

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:

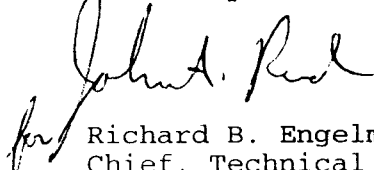
"This device complies with Part 15 of the FCC Rules and with RSS-210 of the Industry Canada. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired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

DSA - Daten- und Systemtechnik GmbH



DSA - Daten- und Systemtechnik GmbH - Pascalstraße 28 - 52076 Aachen

Federal Communications Commission

Pascalstraße 28
52076 Aachen

Telefon (0 24 08) 94 92 0
Telefax (0 24 08) 94 92 92

Ihre Nachricht

Ihre Zeichen

Sachbearbeiter

Unsere Zeichen

Datum

Thursday, May 18, 2000

Letter of Attorney

To Whom It May Concern:

Please be advised that DSA, Daten- und Systemtechnik GmbH authorizes Valdis V. Liepa to act on our behalf, until otherwise notified, for applications to Federal Communications Commission (FCC).

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,

Claus H. Meyer
ECOS Product Line Manager

DSA - Daten- und Systemtechnik GmbH



DSA - Daten- und Systemtechnik GmbH - Pascalstraße 28 - 52076 Aachen

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

Pascalstraße 28
52076 Aachen

Telefon (0 24 08) 94 92 0
Telefax (0 24 08) 94 92 92

Ihre Nachricht

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Sachbearbeiter

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Thursday, May 18, 2000

Letter of Attorney

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Please be advised that DSA, Daten- und Systemtechnik GmbH authorizes Valdis V. Liepa to act on our behalf, until otherwise notified, for applications to American Telecommunications Certification Body, Inc. (ATCB).

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Sincerely,

Claus H. Meyer
ECOS Product Line Manager



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 DSA GIGA3 Transceiver
Model: GIGA3
FCC ID: PJY003
CANADA:

REQUEST FOR CONFIDENTIALITY

Pursuant to 47 CRF 0.459, DSA requests that parts of the subject application be held confidential. These comprise Exhibits

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

DSA 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 definitely result in a 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,

A handwritten signature in black ink, appearing to read "Valdis V. Liepa".

Valdis V. Liepa
Research Scientist
University of Michigan

COMPLIANCE FOR MODULAR TRANSCEIVER DEVICE

Modular Transceiver Standards	Restrictions for DUT
(1) A modular transceiver must have its own RF shielding	Complies (See Photographs)
(2) A modular transceiver must have buffered modulation/data inputs	Complies (See Schematics)
(3) A modular transceiver must have its own power regulation	Complies (See Schematics)
(4) A modular transceiver must have an antenna which complies with the requirements of Section 15.203	Complies (See Photographs)
(5) A modular transceiver must be tested in stand-alone configuration.	Tested as Specified
(6) A modular transceiver must be labeled with its own FCC ID number, and if the FCC ID is not visible when the module is installed inside another device, then the outside of the device into which the module is installed must also display a label referring to the enclosed module.	Complies (See example label attached)



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<http://www.eecs.umich.edu/RADLAB/>

May 22, 2001

Re: Certification for DSA GIGA3 Transceiver
Model: GIGA3
FCC ID: PJY003
CANADA:

STATEMENT OF MODIFICATIONS

There were no modifications made to the DUT by this test laboratory. (Also see Section 3.1 of the attached Test Report).

A handwritten signature in black ink, appearing to read "Valdis V. Liepa".

Valdis V. Liepa
Research Scientist

DSA - Daten- und Systemtechnik GmbH



DSA - Daten- und Systemtechnik GmbH · Pascalstraße 28 · 52076 Aachen · Germany

To Whom it May Concern

Pascalstraße 28
D-52076 Aachen
Germany
Telefon +49 24 08 94 92 -0
Telefax +49 24 08 94 92 92
EMAIL dsa@dsa-ac.de

Ihre Nachricht

Ihre Zeichen

Sachbearbeiter

Unsere Zeichen

Datum

P. Mohr

May-22-2001

Re: Certification for DSA Transmitter
Model: GIGA3
FCC ID: PJY003
CANADA: to be provided by IC

GENERAL PRODUCT INFORMATION

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

Datatronic
2/4 rue Duflot
59100 Roubaix
France

It will be manufactured by:

Datatronic
2/4 rue Duflot
59100 Roubaix
France

It will be marketed and serviced by:

DSA - Daten- und Systemtechnik GmbH
Pascalstraße 28
52076 Aachen
Germany