

From: Daniel Jablonski

To: Behnam Ghaffari

Date: March 21, 2012

Subject: FCC File No. 0110-EX-ST-2012

Message:

Here is the endorsement that my sponsor, Dr. Lisa Mazzuca of the Goddard Space Flight Center, authorized me to send to you in response to your request for a) a government endorsement and b) further explanation of the purpose of the STA.

Thanks,

Dan Jablonski
JHU/APL
240-228-6907

Re: Renewal of Special Temporary Authorization (STA) for the Johns Hopkins Applied Physics Laboratory, file number 0372-EX-ST-2011, associated with call sign WE9XYW and correspondence reference number 16250 and confirmation number EL14892

To whom it may concern,

Dr. Daniel Jablonski of JHU/APL has been supporting NASA's research, test, and evaluation efforts for the Distress Alert Satellite System (DASS), a transitional replacement for the Cospas-SarSat system. In support of DASS ground station operations at NASA's Search and Rescue Laboratory at Goddard Space Flight Center, Dr. Jablonski is making band edge measurements at the upper side of the 406.0 - 406.1 MHz Cospas-Sarsat band. The purpose is to characterize the sensitivity of SAR payloads on LEO, GEO, and MEO (i.e., MEOSAR-GPS) satellites to adjacent band signals, and to characterize the impact of such signals on the performance of the corresponding L and S band downlinks. If possible, we would like to extend the STA for a period of one year. Thank you for your assistance.

// Dr. Lisa Mazzuca //

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