

U.S. Department of
Homeland Security

United States
Coast Guard



Commandant
United States Coast Guard

2100 Second Street, S.W.
Washington, DC 20593-0001
Staff Symbol: CG-5213
Phone: (202) 372-1381
Fax: (202) 372-1925

2008-2556
16714 / 46 CFR 165.156
April 10, 2008

Furuno USA
Attn: Mr. Shane Ryan
3443 Pacific Rim Blvd
Seattle, Washington 98145
98107

Dear Mr. Ryan:

We have reviewed your application requesting a U.S. Coast Guard Certificate of Approval for the Furuno FA-50 Class B Automatic Identification System. The Furuno FA-50 Class B AIS was successfully tested by Bundesamt fur Seeschiffahrt und Hydrographie (BSH), Telefication Listed Testing Laboratory and EMC Test laboratory as meeting the requirements of: IEC 60945, IEC 61162 (applicable part), IEC 62287-1, and IMO Resolution A.694(17).

The following approval number has been assigned:

Furuno FA-50
165.156/0006/0

Dated: April 10, 2008
Expires: April 10, 2013

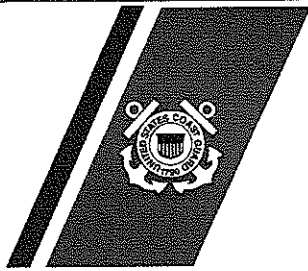
This certificate remains valid until April 8, 2013, unless we suspend, withdraw, or terminate it. Only the manufacturer of the Class B AIS may apply for the certification to be extended by writing to the Commandant (CG-5213) before it expires. If the Class B AIS is no longer produced and thus terminated, the Class B AIS continues to be considered certified based on the Class B AIS test, date of manufacture, the vessel installation date, and a valid certification for that time period. You may not transfer this certification to another manufacturer without written authorization from the Commandant. 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.

Sincerely,

A handwritten signature in black ink, appearing to read "D.G. McClellan".

D.G. MCCLELLAN
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 165.156/0006/0



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

Coast Guard Approval Number: 165.156/6/0

Expires: 10 April 2013

AUTOMATIC IDENTIFICATION SYSTEM (AIS-B/CS)

FURUNO USA
4400 NW Pacific Rim Blvd
Camas WA 98607

Furuno FA-50, Class B, Automatic Identification System.

Furuno FA-50 Class B, Automatic Identification System meets the requirements set forth in:

IMO Resolution A.694(17),
IMO MSC. 140(76),
ITU-R M.1371-2,
DSC ITU-R M.825-3
IEC 62287-1,
IEC 60945 edition 4, and
IEC 61162 (applicable part).

Furuno FA-50 consists of the following equipment:

Unit	Type	Serial Number
Class B Transponder	FA-50	3559-0032
GPS Antenna	GPA-017	381593
GPS Antenna	GPA-017S	021871
VHF Antenna	FAB-151D	4-110718-00
Combined Antenna	GVA-100	2104

Federal Communications Commission (FCC) certification is required.

*** 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 10th DAY OF
APRIL 2008, AT WASHINGTON D.C.

D. G. McCLELLAN
CHIEF, SYSTEMS ENGINEERING DIVISION
BY DIRECTION OF THE COMMANDANT