



16714 / 46 CFR 165.155  
July 09, 2003

NautiCast Schiffsnavigationssysteme  
Attn: Mr. Andreas Lesch  
Marianhilfer Str. 50/2/11  
A-1070  
Wein, Austria

Dear Mr. Lesch:

We have reviewed your application requesting a U.S. Coast Guard Certificate of Approval for your NautiCast X-Pack DS Automatic Identification System (AIS), (identified hereafter as NautiCast X-Pack DS AIS). The NautiCast X-Pack DS AIS was successfully tested by Bundesamt fur 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:

NautiCast X-Pack DS AIS  
165.155/7/0

Dated: July 09, 2003  
Expires: July 09, 2008

This certification remains valid for five years from June 16, 2003, unless we suspend, withdraw, or terminate it. Only the manufacturer of the AIS may apply for this 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 NautiCast X-Pack DS 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".

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

Encl: U.S. Coast Guard Approval Certificate Number 165.155/7/0



**U. S. Department of Homeland Security**  
**United States Coast Guard**  
**Certificate of Approval**

Coast Guard Approval Number: 165.155/7/0

Expires: 09 July 2008

SHIPBORNE AUTOMATIC IDENTIFICATION SYSTEM (AIS)

NAUTICAST SCHIFFSNAVIGATIONSSYSTEME  
Marianhilfer Str. 50/2/11  
A-1070  
Wien

NautiCast X-Pack DS Automatic Identification System (AIS)

NautiCast X-Pack DS Automatic Identification System (AIS)  
AIS Transponder Unit - X-Pack DS part NAU-A1 with software version 2.0x  
Connection Box- Part NAU-B 400  
GPS Antenna model NAU-B 601 or equivalent  
VHF Antenna NAU-b 610 or equivalent

The NautiCast X-Pack DS 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 .

Tested by BSH- Certificate No. 734.2/0051-1/2003

Federal Communications Commission (FCC) certification is required.

NautiCast X-Pack DS AIS system.

\*\*\* 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 9<sup>th</sup> DAY OF  
JULY 2003, AT WASHINGTON D.C.

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