



communications

Aviation Recorders

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FCCID: IB2AISA1

The L-3 PROTEC AIS Transponder with P/N AISA100010 is a commercial Class A Automatic Identification System (AIS) Transponder certified by FCC under license IB2AISA1 and approved by USCG under number 165.155/9/1 (docs attached). L-3 has been contracted by the USCG to develop a specialized version of this transponder to support the USCG requirements for secure transmission of certain mission-critical data. The PROTEC-M AIS is the designation for this product and it is the same form/fit/function as the FCC-licensed PROTEC AIS, utilizes the same hardware configuration, and exhibits the same VHF transmission characteristics. The only difference is in the format of the messages that are transmitted.

The USCG and US Navy are in the process of fitting this system to their fleets now, and the US Navy has requested that we obtain an FCC License for the PROTEC-M. We have also been contacted by local and state authorities which are interested in outfitting their maritime security vessels with this equipment in order to enable them to interoperate with Federal maritime security agencies, so we wish to be fully compliant to all FCC licensing requirements.

We would like to request that FCC grant this license due to the similarity between the products to the already-certified AISA100010. The PROTEC-M is identified by three partnumbers listed below:

AISA100010	Partnumber designation for commercial vessel operators
AISA100090	Partnumber designation for USCG
AISA100092	Partnumber designation for US Navy
AISA100092	Partnumber designation for other State/Local/Federal agencies"