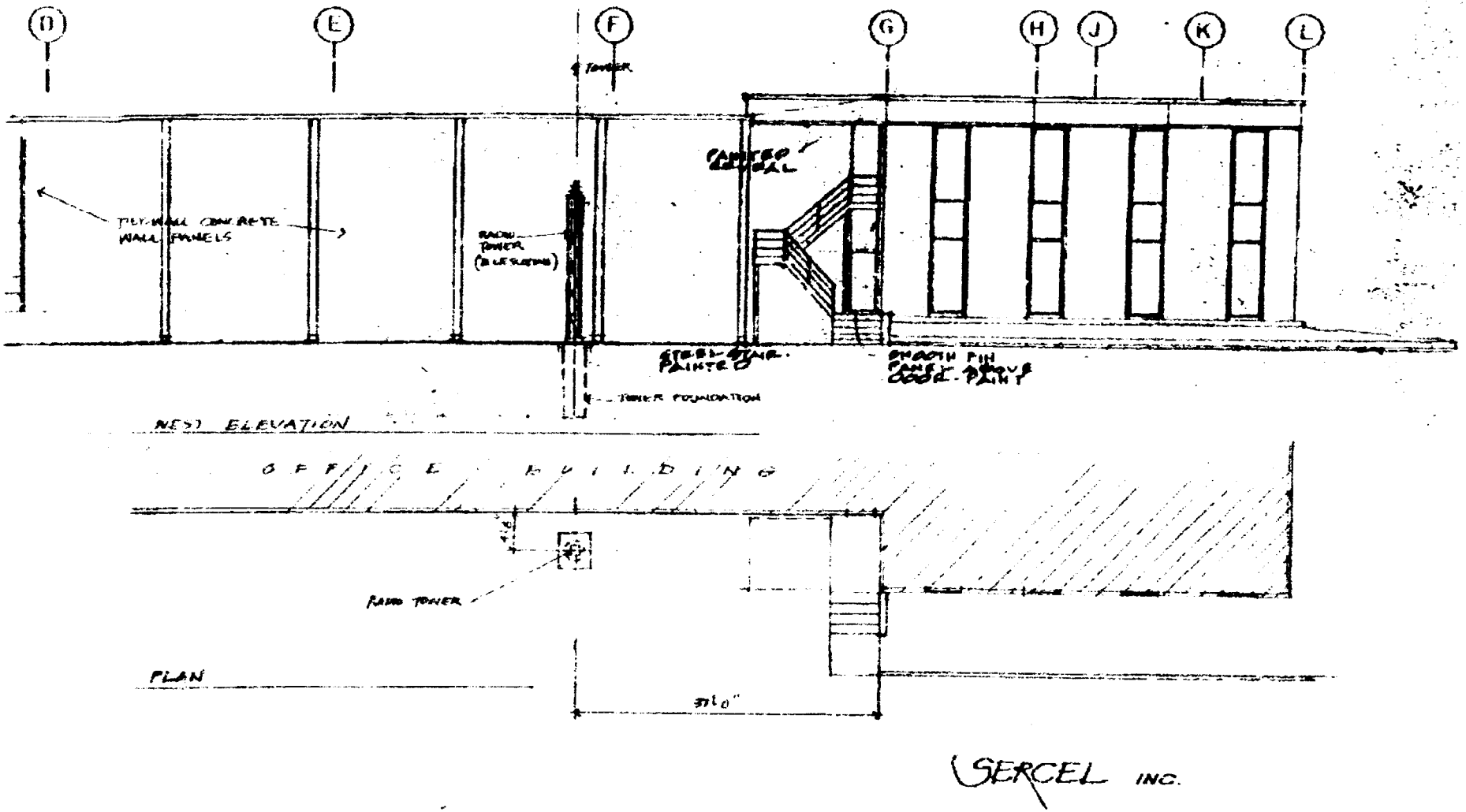

GERCEL INC.

Exhibit No 1

Application for New or Modified Radio Station Authorization under Part 5 of FCC Riles – Experimental Radio Service (Other than Broadcast)

Exhibit #2

Sercel, Inc. is a well-recognized leader in the international oil exploration market. Its manufacturing and business Headquarters are based in the state of Texas. The products herein described are specifically geared to the International market.

