



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

September 23, 2003

RE: Thales Navigation, Inc.

FCC ID: NZI800963 (??)

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

- 1) The grantee code NZI on the FCC site does not match the name or address of Thales Navigation located in California. NZI is listed as Dassault Sercel Navigation-Positionnement located in France. Please explain.
- 2) The FCC labeling should include a colon after the term FCC ID. Please adjust the labeling to include this.
- 3) The system block diagram shows a GSM transceiver which does not appear to be part of this application. Please explain.
- 4) The external photographs show various antennas. Due to the number of devices, please label various antennas as RX only, TX/RX, etc for better clarity of the device. Additionally, for any optional accessories, please label these as such. Additionally, the photographs appear to show the COM module which does not appear to be included as part of this application. Is this sold with the unit or is it optional? Note that the users manual appears to show several different options. Due to the number of modules possible, please provide a summary table that helps explain what modules are included, what are optional, what combinations are available, and how each module has been tested for FCC requirements. Please provide further information.
- 5) From the internal photographs of the device, it is uncertain if the device contains additional boards/circuits in addition to the single board shown. Please provide additional internal photographs to sufficiently show the general construction of the rest of the device.
- 6) It is uncertain what the base radio/antennas are given on page 5 of the users manual. Are these different devices or related to the unit being certified. Please explain.
- 7) Page 4 of 19 of the test report appear to mention every configuration except for the bluetooth covered by this application.
- 8) Please explain the use of a 1 GHz high pass filter given in the test report. The fundamental of this device should operate in the 2400 MHz band.
- 9) Page 3 of 20 of the test report appears to contain some missing information regarding the bluetooth and PCS items listed. Please correct.
- 10) The power output listed on page 13 of 20 does not match the test results. Please correct.
- 11) The test report mentions that the receivers have been tested to meet FCC requirements. However the device only meets the Class A digital device limits. Note that the RX portion of the device must meet with Class B limits, even if the total device only meets with Class A limits. Please explain.

A handwritten signature in black ink, appearing to read 'Timothy R. Johnson'.

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.