FEDERAL COMMUNICATIONS COMMISSION
WASHINGTON, D.C. 20554

SEP 1 1994

IN REPLY REFER TO:
31030/EQU/4-2-4
1300B4

Mr. Valdis V. Liepa
University of Michigan
Radiation Laboratory
NASA/Center for Space Terahertz Technology
3228 EECS Building
Ann Arbor, MI 48109-2122

Dear Mr. Liepa:

This is in reply to your facsimile transmission of August 2, 1994, regarding the labelling of a low power communication device that will be marketed within the U.S. and Canada. You request approval to combine the labels for both countries, permitting a single label to be employed. As indicated, this combined label would read as follows:

> "This device complies with Part 15 of the FCC Rules and with RSS-210 of the Industry Canada. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation."

According to Section 15.19(a) of our rules, a low power communications device operating under Part 15 must be labelled with the specific statement contained in paragraph (a)(3). The only difference between the statement required under our rules and your proposed statement is the addition in the first sentence of the phrase "... and with RSS-210 of the Industry Canada."

I note that Kwai Lum of Industry Canada, in a facsimile to you on August 3, 1994, has already given permission to use this combined label. I also agree that the use of this combined label, as shown above, is acceptable under our regulations. This label conveys the desired information and is essentially identical to our requirement. As expressed by Mr. Lum, text denoting compliance with the standards for both countries was not stated in our rules as "it would be too presumptuous [to assume] that all products are for both markets."

I trust that the above responds to your inquiry. Additional questions should be directed to John Reed, 1300B4, at the address on the letterhead or at (202) 653-7313.

Sincerely,

for Richard B. Engelman
Chief, Technical Standards Branch
Office of Engineering and Technology

Government of Canada
Industry Canada

Gouvernement du Canada
Industrie Canada

FACSIMILE SHEET **FORMULE D'ENVOI PAR TELECOPIEUR**

TO/A: Name/Nom.....: Mr Valdis V. Liepa
Office/Bureau.: Radiation Lab, University of Michigan,USA
Tel. No./No. de tél.: Fax: 313-747-2106

FROM/DE: Name/Nom.....: Kwai Lum
Manager, Radio Equipment Standards,
300 Slater Street, 13th Floor,
Ottawa, Canada, K1A 0C8
Phone: 613-990-4699; Fax: 613-952-5108

Total pages : 1
Pages totales:

Date & time sent: August 3, 94.
Date & heure envoyé:

Our Ref : DGEP-5630-1 (RSS-210 Labelling)

This is to respond to your fax of August 1, 94 requesting that we permit a combined statement for FCC and Industry Canada on the equipment labels.

We wish to assure you that your suggested combined label that you submitted in your fax is acceptable to Canada since our standard (section 5.8 of RSS-210) allows (to quote) ".....equivalent statement....".

We have made our labelling statement as close as we can to Part 15.19(3); the differences are : we left out the word "harmful" because of difficulties in defining what is harmful. We added the phrase "of the device" to remove any possible misunderstanding.

To re-capitulate, although your proposed statement uses FCC text except for the mention of "RSS-210 of Industry Canada", we consider it to be equivalent. Our preferred text is per RSS-210; the next best is to add the word "harmful" to meet FCC requirements.

Since FCC and Industry Canada are from different countries, we do not consider it necessary to state in our separate standards a combined text. In any case it would be too presumptuous that all products are for both markets.

Our equipment certification staff will be informed of the above. We will also copy this to Mr Reed of the FCC since you said that you sent a similar fax to him.

Regards,

Kwai Lum

cc Mr John Reed (FCC OET fax 202-653-8773).
cc R. Corey (Equipment Certification).

FEDERAL COMMUNICATIONS COMMISSION
WASHINGTON, D.C. 20554

NOV 18 1994

IN REPLY REFER TO:
31030/EQU/4-2-13
1300B4

Mr. Charles B. Engelstein
President
Martec Access Products, Inc.
240 Sheffield Street
Mountainside, NJ 07092

Dear Mr. Engelstein:

This is in response to your letter of August 22, 1994, regarding the development of a wireless safety beam for use with overhead garage doors. Please excuse the delay in this reply.

