

From: Mark Del Bianco

To: Nimesh Sangani

Date: August 17, 2021

Subject: Additional Information Request

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Message:

Lifeseeker is a standalone search and rescue device that locates the mobile phone of a lost or injured person. Each Lifeseeker model performs geolocation and targeted terminal connection for a specified mobile phone (whose IMSI or IMEI is known). The device first scans the GSM, UMTS and LTE spectrum bands in order to get information about real Base Transceiver Stations (GSM BTSS / UMTS nodeB / LTE e-nodeB) present in the search environment. Lifeseeker scans for and decodes all GSM, WCDMA and LTE signals generated by network operators' BTS in the search area. After analyzing the results of the scan, the Lifeseeker device generates a non-interfering signal that is aimed specifically at the target mobile phone. The target phone will connect to the Lifeseeker transmission and Lifeseeker can triangulate the phone's location. Lifeseeker does not interfere with public network communications or any other mobile phones. Throughout the search and geolocation process, the Lifeseeker does not connect to or block other nontargeted phones, which remain connected to a real BTS.

Requested corrections to the application have been made. The correct coordinates are: 34°26'23.5"N 119°46'52.5"W, and the closest town is Santa Barbara, CA. The device will be mounted in a helicopter operated at altitudes from 300 feet to 2000 feet above ground level.