

From: David Weinreich

To: Doug Young
Date: February 08, 2018

Subject: Request for Info - File # 0595-EX-CN-2017

Message:

To: Doug Young

From: David Weinreich - Globalstar, Inc.

Ref: #40254 FCC Request for Info from FCC OET, dated 1/9/2018
File: 0595-EX-CN-2017
Subject: Rationale for using "2483.5 to 2495MHz" for Globalstar Companion License Application

Message:

The current FCC license for the Globalstar system only covers communications with earth-based terminals. The purpose of the Globalstar Form 442 Application, File# 0595-EX-CN-2017, was as a "Companion" to the experimental license request submitted by LCF Enterprises for the DAVINCI CubeSat (File 0216-EX-CN-2017). The Globalstar application requests authorization to temporarily augment the existing blanket license so as to provide service to the DAVINCI CubeSat. There are no changes required in any of the parameters of the Globalstar system to handle a space-based terminal; the application is required simply because the current blanket authorization does not cover terminals in space.

1. The initial frequency request was an error. There is no L-band transmitter on Globalstar satellites, so it was incorrect to request authorization for 1615-1617.75MHz transmissions from the Globalstar constellation.
2. For this reason, we changed our frequency request to be 2483.5-2495MHz, which is the spectrum used by the Globalstar constellation to transmit information to Globalstar terminals.

If further information is required please contact me at david.weinreich@globalstar.com.

Please confirm receipt of this e-mail.

Best regards,
David Weinreich