

To: Jim Perkins
E-Mail: jim.perkins@gtri.gatech.edu
From: Doug Young
Date: July 07, 2017

Subject: Request for Info - STA File #0764-EX-ST-2017

Message:

The FCC's International Bureau (IB) has reviewed the subject request and has the following comments:

We found two satellite operators using the 5100-5250 MHz band for FSS satellite operations. Also, please note that the 5100-5250 MHz band is not allocated for radiolocation service.

Prior to the Grant being issue, applicant must coordinate with Globalstar. Below is the Globalstar contact person.

Name: David Weinreich
Company: GlobalStar
Email: David.Weinreich@globalstar.com

For operations in the 5850-5900 MHz band, FCC has a number of satellite licenses operator in this part of the band and will need to assess the potential interference impact to the satellite operations.

Applicant please provide the following information:

- 1) the antenna pattern or representative antenna pattern in 2-dimensional front-to-back ratio (F/B) in the horizontal and vertical (in Polar Coordinates).
- 2) radar max duty cycle and typical duty cycle (or pulse widths and pulse repetition frequency).
- 3) peak power
- 4) search volume
- 5) dwell time between pulses
- 6) is the radar capable of sector blanking?
- 7) can operations be restricted to avoid certain directions?

The items indicated above must be submitted before processing can continue on the above referenced application. Failure to provide the requested information within 30 days of July 07, 2017 may result in application dismissal pursuant to Section 5.67 and forfeiture of the filing fee pursuant to Section 1.1108.

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Responses to this correspondence must contain the Reference number : 37829