

To:
Federal Communications Commission
445 12th Street, SW
Washington
DC 20554
United States of America



GRANTED

FOR THE REASONS INDICATED BELOW

From:
Leo Hsieh
Alltek Marine Electronics Corp.
7F, No.605, Ruei-Guang Rd., Neihu
Taipei, Taiwan, 11492

Leo Hsieh 6/4/13

Mar 26th, 2013

FCC ID: WZ7SART-500
Request for waiver of Section 80.1101(c)(6)

AIS SART is the latest SART (Search And Rescue Transponder/Transmitter), designed for survivor location during search and rescue operations. From 1st of January 2010, AIS SART has been adopted into the GMDSS (Global Maritime Distress Safety System) regulations as an alternative to the traditional SART equipment, RADAR SART.

AIS SART provides more identification, such as position rather than RADAR SART during search and rescue operation period. The transmitting frequency has been set as 161.975MHz & 162.025MHz in marine VHF channel. AIS SART combines two antennas, GPS and VHF, which allows transmitting its latitude and longitude, message 1 and message 14 to AIS station.

The AMEC PLOMO-500 is a AIS SART which designed and manufactured by Alltek Marine Electronics Corporation. AS-500 is another trade name of AIS SART. Both PLOMO-500 and AS-500 use same PCBs and housing.

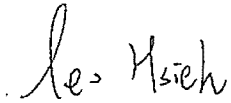
According to Commission Directive 2012/32/EU of October 25th 2012, the PLOMO-500 was reviewed and passed by British Approvals Board for Telecommunications (BABT) as meeting the requirements of IEC 61097-14, IEC 61108-1, and IEC 60945. Also the PLOMO-500 has passed USCG approval requirements.

From FCC' s Rules (Rule 47 CFR 80.1101(c)(6)), FCC authorized only 9 GHz GMDSS Radar SARTs. Although the PLOMO-500 is not a 9 GHz GMDSS Radar SART, the PLOMO-500 meets

the international requirements for an AIS SART and has the same purpose as a 9 GHz GMDSS Radar SART - to help locate vessels by transmitting a signal that is intended to assist in quickly locating a survival craft during search and rescue operations.

Hence we, Alltek Marine Electronics Corp., hereby submit a waiver request of Section 80.1101(c)(6) of the Commission's Rules to permit equipment certification.

Yours faithfully,

A handwritten signature in black ink that reads "Leo Hsieh". The signature is written in a cursive style with a large initial 'L'.

Leo Hsieh

QC Specialist

Alltek Marine Electronics Corp.

U.S. Department of
Homeland Security

United States
Coast Guard



Commandant
United States Coast Guard

2100 Second Street, S.W. Stop 7126
Washington, DC 20593-7126
Staff Symbol: CG-ENG-3
Phone: (202) 372-1485
Fax: (202) 372-1925
Email: TypeApproval@uscg.mil

2012-2971
16714
October 25, 2012

Alltek Marine Electronics Co., Ltd.
Attn: Mr. Leo Hsieh
7F, No. 605
Ruei-Guang Rd.
Neihu, Taipei 11492
Taiwan, R.O.C.

Mr. Hsieh,

Our office has evaluated the Alltek Marine Electronics Co., Ltd. PLOMO-500 Automatic Identification System (AIS) Search and Rescue Transponder (SART). Based on the information you submitted, the system meets the technical requirements outlined in the Safety of Life at Sea Convention (SOLAS) regulation III/6.2.2, regulation IV/7.1.3, and the performance standards in the International Maritime Organization's Resolution MSC.246(83).

This equipment is not subject to U.S. Coast Guard type-approval per Title 46 U.S. Code of Federal Regulations (CFR) subpart 159 nor should it be marketed as having received such type-approval. However, this letter may be used during the review and approval process performed by the U.S. Federal Communications Commission, as applicable.

If you have any questions please feel free to contact this office at the email address or phone number above.

Sincerely,

A handwritten signature in black ink, appearing to read "C.K. Marcy", written over a circular stamp or mark.

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

Copy: Federal Communications Commission

130510 9097 767 001

READ INSTRUCTIONS CAREFULLY
BEFORE PROCEEDING

FEDERAL COMMUNICATIONS COMMISSION
REMITTANCE ADVICE
FORM 159

Approved by OMB
3060-0589
Page No 1 of 2

(1) LOCKBOX #		SPECIAL USE ONLY	
		FCC USE ONLY	
SECTION A - PAYER INFORMATION			
(2) PAYER NAME (if paying by credit card enter name exactly as it appears on the card) Alltek Marine Electronics Corporation		(3) TOTAL AMOUNT PAID (U.S. Dollars and cents) \$180.00	
(4) STREET ADDRESS LINE NO. 1 7F, NO.605, Ruei Guang Rd., Neihu, Taipei, Taiwan, R.O.C. 114			
(5) STREET ADDRESS LINE NO. 2 Taipei			
(6) CITY		(7) STATE	(8) ZIP CODE
(9) DAYTIME TELEPHONE NUMBER (include area code) 886-2-2627-1599*172		(10) COUNTRY CODE (if not in U.S.A.) TW	
FCC REGISTRATION NUMBER (FRN) REQUIRED			
(11) PAYER (FRN) 0018401190		(12) FCC USE ONLY	
IF MORE THAN ONE APPLICANT, USE CONTINUATION SHEETS (FORM 159-C) COMPLETE SECTION BELOW FOR EACH SERVICE, IF MORE BOXES ARE NEEDED, USE CONTINUATION SHEET			
(13) APPLICANT NAME Alltek Marine Electronics Corporation			
(14) STREET ADDRESS LINE NO. 1 7F, No.605, Ruei-Guang Rd., Neihu			
(15) STREET ADDRESS LINE NO. 2			
(16) CITY Taipei		(17) STATE	(18) ZIP CODE 114
(19) DAYTIME TELEPHONE NUMBER (include area code) +886-2-2627-1599		(20) COUNTRY CODE (if not in U.S.A.) TW	
FCC REGISTRATION NUMBER (FRN) REQUIRED			
(21) APPLICANT (FRN)		(22) FCC USE ONLY	
COMPLETE SECTION C FOR EACH SERVICE, IF MORE BOXES ARE NEEDED, USE CONTINUATION SHEET			
(23A) CALL SIGN/OTHER ID 0018401190	(24A) PAYMENT TYPE CODE PDWM	(25A) QUANTITY 1	
(26A) FEE DUE FOR (PTC)	(27A) TOTAL FEE \$180.00	FCC USE ONLY	
(28A) FCC CODE 1	(29A) FCC CODE 2		
(23B) CALL SIGN/OTHER ID	(24B) PAYMENT TYPE CODE	(25B) QUANTITY	
(26B) FEE DUE FOR (PTC)	(27B) TOTAL FEE	FCC USE ONLY	
(28B) FCC CODE 1	(29B) FCC CODE 2		
SECTION D - CERTIFICATION			
CERTIFICATION STATEMENT I, <u>Leo Hsieh</u> , certify under penalty of perjury that the foregoing and supporting information is true and correct to the best of my knowledge, information and belief.			
SIGNATURE _____		DATE <u>April 16th, 2013</u>	
SECTION E - CREDIT CARD PAYMENT INFORMATION			
MASTERCARD <u>V</u> VISA _____ AMEX _____ DISCOVER _____			
ACCOUNT NUMBER <u>5521 9700 1716 7712</u>		EXPIRATION DATE <u>October 2017</u>	
I hereby authorize the FCC to charge my credit card for the service(s)/authorization herein described.			
SIGNATURE _____		DATE <u>April 16th, 2013</u>	