

To: Maria Browne
E-Mail: mariabrowne@dwt.com
From: Anthony Serafini
Date: December 09, 2015

Subject: Request for Info - File # 1200-EX-ST-2015

Message:

We received the following concerns from NTIA. Please respond to the following:

Air Force

Request requestor provide equipment specifications and/or verify the frequencies/frequency range being used during testing. The range listed on the subject STA if very wide.

The FAA non-concurs with 1200-EX-ST-2015 due to lack of sufficient technical information for de-confliction.

The proponent's system overlaps across several aviation-related bands, and due to the close proximity to major airports (Dulles Int'l, Charlotte Isn't, Tijuana Isn't), there is a high risk of radio interference. Also, the proponent needs to provide additional technical data (antenna characteristics, pulse repetition and duration, step intervals, etc.) so a proper, full analysis may be performed. The FAA needs to know (1) if the full energy of the signal is directed downward, and if there are any significant side or back lobes that could create harmful interference to aviation, and (2) if frequency notching can be performed for this GPR. Finally, two of the locations will require Mexican coordination due to operations in AAG bands.

The FAA may change our position to concurrence if the proponent provided the requested information, and if the technical conclusions indicate no risk to aviation related radio operations.

CG

ITU Radio Regulations protects the below listed Distress/Search and Rescue frequencies from any possible causes of interference.

M121.5	AERO SAR
M123.1	AERO SAR
M156.8	Channel 16 International Calling and Distress
M156.525	Channel 70 Digital Select Calling (DSC)
M161.975	AIS I
M162.025	AIS II
M243.0	Aeronautical Search and Rescue
M282.8	Search and Rescue

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 December 09, 2015 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 : 30359

