EXHIBIT I

POWER CHANGE

8. Application for Modification: Check the box beside all particulars to be modified. Check either addition or replacement to indicate whether the change is an addition or a replacement of parameters in the current authorization.

☐ FREQUENCY – ☐ addition or ☐ replacement?

☐ EMISSION – ☐ addition or ☐ replacement?

☒ POWER – ☐ addition or ☒ replacement?

☐ LOCATION – ☐ addition or ☐ replacement?

☐ OTHER PARTICULARS - addition or replacement? (Describe below or in attached EXHIBIT No. _____)

Particulars of Operation (see instruction below)

Frequency (state whether khz or MHz) (A)	POWER (B)	POWER (C)	POWER (D)	EMISSION (E)	MODULATING SIGNAL (F)	NECESSARY BANDWIDTH (KHz) (G)
935-940 MHz	35 W	75 W	Mean	20K0F3E	3 KHz	20 KHz
			Mean	NON	None	1 KHz

(A) List each frequency or frequency band separately. (If more space is required, attach as EXHIBIT No._____)

(B) Insert maximum R.F. output power at the transmitter terminals. Specify units.

(C) Insert maximum effective radiated power from the antenna (If pulsed emission, specify peak power). Specify units.

(D) Insert "MEAN" or "PEAK" (See definitions in Part 5).

(E) List each type of emission separately for each frequency. (See Section 2.201 of FCC Rules.)

(F) Insert as appropriate for the type of modulation:
(1) the maximum speed of keying in bauds;
(2) maximum audio modulating frequency;
(3) frequency deviation of carrier;
(4) pulse duration and repetition rate.
For complex emissions, describe in detail in the space provided below.

(G) Describe how the necessary bandwidth was determined in space provided below.

EXHIBIT I (con't)

NEW FREQUENCIES

8. Application for Modification: Check the box beside all particulars to be modified. Check either addition or replacement to indicate whether the change is an addition or a replacement of parameters in the current authorization.

☒ FREQUENCY – ☒ addition or ☐ replacement?

☐ EMISSION – ☐ addition or ☐ replacement?

☐ POWER – ☐ addition or ☐ replacement?

☐ LOCATION – ☐ addition or ☐ replacement?

☐ OTHER PARTICULARS - addition or replacement? (Describe below or in attached EXHIBIT No. _____)

Particulars of Operation (see instruction below)

Frequency (state whether kHz or MHz) (A)	POWER (B)	POWER (C)	POWER (D)	EMISSION (E)	MODULATING SIGNAL (F)	NECESSARY BANDWIDTH (kHz) (G)
60-87 MHz	100 W	100 W	Mean	NON	None	1 KHz
			Mean	20K0F3E	3 KHz	20 KHz
120-130 MHz	100 W	100 W	Mean	NON	None	1 KHz
			Mean	20K0F3E	3 KHz	20 KHz
1477-1525 MHz	10 W	10 W	Peak	NON	None	1 KHz
			Mean	20K0F3E	3 KHz	20 KHz
			Peak	30K0F9W	3 KHz	30 KHz
1805-1850 MHz	10 W	10W	Peak	NON	None	1 KHz
			Mean	20K0F3E	3 KHz	20 KHz
			Peak	30K0W9W	3 KHz (TDMA)	30 KHz

(A) List each frequency or frequency band separately. (If more space is required, attach as EXHIBIT No._____)

(B) Insert maximum R.F. output power at the transmitter terminals. Specify units.

(C) Insert maximum effective radiated power from the antenna (If pulsed emission, specify peak power). Specify units.

(D) Insert "MEAN" or "PEAK" (See definitions in Part 5).

(E) List each type of emission separately for each frequency. (See Section 2.201 of FCC Rules.)

(F) Insert as appropriate for the type of modulation:
(1) the maximum speed of keying in bauds;
(2) maximum audio modulating frequency;
(3) frequency deviation of carrier;
(4) pulse duration and repetition rate.
For complex emissions, describe in detail in the space provided below.

(G) Describe how the necessary bandwidth was determined in space provided below.

EXHIBIT II

The license is for mobile radio transmitter tests where evaluations of the compatibility of automotive electrical/electronic systems to the mobile radio environment are conducted.

The tests performed consist of transmitting in the mobile radio frequency bands using antennas installed on the vehicles. Mobile radio transmitters that are installed on the vehicles feed the power to the antenna. Vehicle performance is evaluated by exercising the electrical/electronic systems on the vehicle and simultaneously transmitting in the mobile radio frequency bands. Vehicle performance is then evaluated to determine if hardening of any electrical/electronic system is required.

Testing is performed sequentially on all frequencies and totals approximately three hours/month per frequency.

Two documents have been generated as a result of this work, a General Motors Specification and a "Mobile Radio Installation Guideline". The test specification is a confidential document and is not published. The installation guideline is a document created to instruct radio transmitter users on how to properly install their radios on vehicles to avoid electromagnetic compatibility problems. The installation guideline has been the subject of articles published in Communications Quarterly (CQ), OST, Radio amateur du Quebec and the ARRL RFI Book. No patents have been issued as a result of this experimental work.

EXHIBIT III

All bands are for experimental use. Testing will simulate equipment only commercially available in Europe. All emissions will be filtered to eliminate harmonics and spurious emission in accordance with FCC requirements. Testing will be performed using the following equipment:

MANUFACTURER	MODEL NUMBER	NO OF UNITS
Hewlett-Packard (Signal Gun)	HP 8657B	1
Amplifier Research (Amplifier)	400 HB	1
Bird (Power Meter)	4421	1
GM (Monopole Antenna)	None	1

RF amplifier for 60-87 MHz and 120-130 MHz - IFI Model 406
RF amplifier for 1805-1850 MHz - Logimetrics Model A650

Equivalent equipment will be used in case of non-availability of the equipment listed above.