

File No.: AS500-TR-1202-Q01-01

Date: 02/08/2012

**Test Report**  
**for**  
**IEC 61097-14 Ed.1, Clause 6.1(h)**  
**Floating test**  
**for**  
**AIS SART PLOMO-500**

---

H.A. Chen

---

---

Leo Hsieh

---

This document is proprietary to Alltek Marine Electronics Corporation (AMEC). Use or disclosure of the document, or the information contained therein, for any purposes other than AMEC purposes is NOT permitted without prior written authorization by AMEC.

## Table of Contents

	<b>Page</b>
1. Introduction -----	3
2. EUT Configuration -----	3
3. Test Method -----	3
4. Test Steps with Photos -----	3
5. Summary of Test Results -----	4
6. List of Test Equipment -----	5

## Test Report for IEC 61097-14, Clause 6.1 (h), for AIS SART PLOMO-500

### 1. Introduction

The AIS SART PLOMO-500 (EUT) is tested to verify its fulfillment against clause 6.1 (h), floating test, of IEC 61097-14, Ed. 1. This test is performed at Taipei on February 8th, 2012. This document records this test, including test method, test equipment, and test results.

### 2. EUT Configuration

Product Name: AIS Search and Rescue transmitter (AIS-SART);

Produce Model: PLOMO-500

Serial Number: 970160013

Configuration: Hardware: M-PCB-SARTV03

Software: SART Ver. 1.1

### 3. Test Method

3.1 Assemble the EUT with one meter extension pole.

3.2 Throw EUT far away into the water (it was in a lake with around 2 meter water depth).

3.3 Watch for 5 minutes and check it is capable of floating.

### 4. Testing Steps with Photos

4.1 Assemble the EUT with one meter extension pole.



4.2 Throw EUT far away into the water. (It was in a lake with around 2 meter water depth).



4.3 Watch for 5 minutes and check it is capable of floating.





## 5. Summary of Test Results

- 1) The EUT with one meter extension pole is capable of floating.
- 2) A video clip is provided to evidence the testing as shown in the “Floating Test Video Clip – AIS SART PLOMO-500.rar” file.

## 6. List of Test Equipment

The following table lists the test equipment which has been used for these tests.

#	Description	Manufacturer / Model	Remark
1	AIS SART main unit	AMEC PLOMO-500	
2	One meter extension pole	AMEC PLOMO-500 accessory	