

U.S. Department of
Homeland Security

United States
Coast Guard



Commandant
United States Coast Guard

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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 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:

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 dark ink, appearing to read "R.W. Martin", written over a horizontal line.

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 9th 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.