

Exhibit 1

Interwave Communications is developing cellular basestation equipment for the commercial market. The equipment characteristics conform to the CDMA2000 standard, published by 3rd Generation Partnership Project 2 (www.3gpp2.com).

Interwave is also developing a soft switch and packet data server node (PDSN), which are used to interface basestations to the public telephone network and to the internet respectively.

The Interwave product architecture is unique in that the system is based upon IP (internet protocol) networking. Data links between internal elements within the basestation, data links between various basestations, and data links between basestations and switch, PDSN are all using IP. This results in a much lower cost and more flexible network than traditional ATM or circuit switched methods.

The Interwave basestation supports three sectors, each sector with main and diversity directional antennas. Each sector nominally covers 120 degrees.

The basestation equipment consists of a chassis containing a card cage and an RF subsystem. The cardcage has circuit cards performing network interface, basestation control, packet processing, CDMA modulation/demodulation, up and down conversion to operating frequency, timing and synchronization, and power supply functions.

The RF subsystem consists of a chassis containing transmit amplifiers, filters, antenna ports, cooling system, power supply and monitoring unit. Each sector has a transmit amplifier producing 20W average power at the main antenna ports. Main antenna ports are used for receive and transmit, and diversity antenna ports are used for receive only.

The objective of the experimental license is to allow testing of basestation system, including switch and PDSN. This will allow testing of system capacity, RF coverage, call soft-handoff between sectors, and data call rates, to ensure this product and architecture meet commercial standards for capacity, reliability and quality of service.

Prior to anticipated operation under FCC experimental license, this equipment will be tested by an independent lab to verify compliance with FCC part 22H, part 24E, and UL safety requirements.