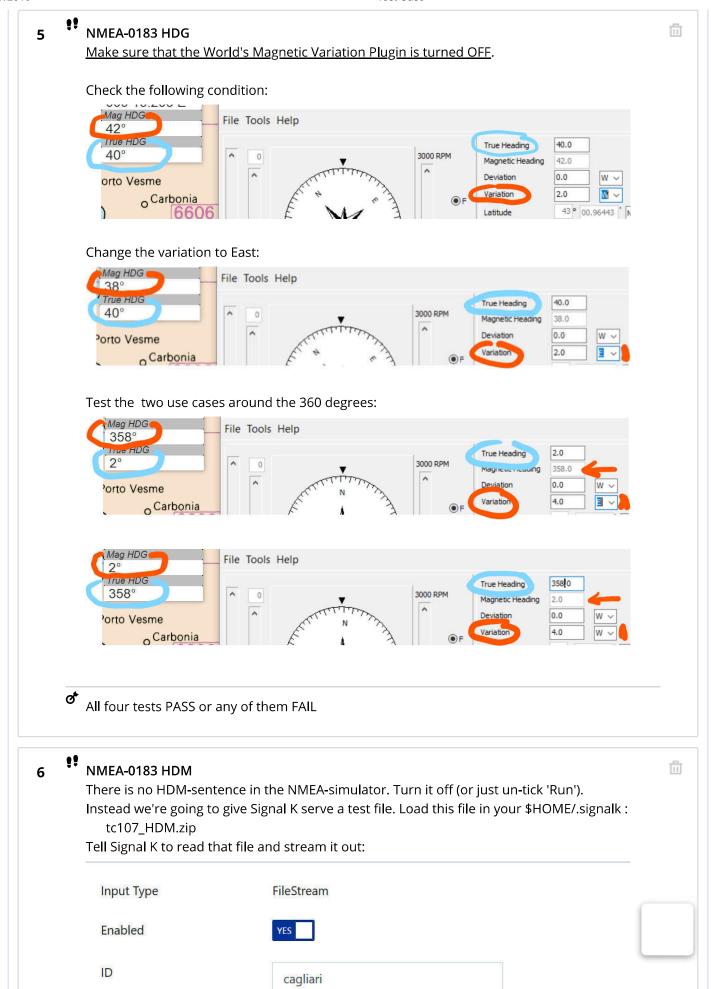
11/7/2019 Test Case



Data Type		NMEA 0183	~
File Name		tc107_HDM.txt	
Apply	<b>⊘</b> Cancel		

Note that you need to restart the signalk-server, most probably. You can detect if the file has been read from the main dashboard:



With a browser on http://localhost:8375 you should see this:

```
{"self":"urn:mrn:imo:mmsi:227346650","timestamp":"2019-09-15T20:13:46.084
Z","version":"0.0.1"}
{"updates":[{"source":{"sentence":"HDM","talker":"II","type":"NMEA0183","lab
el":"cagliari"},"timestamp":"2019-09-15T20:13:46.101Z","values":[{"path":"na
vigation.headingMagnetic","value":4.502949471173527}]}],"context":"vessels.u
rn:mrn:imo:mmsi:227346650"}
```

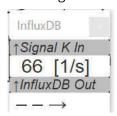
{"updates":[{"source":{"sentence":"HDM","talker":"II","type":"NMEA0183","label":"cagliari"},"timestamp":"2019-09-15T20:13:46.111Z","values":[{"path":"navigation.headingMagnetic","value":4.502949471173527}]}],"context":"vessels.urn:mrn:imo:mmsi:227346650"}

Stop the browser window and launch OpenCPN with the above HDG test instruments.



You should see the magnetic heading varying as in the test file, now with add-on "mag" in the unit, which is an indicator that it is indeed coming from HDM-sentence and not from HDG-sentence in which this add-on is not used in Dashboard. Also, there is no True heading calculated as with HDG-sentence.

Finally, verify that the number of sentences treated is matching also in the plug-in's instrument end (see above the rate on the Signal K server):



While streaming, verify that the user interface of O remains responsive and that its CPU load does not exceed 5 %. (with max 5 instruments defined)

