



2003-205
16714 / 46 CFR 165.155
December 18, 2003

L-3 Communications, Aviation Recorders
Attn: Mr. Alan Davis
6000 Fruitville Rd.
Sarasota, FL 34232

Dear Mr. Davis:

We have reviewed your application requesting a U.S. Coast Guard Certificate of Approval for the L-3 Communications ProTec AIS. The ProTec AIS was successfully tested by Bundesamt für Seeschifffahrt und Hydrographie (BSH) as meeting the requirements of: ITU Recommendation ITU-R M.1371-1, IEC 60945, IEC 61162 (applicable part), IEC 61993-2, IMO Resolutions A.694(17), and MSC.74(69), Annex 3.

The following approval number has been assigned:

L-3 Communications, ProTec AIS
165.155/9/0

Dated: December 18, 2003
Expires: December 18, 2008

This certificate remains valid until December 18, 2008, unless we suspend, withdraw, or terminate it. Only the manufacturer of the AIS may apply for the parent certification to be extended by writing to the Commandant (G-MSE-3) before it expires. If the AIS is no longer produced and thus terminated, the AIS continues to be considered certified based on the AIS test date of manufacture, the vessel installation date, and a valid certification for that time period. You cannot transfer this certification to another manufacturer without written authorization from the Commandant (G-MSE-3). You must notify the Commandant in writing when you make any change in the design or construction of these devices or when you cease manufacturing these devices.

Final shipboard acceptance of the L-3 Communications, ProTec AIS is based on the installation, materials, and workmanship being to the satisfaction of the cognizant Officer in Charge, Marine Inspection.

Sincerely,

A handwritten signature in black ink, appearing to read "R.W. Martin", with a stylized flourish at the end.

R.W. MARTIN
Commander, U.S. Coast Guard
Chief, Systems Engineering Division
Office of Design and Engineering Standards
By direction of the Commandant

Encl: (1) U.S. Coast Guard Approval Certificate Number 165.155/9/0



U. S. Department of Homeland Security

United States Coast Guard

Certificate of Approval

Coast Guard Approval Number: 165.155/9/0

Expires: 18 December 2008

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:

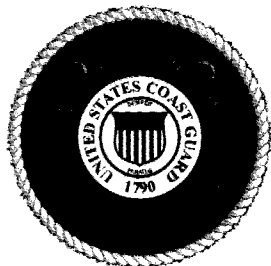
Component:	Part Number:	Software Release:
AIS Unit	AIS A1-00-xx	Software Version 1.1x
Terminal Block	2469800177	
VHF antenna	0520017002	
GPS antenna	0520027001	

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 18th DAY OF
DECEMBER 2003, AT WASHINGTON D.C.

RAYMOND W. MARTIN, CDR
CHIEF, SYSTEMS ENGINEERING DIVISION
BY DIRECTION OF THE COMMANDANT, U.S.C.G.