



American Telecommunications Certification Body Inc.
6731 Whittier Ave, McLean, VA 22101

December 18, 2002

RE: Advanced Technology RAMAR Ltd.

FCC ID: MS8PTRANSPONDITV1

After a review of the submitted information, I have a few comments on the above referenced Application.

Label Issues

- 1) The correct method to label the device is with "FCC ID: MS8PTRANSPONDITV1". Note that "MS8PTRANSPONDITV1 must be preceded by the phrase "FCC ID:". Please provide a corrected label.
- 2) Regarding the statements of 15.19(a)(3). From looking up the previous approval referenced, it appears that the statements were placed on the device itself (see additional attachment found in original application). Please note that the FCC has given us guidelines stating that devices which are larger than the palm of your hand should have the statements placed on the device.

Manual Issues

- 3) The revised users manual is missing the statements required by 15.105 (there were previously provided in the original users manual, but listed Class B - See item 7 below). Please provide a corrected users manual.
- 4) The users manual should clearly identify the enclosure(s) that the EUT is approved for use within and also show photographs as to show the proper installation configuration of the device. It should clearly identify that the device is only approved for use in this configuration.

Main Test Report

- 5) The main test report should clearly indicate the sections of Part 15 that the device was tested to and complied with (i.e. 15.249). Please update the test report.
- 6) Please explain why the radiated profiles on page 11 and 12 of 13 of the original test report show profile results significantly higher than the measured values.
- 7) The main test report references general emissions requirements as Class A (pages 2 & 4 of test report), while it appears that the device meets with Class B limits. Additionally, the users manual FCC statements required by 15.105 no longer appear in the manual (which typically state class A or B as appropriate). Please explain and correct the affected exhibits.

Additional Test Reports

- 8) Test report 5117a shows additional passing test data. However test report 5117 contains many failures and does not appear to show that the unit will maintain compliance within the expected uses (case extensions, mounting positions, etc.) of this enclosure. Please comment.

Misc

- 9) Proposed grant conditions: "This device is only authorized for use in water pit installations using a specific metal enclosures (specified in the filing) and only in the ground."

Timothy R. Johnson
Examining Engineer

[mailto: tjohnson@AmericanTCB.com](mailto:tjohnson@AmericanTCB.com)

The items indicated above must be submitted before processing can continue on the above referenced application. Failure to provide the requested information may result in application termination. Correspondence should be considered part of the permanent submission and may be viewed from the Internet after a Grant of Equipment Authorization is issued.

Please do not respond to this correspondence using the email reply button. In order for your response to be processed expeditiously, you must submit your documents through the AmericanTCB.com website. Also, please note that partial responses increase processing time and should not be submitted.

Any questions about the content of this correspondence should be directed to the sender.