



February 23, 2007

**Timco Engineering Inc.**

849 N.W. State Road 45

P.O. Box 370

Newberry, Florida 32669

FCC ID: P2SNTGR900G

IC: 4171B-NTGR900G

Dear Sir:

The following application is submitted on behalf of our client, Neptune Technology Group, Inc. for model R900G for a permissive change class II in accordance with FCC CFR 47 Part 2 and RSP-100 for Industry Canada.

The R900G is a transmit-only meter module that collects and transmits metering data utilizing the 902 - 928 MHz frequency band for collection by Gas utility companies. Modifications to the originally certified device fall under the permissive change equipment authorization procedure.

Modifications to the originally certified device include the following:

(1) Component level additions/changes for the purpose of increasing the filtering on data and power supply lines. Resistors were also added on data lines to form a LPF.

(a) Additions: C31, C34, C59-C71, 73-C86, L12, FB3, R25-R28, R37, R38

(b) Value adjustments

C10 to a 1.3 pF - Antenna tuning

C29 to a 1.2 pF - Antenna tuning

C21 to a 120pF – Filtering

C35 to a 22000 pF - data shaping

R16 to 470 ohm – data shaping

(2) Layout level changes include traces moved to increase separation and reduce coupling

(3) Electrical design Changes to the digital section include a 32kHz digital loopback circuit.

The device was evaluated to those characteristics which could be affected by the changes. Characteristics evaluated include output power, bandwidth, and both intentional and unintentional radiated emissions.

Sincerely,

Kirby Munroe

Manager, Wireless Certifications