



U. S. Department of Homeland Security

United States Coast Guard

Certificate of Approval

Coast Guard Approval Number: 165.155/9/1

Expires: 18 December 2013

AUTOMATIC IDENTIFICATION SYSTEM (AIS)

L3 COMMUNICATIONS
6000 Fruitville Road
Sarasota FL 34232

L-3 Communications, ProTec AIS Automatic Identification System (AIS).

The L-3 Communications, ProTec AIS system meets the requirements set forth in:

IMO Resolution A.694(17),
MSC.74(69) Annex 3,
Recommendation ITU-R M.1371-1,
IALA Technical Clarifications on Recommendation ITU-R M.1371-1,
IEC 60945,
IEC 61162 (applicable parts), and
IEC 61993-2.

BSH Test Report No. 734.2/0050-1/2003

Federal Communications Commission (FCC) Certification is required.

L-3 Communications, ProTec AIS consists of the following equipment:

| Component: | Part Number: | Software Release: |
|----------------|--------------|-----------------------|
| AIS Unit | AISAl-000-xx | Software Version 1.1x |
| Terminal Block | 2469800177 | |
| VHF antenna | 0520017002 | |
| GPS antenna | 0520027001 | |

Optional Components:

| | |
|--|--------------|
| Junction Box (replaces terminal block) | 253-M0312-00 |
| Pilot Port Cable | 024M009900 |

*** END ***

THIS IS TO CERTIFY THAT the above named manufacturer has submitted to the undersigned satisfactory evidence that the item specified herein complies with the applicable laws and regulations as outlined on the reverse side of this Certificate, and approval is hereby given. This approval shall be in effect until the expiration date hereon unless sooner canceled or suspended by proper authority.



GIVEN UNDER MY HAND THIS 26th DAY OF
SEPTEMBER 2008, AT WASHINGTON D.C.

DAVID G. MCCLELLAN, CDR
CHIEF, SYSTEMS ENGINEERING DIVISION
BY DIRECTION OF THE COMMANDANT, U.S.C.G.