

Behnam Ghaffari

From: Rishabh Maharaja <rymaharaja@captechu.edu>
Sent: Friday, July 21, 2017 3:41 PM
To: Behnam Ghaffari
Subject: Fwd: Educational use of the iridium 9603 modem, on a sounding rocket

Behnam,

We have permission from iridium. See the email below. I really do want to thank you for all of your support.

Thanks,

Rishabh Maharaja

Sent from my iPhone, so
Please excuse any typos.

Begin forwarded message:

From: "Gola, Henry" <HGola@wileyrein.com>
Date: July 21, 2017 at 2:53:48 PM EDT
To: "rymaharaja@captechu.edu" <rymaharaja@captechu.edu>, "lloveless@metocean.com" <lloveless@metocean.com>
Cc: "Hindin, Jennifer" <JHindin@wileyrein.com>, "Maureen McLaughlin" <Maureen.McLaughlin@iridium.com>
Subject: RE: Educational use of the iridium 9603 modem, on a sounding rocket

Rishabh, Lorne -

On behalf of Iridium, I write to inform you that the company consents to use of the Iridium SBD modem outlined in the experimental STA Capitol Tech submitted with the FCC. We will contact the FCC with this information.

Please contact me with any questions.

Thanks,
Henry Gola, counsel to Iridium

Henry Gola | Attorney at Law
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-----Original Message-----

From: Rishabh Maharaja [mailto:rymaharaja@captechu.edu]
Sent: Wednesday, July 12, 2017 1:23 PM
To: Maureen McLaughlin <Maureen.McLaughlin@iridium.com>

Subject: Educational use of the iridium 9603 modem, on a sounding rocket

Ms. McLaughlin,

Hi, it was nice chatting with you today, below is my email from last week :)

Hello, my name is Rishabh Maharaja, I am an adjunct professor at Capitol Technology University (CTU). I am working with Behnam Ghaffari from the FCC in obtaining an STA for an educational experiment that we at CTU are launching on a NASA sounding rocket on August 12th 2017. The sounding rocket flight will fly our experiment that will allow us at CTU to use the iridium sbd 9603 for functionality testing. We are simply conducting a functional test of the sbd 9603 for future use on a cubesat. Sounding rocket flights are not very forgiving, so it would be a good survivability test for the modem.

We purchased the modem from metocean telematics, and a fellow named Lorne Loveless is helping us with providing us subscriptions and equipment. We will only be broadcasting above the 70km altitude for just 5 minutes and will be sending down simple messages like status messages. The goal here is to just test functionality. I just needed permission from iridium to use the sbd modem for 5minutes above 70km altitude.

The data would be for educational use only, to check feasibility of the modem on a cubesat for a future flight. Sorry for the last minute nature of the request, but my funding wasn't approved until May of this year. Your help would be much appreciated.

Thanks,

Rishabh Maharaja

Sent from my iPhone, so
Please excuse any typos.

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Rishabh Maharaja

Sent from my iPhone, so
Please excuse any typos.

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