

MISC. EXHIBIT: RF EXPOSURE INFORMATION [2.1093(c)]

The manufacturer and applicant:

FLEETWOOD GROUP Inc.
P.O. Box 1259
Holland, Michigan 49422-1259

Product:

FHSS Reply IQ Keypad Transceiver
Model: IQK1000-9SS-C

Applicable Rules:

47CFR Part 15.247

Pursuant to 47CFR Part 1.1307(b), 47CFR Part 2.1091(c), and 47CFR Part 2.1093(c) this transmitting device, compliant to 47CFR Part 15.247, is categorically excluded from evaluation regarding the Maximum Permissible Exposure of RF energy.

In addition and as evidence of compliance to the RF exposure guidelines:

This portable device has intermittent usage. The actual 'on time' on any one frequency is short, (worst case is 8.5mSec in approximate 605mSec period).

This device was measured to have a field strength level of 108.3dBuV/m at distance of 3 meters.

108.3dBuV/m is 0.26 V/m field strength. [$\text{antilog}(108.3/20) / 1000000 = 0.26$]

A field strength of 0.26V/m at 3meters suggests an EIRP of 20.3mW (0.02W). [refer to formula 2 below.]

Supplement C to OET Bulletin 65 indicates a device of EIRP < 0.3W is not expected to exceed MPE limits and special instructions and warnings are not be necessary.

Formula 2: Effective Radiated Power

$$PG = \frac{(E*d)^2}{30}$$

$$E = \text{antilog}(\text{FS}(\text{dBuV/m}) / 20) / 1000000$$

$$d = 3 \text{ meter}$$