



2012-2990  
16714 / 46 CFR 165.156  
October 18, 2012

Vesper Marine Ltd.  
Attn: Mr. Carl Omundsen  
103 Westhaven Drive  
St. Marys Bay  
1010 Auckland  
New Zealand

Mr. Omundsen,

Our office has reviewed your application requesting a U.S. Coast Guard Certificate of Approval for the Vesper Marine Ltd. XB 6000/XB 8000/XB 9000 Class B Automatic Identification System (AIS). This unit meets the requirements of the applicable International Standards and is certified as follows:

The following approval number has been assigned:

XB 6000/XB 8000/XB 9000 Class B AIS  
165.156/19/0

Dated: October 18, 2012  
Expires: October 18, 2017

This certification remains valid until October 18, 2017 unless our office suspends, withdraws, or terminates it. The device manufacturer may apply for extension of this certification by writing to our office before it expires. If the equipment is no longer produced our office continues to consider it certified based on the date of manufacture, the vessel installation date, and the valid certification for that time period. You cannot transfer this certification to another manufacturer without written authorization from our office. You must notify our office in writing when you make any change in the design or construction of the device or when you cease manufacturing the device. Final shipboard acceptance of the Vesper Marine Ltd. XB 6000/XB 8000/XB 9000 Class B 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 blue ink, appearing to read "C. K. Marcy".

C. K. MARCY  
Commander, U.S. Coast Guard  
Office of Design and Engineering Standards  
Chief, Systems Engineering Division  
By direction

Encl: U.S. Coast Guard Certificate of Approval Number 165.156/19/0



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

Coast Guard Approval Number: 165.156/19/0

Expires: 18 October 2017

AUTOMATIC IDENTIFICATION SYSTEM (AIS-B/CS)

Vesper Marine Ltd.  
103 Westhaven Drive  
St. Marys Bay  
Auckland 1010  
NEW ZEALAND

Vesper Marine Ltd. XB 6000/XB 8000/XB 9000 Class B, Automatic Identification System (AIS)

Vesper Marine Ltd. XB 6000/XB 8000/XB 9000 Class B, AIS meets the following standards as set forth in Title 46 U.S. Code of Federal Regulations Part 80.231:

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

Vesper Marine Ltd. XB 6000/XB 8000/XB 9000 Class B, AIS consists of the following equipment:

Transponder: WMX 850

Software: V5.06

Internal GPS Antenna

VHF Antenna

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 18<sup>th</sup> DAY OF  
OCTOBER 2012, AT WASHINGTON D.C.

C. K. MARCY, CDR, USCG  
CHIEF, SYSTEMS ENGINEERING DIVISION  
BY DIRECTION OF THE COMMANDANT