

**FCC ID: PQ9MCW4**

## **Exhibit 1**

- a) Application overview**
- b) Equipment**
- c) Authorization Letter /Agent Designated (Jay Sarkar)**
- d) Request for confidentiality**
- e) Authorization letter from Research in Motion allowing the use of FCC approved radio modem (FCC ID: L6AR802M-2-0) in the Remtrol Wireless Data Relay**

August 16, 2001

Federal Communications Commission  
Equipment Approval Services  
7435 Oakland Mills Road  
Columbia, MD 21046

**Subject: FCC Part 90 Certification of Remtrol, Inc.'s Wireless Data Relay, model MCW4,  
FCC ID: PQ9MCW4.**

Gentlemen,

Enclosed herewith, please find an application for Part 90 Certification on behalf of Remtrol, Inc. on their Wireless Data Relay incorporating a RIM 802D Radio Modem. This is a system for wireless data communications on the DataTAC Motient wireless system. Frequency band is limited to 806 MHz to 821 MHz.

Based on the test data and in submitting this application, we are requesting for certification of the Wireless Data Relay under Part 90.

**FCC ID:** PQ9MCW4  
**PRODUCT:** Wireless Data Relay  
**MODEL:** MCW4 with a RIM 802D Wireless Modem (FCC ID: L6AR802D-2-0)  
**EUT TYPE:** Licensed Non-Broadcast Station transmitter (TNB)  
**TX Frequency:** 806 – 821 MHz  
**MEASURED ERP:** 1.349 W

Enclosed please find Letter of Authorization, Request for Confidentiality, Reports on ERP, Field Strength of Spurious Radiation, Bandwidth/ Bandwidth Limitation, and Spurious Emissions for Antenna Terminal, Frequency Stability and MPE. Also please find FCC ID Label, photographs, block diagram, schematic, technical description, parts list and tune-up procedure, user manual and the letter for FCC Part 15 compliance and an attestation letter that the MCW4 complies with Part 90.

If you have any questions or comments, please contact the undersigned.

With Best Regards,



Jayanta K. Sarkar

e-mail: [J.Sarkar@aprel.com](mailto:J.Sarkar@aprel.com)

Technical Director, Standards and Certification

**EXHIBIT 1b**  
**Equipment Identification**

**FCC ID: PQ9MCW4**

**MANUFACTURER: Remtrol, Inc.**

**PRODUCT: Wireless Data Relay**

**MODEL: MCW4**

**EUT TYPE: Licensed Non-Broadcast Station Transmitter (TNB)**

**TX Frequency: 806.00 to 821.00 MHz**

**MEASURED ERP: 1.349 W**

# Remtrol

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## Remote Monitoring and Control Solutions

July 17, 2001

Federal Communications Commission  
Equipment Authorization Branch  
7435 Oakland Mills Road  
Columbia MD 21406

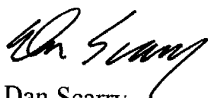
RE: FCC ID: PQ9MCW4

To Whom It May Concern:

We the undersigned, hereby authorize Jay Sarkar of APREL Laboratories, to act as agent and technical contact to FCC on our behalf in all matters relating to equipment authorization, including the signing of all documents relating to these matters. Any and all acts carried out by APREL Laboratories on our behalf shall have the same effect as acts of our own.

We also certify that no party to this application is subject to denial of benefits, pursuant to Section 301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C.853 (a).

Sincerely



Dan Scarry  
President

# Remtrol

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## Remote Monitoring and Control Solutions

Date: July 17, 2001

Federal Communications Commission  
Equipment Authorization Branch  
7435 Oakland Mills Road  
Columbia MD 21406

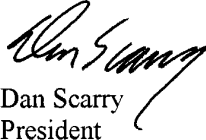
In regards to: Remtrol, Inc.  
FCC ID: PQ9MCW4  
Description of Product as it is to be Marketed: Remote Monitoring Unit  
Model: MCW4  
Request for Confidentiality

Gentlemen:

In accordance with 0.459 of CFR 47, Remtrol, Inc. hereby requests confidentiality of the Block Diagram, Schematic Diagrams and Parts List for the MCW4.

These documents contain detailed system and equipment description and related information about the product which Remtrol, Inc. considers to be proprietary, confidential, and a custom design and, otherwise, would not release to the general public. Since this design is a basis from which future technological products will evolve, Remtrol, Inc. considers this information would be of benefit to its competitors, and that the disclosure of the information in these documents would give competitors an unfair advantage in the market.

Sincerely



Dan Scarry  
President



Research In Motion Limited  
295 Phillip Street  
Waterloo, Ontario  
Canada N2L 3W8  
+1 519 888 7465, fax +1 519 888 6906  
E-mail: [info@rim.net](mailto:info@rim.net)

August 14, 2001

Federal Communications Commission  
Equipment Authorization Division  
Application Processing Branch  
7435 Oakland Mills Rd.  
Columbia, Md. 21046

To whom it may concern,

Remtrol, Inc., of San Luis Obispo, CA, is our customer in good standing and will be producing a Wireless Data Relay product which incorporates the RIM 802D radio modem module (FCC ID L6AR802D-2-O).

Remtrol, Inc. will be submitting an application for certification of the final integrated product with a unique FCC ID using their own grantee code. Remtrol, Inc. will submit SAR and ERP data for the final integrated product. For information about the radio modem module please refer to RIM's submission FCC ID L6AR802D-2-O.

In the past, this method has allowed our customers to integrate the radio modem module without repeating FCC part 90 testing or accessing RIM proprietary confidential information. RIM does not disclose proprietary confidential information about our products. Our FCC submissions are considered proprietary confidential information.

Should you have any questions, please do not hesitate to contact our Senior Certification Engineer, Masud Attayi, at (519) 888-7465 x2442 or by email at [mattayi@rim.net](mailto:mattayi@rim.net).

Yours truly,

A handwritten signature in black ink, appearing to read 'Andy Clipsham'.

Andy Clipsham  
OEM Product Manager  
Research In Motion Limited  
+1-519-888-7465 x2482  
[aclipsham@rim.net](mailto:aclipsham@rim.net)