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

March 26, 2002

Washington Laboratories
Gregory Snyder

RE: FCC ID: LW9-GA61-V-1
I have a few comments on this Application. Please provide the following information as soon as possible.

1 The equipment code (class) on the 731 form (DSR) is for a Part 15 Security Control device. The proper equipment code for this type of licensed device under Part 90 should be TNB. Please correct and upload a revised 731 form to show this change. X
2 The supplied Form731 does not contain information for frequency tolerance. While this may sometimes be left off grants for this type device, this tolerance was measured and reported on page 21 of the test report and can/should be entered on the 731 form if desired. If the frequency tolerance is to be listed, please enter this in a revised 731 form to be uploaded. X
3 No operation manual was provided. Please upload the manual with the appropriate FCC statements. X
4 Please upload the tune up procedure and parts list.
5 Radiated Spurious emissions limit is to be 30dB below the unmodulated carrier (-30dBc). While the measured values seem to comply with the –30dBc limit, the limit value specified in the report does not appear to be –30dBc. The unmodulated carrier power on the plots on pages 10 and 11 show a carrier level of 13dBm. -30dBc would be a limit of –17dBm. The limits to which the device is compared for radiated emissions on page listed as –13dB. Please explain why the limit is listed at –13dBm and not –17dBm. Please correct this limit error and upload a revised report.
6 Form 731 states the rated power is .0077watts, however the measured power is .02 watts at the antenna terminal. The rated power on the 731 and the measured power need to agree. Please explain, correct and upload a revised 731 form.
7 The theory of operation calls the device the model “CS458”, however, this designation is for a transmit module contained within the device. The model number in the report states the device is the model “GS 610 VER-1 Vermeer”. The theory of operation does not agree with the schematic and its designations. Please correct the theory of operation, provide proper schematics and upload the revised documents.
8 Please provide antenna information.
9 Please provide your sample calculations used to determine the Peak Frequency Deviation used in the formula on page 8 of the report.

Dennis Ward

Dennis Ward
Dt Associates
PO Box 1644
Mariposa, CA 95338
mailto:dward@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.