

From: David Siddall

To: Doug Young

Date: June 06, 2017

Subject: Request for Info - STA File #0671-EX-ST-2017

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Message:

The information below is submitted by Northrop Grumman Systems Corporation in addition to that submitted with the application in Exhibits 1 and 2, and is in response to the request for additional information related to requested operations in the 12910 to 144485.42 MHz range.

The emitter is ground based. It is located at a single position each time it operates. The equipment is not moved simply or quickly inasmuch as it consists of a van, 2 antenna trailers, and a generator trailer. The primary location is the one in the application. We requested a 2-mile radius so that we could change location slightly if some external agency needed us to move on a temporary basis.

The system points at the aircraft based on position information sent from the aircraft for this purpose. The system will point to the east, primarily between 020° and 160° true from the given location and will follow the aircraft through its flight path. The aircraft typically will be at an altitude of 43,000 feet between 20 and 80NM from the system flying in varying patterns based on the experiment being conducted.

Information requested with regard to other frequencies in the application will be submitted shortly.