

11/11

APPLICATION FOR FCC NOTIFICATION

Furuno USA Inc.

Golf Range Finder Receiver

Model: GDM-100

*Distance
Meter for
Golf*

FCC ID: ADB9ZWGDM100

Job # J98006916A

Number of Pages: 6

Date of Report: April 1, 1998

This report shall not be reproduced except in full, without written approval of Intertek Testing Services.

This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government.

The results contained in this report were derived from measurements performed on the identified test samples. Any implied performance of other samples on this report is dependent on the representative of the samples tested.



FCC Part 15 subpart B, Ver May 97
k:\..fccc\receiver.not

Intertek Testing Services NA Inc.

1365 Adams Court, Menlo Park, CA 94025

Telephone 650-463-2900 Fax 650-463-2910 Home Page www.worldlab.com

Intertek Testing Services - Menlo Park

Furuno USA Inc., Golf Range Finder Receiver
FCC ID: ADB9ZWGDM100

Date of Test: March 16-24, 1998

FCC AUTHORIZATION LETTER

Intertek Testing Services

May 15, 1998

Federal Communications Commission
Authorization and Evaluation Division
7435 Oakland Mills Road
Columbia, MD 21046

Attention: Application Examiner


Reference: Change of address for Furuno U.S.A., Inc.

Dear Sir/Madam:


Please update your records to reflect our client's new address as follows:


FROM: Furuno USA Inc.
271 Harbor Way, PO Box 2343
South San Francisco, California 94083


TO: Furuno USA Inc.
4400 NW Pacific Rim Blvd.
Camas, Washington 98607

 The FCC ID code **ADB** for this company will remain the same.

Thank you.

 Sincerely yours,

 *gcl*
Gaspara C. Lim
gcl/

 Enclosure: Authorization Letter



FURUNO U.S.A., INC.

4400 NW Pacific Rim Blvd. • Camas, WA 98607

Telephone: 360-834-9300 Fax: 360-834-9400

Internet: www.Furuno.com

May 22, 1998

Federal Communications Commission
Authorization and Evaluation Division
Laboratory Division
7435 Oakland Mills Road
Columbia, MD 21046

Dear Sir/Madam;

We, the undersigned, hereby authorize Intertek Testing Services to act on our behalf in all matters relating to applications for equipment authorization, including the signing of all documents relating to these matters. Any and all acts carried out by Intertek Testing Services on our behalf shall have the same effect as acts of our own.

We also hereby certify that no party to the applications authorized hereunder is subject to a denial of benefits, pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. 853 (a)

This agreement expires one year from the current date.

Sincerely,



Charles Zanardi
Service Manager

Intertek Testing Services - Menlo Park

Furuno USA Inc., Golf Range Finder Receiver
FCC ID: ADB9ZWGDM100

Date of Test: March 16-24, 1998

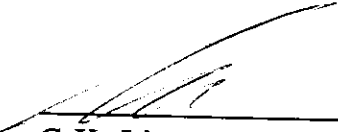
NOTIFICATION STATEMENT

This equipment has been tested in accordance with the requirements contained in the appropriate Commission regulations. To the best of my knowledge, these tests were performed using measurement procedures consistent with industry or Commission standards and demonstrate that the equipment complies with the appropriate standards. Each unit manufactured, imported or marketed, as defined in the Commission's regulations, will conform to the sample(s) tested within the variations that can be expected due to quantity production and testing on a statistical basis. I further certify that the necessary measurements were made by:

Intertek Testing Services NA Inc.

1365 Adams Drive

Menlo Park, CA 94025


C.K. Li
Engineering Manager

June 2, 98
Date

Intertek Testing Services - Menlo Park

Furuno USA Inc., Golf Range Finder Receiver
FCC ID: ADB9ZWGDM100

Date of Test: March 16-24, 1998

SUMMARY OF RESULTS

Furuno USA Inc. - Model No.: GDM-100
FCC ID: ADB9ZWGDM100

TEST REFERENCE	FCC PART	RESULTS
Radiated Emissions	15.109	Pass
AC Conducted Emissions	15.107	N/A

Test Engineer: _____
David Chernomordik

Date: _____

Engr. Mgr.: _____

C.K. Li

Date: June 2, 98

Intertek Testing Services - Menlo Park

Furuno USA Inc., Golf Range Finder Receiver
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Intertek Testing Services - Menlo Park

Furuno USA Inc., Golf Range Finder Receiver
FCC ID: ADB9ZWGDM100

Date of Test: March 16-24, 1998

1.0 General Description

1.1 Product Description

Type of product: Communications Receiver

A pre-production version of the sample was received on March 15, 1998 in good condition.

1.2 Related Submittal(s) Grants

This is a single application for Notification of a communication receiver.

1.3 Transition Provisions

The equipment is not being authorized pursuant to the transition provisions in §15.37. *new rules*

Intertek Testing Services - Menlo Park

**Furuno USA Inc., Golf Range Finder Receiver
FCC ID: ADB9ZWGDM100**

Date of Test: March 16-24, 1998

2.0 Equipment Photographs

Photographs showing the general appearance and control of the EUT are attached.

Total number of photos attached	3
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1.5 Description of receiver circuit

RF signal 429.550 MHz comes from antenna and go to Q4 via Band pass filter BPF1, RF amplifier Q3 and Band pass filter BPF2.

Basic oscillator Y2 outputs 64.09166 MHz. This signal becomes six times (384.55 MHz) by Q1 and Q2, and then input to Q4. The Mixer Q4 subtracts two signals and outputs IF signal about 45 MHz. The IF signal go to U1 via Band pass filter BPF3 and Amplifier Q5. The U1 demodulates the IF signal and modulation signal is output (AF-OUT) and its level is output (S-LEVEL).