

From: Jill Herbert

To: Anthony Serafini

Date: September 08, 2010

Subject:

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Message:

Question 1) Will your testing be completed in March? If you expect to operate after that, you should file for the longer 2 year license using Form 442.

Response to Question 1) Yes, the STA form was filled out at the request of our equipment provider by mistake. We should have filled out form 442 as we will need this system to function until the end of our USDOT sponsored project (approx. 2 years).

Question 2) Please submit a copy of your responses to the NTIA criteria for gps rerads under section 8.3.28 of the NTIA manual.

Response to Question 2) I will try to provide details to the 9 items in section 8.3.28 shown below

- 1) GPS rerad system will be used in a 24'x32' laboratory that is enclosed with no windows. We have no plans and no reason to use the system outdoors.
- 2) Application is for an L1 frequency GPS rerad system. System will be used to facilitate a USDOT sponsored research project involved Vehicle-Vehicle wireless communications and GPS. V2V communications hardware requires GPS PPS sync to function indoors.
- 3) This is understood and approved.
- 4) This is understood and approved. We will fill out form 442 for up to 2 years of licensing.
- 5) The laboratory will be in a free-standing office building located in an industrial park. Rerad interference should not be an issue given the proximity to neighboring office buildings.
- 6) This is understood. We have provided the rerad specification given by the supplier with the application showing adherence to the specification.
- 7) We will post signs in the office building and on the exterior facility wall informing GPS users that they may experience interference.
- 8) This is understood. Use will be limited to GPS related research activities.
- 9) A research engineer will be available by phone or email at all times to support this license.