

Date: September 20, 2002

To: Federal Communications Commission

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Subject: Cover Letter for Form 731 Submission EA691994

In this application, we are seeking approval for the Pat Motion Alert Transmitters under Section 15.249. The Motion Alert Beacon is an alarm that gets placed on a moving load, typically a crane. An operator uses a wireless Control Unit transmitter to activate the Beacon remotely, either with the standard unit that is powered by the machine, or with a battery powered portable transmitter. The system is based on the Linx ES series RF Modules. Sheet two of this letter has more information on the product.

In form 731, the wrong classification may have been selected. It was submitted under DXT –Part 15: Low power transceiver, Rx verified, but the control unit is only a transmitter. The correct classification may be the DXX classification for a Low power communication device transmitter.

Please call me if I can provide any additional information.

Thank you.

Motion Alert

Product Description:

The Motion Alert protects personnel and loads. The brightly colored, loud, flashing beacon is attached to a moving load on a crane or other load-moving equipment. This beacon is wirelessly controlled by the equipment operator, who can then draw attention to the actual danger – the otherwise silent, moving load.

The alarm signal is 8¼” long and weighs less than 3 pounds. Its case is designed with multiple fastening points for carabineer clips or nylon straps, allowing easy on/easy off and ensuring the beacon gets used consistently.

Features and Benefits of the Motion Alert

Feature: Motion Alert beacon is attached to the moving load

Benefit: Attention is drawn to the location of the potential hazard

Feature: Operator controlled via wireless controller

Benefit: Allows operator to trigger alarm with the touch of a button before or during load movement, alerting personnel near the load without distracting the operator from equipment operation.

Feature: Flexible mounting options via numerous fastening points on beacon

Benefit: The Motion Alert beacon is quickly and easily attached/detached from moving loads using common attachments such as carabineers or nylon straps.

Feature: Operator can select visual and/or audible alarm for Motion Alert beacon

Benefit: The alert can be tailored to different situations.

Feature: Both the Motion Alert beacon and controller use standard batteries

Benefit: Lasting 1-3 months depending on use, these battery powered models are ready to use out of the box and require no additional recharging hardware or external wiring.

