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21046
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7th February 2013

Certification of Product to FCC R & R's, Part 15 Subpart C
Multitone EkoTek Pager - E86EKOPAG

Dear Sirs,

We wish to make application for the Certification of the above referenced equipment, as an addition to our EkoTek Series of products, under the auspices of R & R Part 15, Subpart C, Section 15.247. The original equipment series certification was completed in 2007 under the references, EA685490, EA887965, EA268962 & EA576475. The main system descriptive data may be found in the copy of the System Manual supplied.

The device that is the subject of this application is the EkoTek Pager **EKOPAG** 2-Way Pager/personal alarm. This is a portable device worn/carried by personnel, which supports deliberate alarm, location call generation and dead-man/man-down activation. The equipment incorporates an LED; a buzzer and vibrate motor to provide status and assistance indication and it also has the added benefit of an alphanumeric display with priority coloured backlighting. This display enables the viewing of the system response calls to other devices, messages from the HUB web-server and also messages from any external system, connected via the HUB Serial Port.

SDR - This equipment may be classed as a Software-Defined Radio. It may be further broadly classified as a Client device, in that it requires activation either manually from its own internal switch devices, or through the reception of a signal from either a HUB, or Repeater unit.

It is intended that the control of the software that is used to define the radio parameters for this product, be retained within Multitone. Each unit will be pre-programmed before dispatch and the only radio parameter which may be changed during installation, is the default RF channel within the band (see System Installation & Configuration Manual with original HUB submission).

As stated above, each equipment is pre-programmed before dispatch and at this time no other external access is to be allowed to the RF parameter software, apart from setting the default RF channel during network installation. The only accessible software control is for network parameter setting.

Software Control - The software which controls the RF parameters for all the EkoTek system products is Multitone proprietary and is controlled by the company development group and company QA procedure P020/02, which forms part of our ISO 9001certification.

Servicing - It is not intended that the EKOPAG Pager product be field serviceable. It will be either returned to Multitone, or our agents, for repair and/or replaced with another unit.

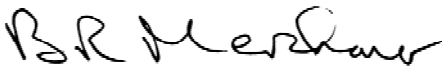
RF Exposure - The nominal RF ERP of the device is 10mW. This falls below the lower threshold category for General Population exposure (for *f* 2.4GHz, 25mW) for *d* <2.5cm. The product is intended to be carried by personnel, either belt-mounted, or in a suitable pocket.

Confidentiality - We wish to request Permanent Confidentiality for parts of this item under the terms of R & R 0.457 and as denoted on the Form 731, please see separate request letter.

Documentation - Attached is product specific documentation, this may read in conjunction with the generic data sheets and overall system documents attached to the original EkoTek system HUB application.

I trust that the information supplied is sufficient to cover your requirements, but if you need any further please do not hesitate to contact me. E-mail is probably the most efficient route.

Yours sincerely,



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