

**Robert Bosch, GmbH**  
**Request for Grant of Special Temporary Authority**  
**File No. 1250 - EX-ST-2017**

**Narrative Exhibit Describing Operation**

This application, filed by Robert Bosch, GmbH, an international manufacturer of tools, automotive equipment and consumer products, requests special temporary authority during a 40-day period beginning October 9, 2017 and ending November 18, 2017 to operate a composite device in the United States used to track the location of transport containers while in transit.

The device is a composite device called a Gateway, which incorporates a GSM Quadband mobile phone and a GPS receiver, which also has 802.15.1 Bluetooth (2.4 GHz) capabilities. It is to be mounted in transport containers with the purpose of tracking their location. The device is not used for inventory control. The tracking information gathered by the Gateway will be uploaded to a Bosch server. The Gateway is also capable of receive-only information collection from sensors transmitting at 2.4 GHz according to 802.15.1 to record temperature and shock monitoring values, but those sensors are not included as part of this test.

It is proposed to deploy three of these Gateway devices in three different shipping containers to arrive at the Harbor at Charleston, South Carolina where the containers will be deconsolidated. The transported goods, including the Gateways, will be transported by truck to the Bosch plant in Florence, Kentucky, which is the final destination.

The devices will operate in the GSM bands with transmit at 824-849 MHz, 880-915 MHz, 1710-1785 MHz and 1850-1910 MHz using a 300KGXW emission (GSM cellular). There are two power levels. For the 850 and 900 MHz bands, 2 watts and in the 1800 and 1900 MHz bands, 1 watt. Antenna gain is less than 1 dBi.

The Stop Buzzer contact in the United States is Mr. Bryan Newman, whose direct phone number is 859-653-6074. He is located in Florence, KY and is an employee of Bosch.

Should any question arise concerning this application, kindly notify undersigned counsel.

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