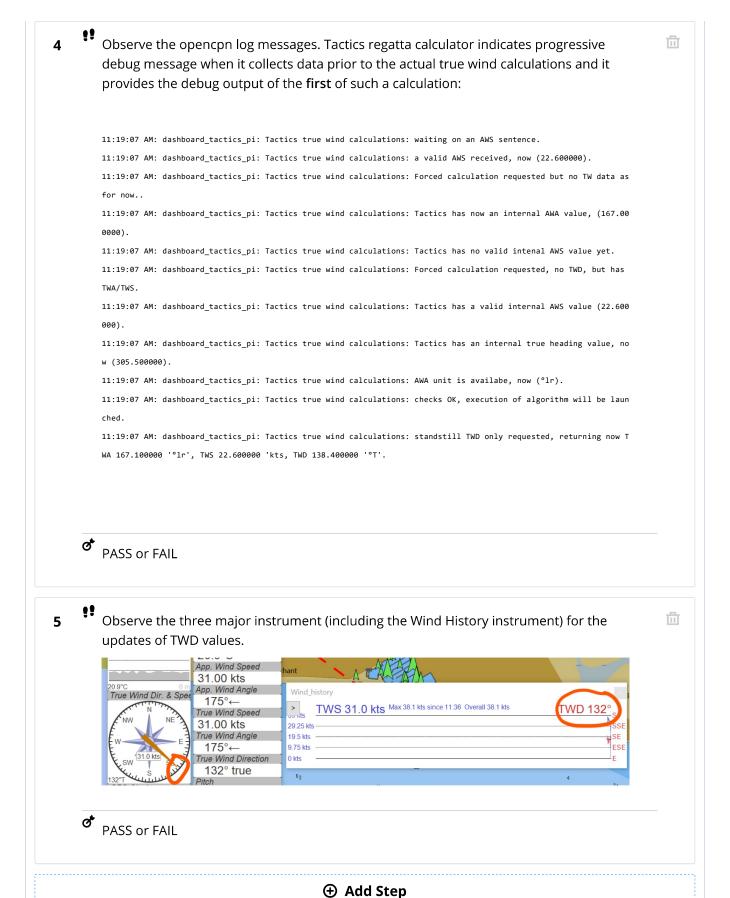
should not use this application in those cases, anyway).



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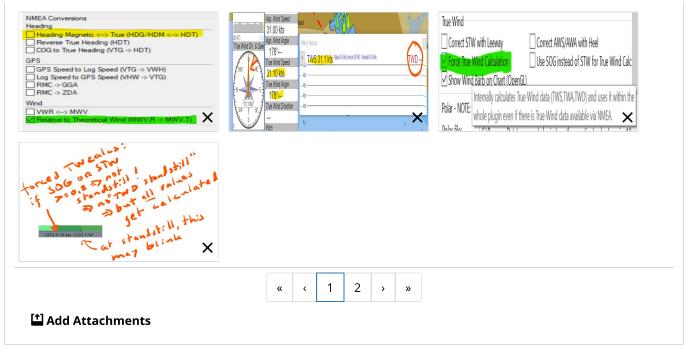


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Attachments

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RESULTS	DEFECTS	REQUIREMENTS		
Status	Test Plan I	Run Assigned To	Updated At个	Actions
✓ Pass	TPR85 das	shboard_tactics_pi 🥞 Petri Makijarvi	11 months ago	区
2 Pending	TPR87 das	shboard_tactics_pi 🥞 Petri Makijarvi	10 months ago	区
▶ Skip	TPR88 das	shboard_tactics_no🥞 Petri Makijarvi	4 months ago	区
2 Pending	TPR89 rac	e_start_startline_gri🥞 Petri Makijarvi	3 months ago	区
\mathcal{C} Pending	TPR90 tc1	12 and tc113 new t 🥞 Petri Makijarvi	2 months ago	区
		« (1 2) »		

ACTIVITY HISTORY COMMENTS

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