

cNODE® Maxi and Midi transponders

Information letter



KONGSBERG

cNODE® software update - battery lifetime estimation

This is valid for all cNODE® Maxi and cNODE® Midi transponders with lithium battery when used in Cymbal acoustic mode.

Kongsberg Maritime has experienced that cNODE® Maxi transponders underestimate the battery consumption when used in Cymbal acoustic mode. The battery consumption reported from cNODE® transponders to APOS is too low. In worst case the error can be up to 50% (battery is empty, but APOS indicates battery used 50%).

Worst case operation is continuous positioning with minimum TX power. Operations with low acoustic activity or higher TX power will give less, but still a considerable error.

Kongsberg Maritime has now improved the cNODE® battery lifetime estimation and the solution is tested and verified for different type of operations. The cNODE® software must be updated. This can be done with Transponder Tester TTC30. The improved battery lifetime estimation is valid from cNODE® software v.4.07. The cNODE® transponder upgrade is fully valid when a new battery is installed.

The battery lifetime can be estimated manually by using the method described in the Kongsberg Maritime document P/N 372212 'cNODE® Maxi battery lifetime estimation'.

Customer support

For further information on how to perform the software update please contact Kongsberg Maritime UNAV Customer Support.

Email: km.support.hpr@kongsberg.com

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