Exhibit 2 – MODULATING SIGNAL DESCRIPTION

The transmitted signal is a single sideband (SSB) modulated signal with suppressed carrier, with a bandwidth of not more than 3.0 kHz, restricted to the interval from fc + 300 Hz to fc + 3300 Hz (USB) or fc -300 Hz to fc – 3300 Hz (LSB).

The signal itself may include any of the following:

A single-frequency CW tone, which may or may not be further modulated using on-off keying.

A Gaussian noise signal, bandpass filtered to limit it to the 3.0 kHz desired band.

A baseband carrier signal at fc +- 1800 Hz, modulated using PSK (phase shift keying) at 2400 symbols per second (2400 baud), and bandpass filtered to limit it to the 3.0 kHz desired band.