

Wireless Systems

®
A Division of ADC Telecommunications, Inc.

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EXHIBIT 1

The equipment's scope of service will be in accordance with FCC Rules Part 5, Paragraph 5.202(d) Technical demonstrations of equipment or techniques, (f) Demonstration of equipment to prospective purchasers for proposed stations in existing services by persons engaged in the business of selling radio equipment, (g) Testing of equipment in connection with production or type approval of such equipment and (I) Development of radio technique, equipment, operational data or engineering data related to an existing or proposed radio service, of CFR 47.

The unit consists of a mobile data base station conforming to CFR 47, part 90. The airlink used is 9600 baud data using Filtered 4 level FSK modulation. The filter bandwidth X bit time is 0.7. There are three time slots to handle both voice and data within the 9600 baud rate. Base to mobile frequency is any 25 KHz channel in 851-866 MHz range. Mobile to base is the corresponding 25 KHz channel in the 806-821 MHz range.

In order to insure that no interference is created, a spectrum analyzer is employed to continually monitor this frequency band and, when approved, we will avoid any conflicting frequencies at all times.



Don H. Beardshear
Manager, Mechanical Engineering