The items of information relating to FCC Special Temporary Authority are listed as follows.

1. Name and address of applicant:

   Sercel, Inc. 17200 Park Row
   Houston, TX 77084
   Telephone (281) 647- 7416

2. Explaining business or activity of applicant:

   Sercel, Inc. manufactures the oil exploration equipment (system) used to evaluate geological characteristics beneath the earth for petroleum research. The equipment is used in oil and natural gas exploration for a seismic data acquisition employing RF telemetry. Sercel, In. designed and manufactured the radio equipment (system) of Type Accepted FCC ID: KQ 9816, KQ9819, KQ9901 and KQ9902 under FCC rule part 90.259. In the international market there are many such system employed.

3. Description of special temporary authority need:

   The equipment (system) relating to FCC Special Temporary Authority is a new RF equipment (system), LRU used for either a seismic data acquisition or a radio repeater. It is required the sensitivity and Bit Error Rate (BER) test at the frequency range of 216 - 240 MHz. Due to a request from the international customer (not in US) wanted to have two different Sercel systems working on the same frequency band at the same time the equipment (LRU) is required some frequency isolation, spacing and filtering test. Two data rate will be employed to measure its BER of 10E-6. A 2x 1024 kbps rate will be tested for a radio relay at the distance of 6.25 – 10 miles (10 – 16 km). Another 2x 256 kbps rate will be measured for data acquisition equipment at the range of 10 – 15 miles (16 – 24 km).

   Tested equipment (LRU) will be used for both a members combined with currently manufacturing seismic data acquisition equipment family (KQ9816,

KQ9819, KQ9901 and KQ9902) and a part of designing new high data rate acquisition system.

4. Type of operation to be conducted:

   A field test of equipment (LRU), featuring advanced DSP (digital data processing) technology, for seismic field-acquisition operations. The LRU sends operational commends to a field remote unit. In response, the remote unit acquires seismic data and transmit it back to the LRU, on command from the LRU, for subsequent processing. Data transmission is achieved using RF telemetry or a combination of RF and wireline telemetry.

5. Explanation of how facilities will be used:

   The LRU is used for a radio relay. At the same time it and other seismic data acquisition equipment (system) located at around 600 to 1000 ft from one of two LRU are working at the same frequency band. Check their effects on each other and test if required some additional filtering to guarantee a BER of E10-6.

6. Times and dates of operation:

   February 20 to March 1, 2001.

7. Class of station and Radio service:

   Two LRUs is used for two fixed stations of radio relay point to point. The transmitter modulation scheme employs QPSK technology. In addition there are two remote units (also fixed station). No mobile stations.

8. Location of test:

   The measurement uses flat open area test site, located in the North West of Houston, Harris County, Texas. The North Latitude is 29°47'30" to 30°0'0" and the West Longitude is 95°40'53" to 95°50'91". The elevation of the ground of the test site is the 120 to 190 ft above mean sea level. There are no obvious obstacles such as tall multi-story buildings, big water tank and heavy dense trees at the surrounding the test site.

9. Number of fixed transmitters and mobile unit:

   Two fixed transceivers with filtering and 0 mobile.

10. Operating frequencies:

    The frequencies utilized by the tested equipment are selectable by the system operator at the Control Unit between 216 - 240 MHz. This frequency range is only for the test. After test operation within the Continental US is approved for 216-220 MHz on a secondary basis. The higher frequencies are used elsewhere around the world.

11. Output power and ERP of transmitters:

    Output power 40 dBm and ERP 50 dBm.

12. Proposed type of emission:

    In the test equipment (LRU) the transmitter employs QPSK modulation scheme. The emission designator: 200KG1D

13. Description of antenna:

    Employed antenna for the test will be a directional 7-element Yagi antenna with a gain of 10.5 dBi and a 3-dB beam width of 57 degrees (E-plane). The antenna mast is 25 ft (8 m) high above ground level . Operating range can be up to approximately 15 – 18 miles, depending on atmospheric conditions.