

Tideland Signal Corp. FCC AIS Station Application
FILE 0430-EX-PL-2010
Confirmation EL583633
Form 422 Question 7
14 September 2010

This application seeks authorization to test and demonstrate Automatic Identification System (AIS) Aid to Navigation (AtoN) equipment. AIS AtoN equipment works with the international ship-based AIS and provides AtoN position and health status information to the mariner. AIS AtoN is also used to report AtoN status information to the shore-based owner or operator of the AtoN.

Tideland Signal Corp. is a manufacturer of marine aids to navigation, such as lights, buoys and fog signals. AIS AtoN units are accessories that we sell with aid to navigation systems. Tideland will use this authorization to evaluate and configure AtoN units for sale to others. Please note that Tideland does not manufacture AIS AtoN; we are simply a reseller. Tideland has received from the U.S. Coast Guard an MMSI number and AtoN name for performing over-the-air testing:

MMSI	993660009
AtoN Name	AIS TEST-IGNORE

The frequencies sought herein are the international AIS frequencies: AIS 1 – Marine VHF Channel 87 (161.975 MHz); and, AIS 2 Marine VHF Channel 88B (162.025 MHz).