

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-3PSE-3
Phone: (202) 372-1384
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2007-010
16714 / 46 CFR 165.156
February 28, 2007

ACR Electronics, Inc.
Attn: Mr. Bryan French
5757 Ravenswood Road
Fort Lauderdale, FL 33312

Dear Mr. French:

We have reviewed your application requesting an U.S. Coast Guard Certificate of Approval for the ACR Electronics, Inc. AIS-300 (Nauticast-B) Class B Automatic Identification System. The AIS-300 (Nauticast-B) Class B AIS incorporates the SRT-MTB-OEM transponder which was successfully tested by Bundesamt fur Seeschiffahrt und Hydrographie (BSH) 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:

ACR Electronics, Inc. AIS-300 (Nauticast-B)
165.156/0003/0

Dated: February 28, 2007
Expires: February 28, 2012

This certificate remains valid until February 28, 2012, 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-3PSE-3) 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 cursive script that reads "A.D. Wiest".

A.D. WIEST
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 165.156/0003/0



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

Coast Guard Approval Number: 165.156/3/0

Expires: 28 February 2012

CLASS B AUTOMATIC IDENTIFICATION SYSTEM (AIS-B)

ACR ELECTRONICS, INC.
5757 RAVENSWOOD ROAD
FORT LAUDERDALE FL 33312-6645

ACR Electronics, Inc. AIS-300, (Nauticast-B) Class B, Automatic Identification System.

ACR Electronics, Inc. AIS-300, (Nauticast-B) Class B, Automatic Identification System meets the requirements set forth in:

IMO Resolution A.694(17),
IEC 62287-1,
IEC 60945, and
IEC 61162 (applicable part).

ACR Electronics, Inc. consists of the following equipment:

Transponder: SRT-MTB-OEM
Software Version: Version 9.91 Dated September 4, 2006

Additional Required Equipment:

GPS Antenna: Dedicated marine type GPS antenna with minimum 20 dB gain at the unit.
VHF Antenna: Dedicated antenna with unity gain (0 dB) and bandwidth sufficient to maintain VSWR <1.5 over the frequency range 156-163 MHz.

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 28th DAY OF
FEBRUARY 2007, AT WASHINGTON D.C.

A. D. Wiest
A. D. WIEST
CHIEF, SYSTEMS ENGINEERING DIVISION
BY DIRECTION OF THE COMMANDANT