You state that your system would send a RF signal during the garage door activation cycle of 7-8 seconds. Based on earlier conversations with our staff, I understand that the presence of this transmission would indicate that nothing had "broken" the "safety beam" directed under the garage door. Thus, the reception of this transmission by the garage door opener demonstrates that no person or object is in the path of the closing garage door. You request that we not restrict your system to the power limits in Section 15.209 for a continuous wave transmission under Part 15.

Section 15.231(a)(2) of our rules states that a transmitter activated automatically shall cease transmission within 5 seconds after activation. However, Section 15.231(a)(4) states that intentional radiators which are employed for radio control purposes during emergencies involving fire, security, and safety of life, when activated to signal an alarm, may operate during the pendency of the alarm condition.

I agree that the transmission described above can be categorized as a radio control signal involving safety of life. Accordingly, the 5 second transmission limit in Section 15.231(a)(2) does not apply.

I trust that this addresses your request. If you need additional information, please call me or Anthony Serafini of my staff at (202) 653-8154.

Sincerely,

Richard B. Engelman
Chief, Technical Standards Branch
Office of Engineering and Technology

Suppliers to the Access Control Industry

MARTEC

October 15, 2001

American Telecommunications Certification Body, Inc.
6731 Whittier Avenue
Suite C110
McLean, VA 22101

To Whom it May Concern:

Please be advised that Martec Access Products authorizes Valdis V. Liepa to act on our behalf, until otherwise notified, for applications submitted to American Telecommunications Certification Body, Inc. (ATCB).

We certify that we are not subject to denial of federal benefits, that includes FCC benefits, pursuant to Section 5301 of the Anti-Drug Abuse ACT of 1988, U.S.C. 862. Further no party, as defined in 47 CFR 1.2002(b), to the application is subject to denial of federal benefits, that includes FCC benefits.

Thank you for your attention to this matter.

Sincerely,

Cathie Moran

Cathie Moran
General Manager

Martec Access Products Inc.

240 Sheffield Street
Mountainside, NJ 07092
908 233 0691
FAX: 908 233 5766

UNIVERSITY OF MICHIGAN
COLLEGE OF ENGINEERING
THE RADIATION LABORATORY
DEPARTMENT OF ELECTRICAL ENGINEERING
AND COMPUTER SCIENCE

3228 EECS BUILDING
1301 BEAL AVENUE
ANN ARBOR, MICHIGAN 48109-2122
734 764-0500 FAX 734 647-2106
http://www.eecs.umich.edu/RADLAB/

Re: Certification for Martec DM-3003 Transmitter
Model: DM-3003
FCC ID: JCQ993
IC: 1907A-993

POWER OF ATTORNEY

A letter granting Valdis V. Liepa the Power of Attorney is on file and can be provided when so requested.

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Re: Certification for Martec DM-3003 Transmitter
Model: DM-3003
FCC ID: JCQ993
IC: 1907A-993

REQUEST FOR CONFIDENTIALITY

Pursuant to 47 CRF 0.459, Martec requests that a part of the subject application be held confidential. This comprises Exhibits

(5) Schematics
(10) Parts List (Part of Exhibit only)

Martec has spent substantial effort in developing this product and it is one of the first of its kind in industry. Having the subject information easily available to "competition" would negate the advantage they have achieved by developing this product. Not protecting the details of the design will result in financial hardship.

If there are any questions regarding this request, please contact me at the above address or call 734-483-4211, fax 734-647-2106 or e-mail liepa@umich.edu.

Sincerely,

Valdis V. Liepa

Valdis V. Liepa
Research Scientist
University of Michigan

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Re: Certification for Martec DM-3003 Transmitter
Model: DM-3003
FCC ID: JCQ993
IC: 1907A-993

GENERAL PRODUCT INFORMATION

The device, for which certification is pursued, has been designed by:

Martec Access Products Inc
1907A-993
240 Sheffield Street
Mountainside, NJ 07092

Cathie A Moran
Tel: 908-233-5766
Fax: 908-233-0691

It will be manufactured by:

Martec Access Products Inc
240 Sheffield Street
Mountainside, NJ 07092

Cathie A Moran
Tel: 908-233-5766
Fax: 908-233-0691

Canadian Contact:

Wayne-Dalton of Canada-Mississauga
245 Matheson Blvd East
Missisauga, ON L42 1P5