

Paul Blais

From: Bjornson, Christopher [Cbjornso@steptoe.com]
Sent: Thursday, December 16, 2010 11:33 AM
To: Hsing Liu
Cc: 'roger.d.porter@nasa.gov'; Jeanette Spriggs; Paul Blais
Subject: NASA TDRSS Protection, Blue Marble Network, LLC, E100101, SES-LIC-20100917-01170, as amended by SES-AMD-20101018-01304
Attachments: Blue Marble SO PAC Beam with GUM keep out zone.ppt

Hsing:

As I indicated in my voice mail to you, on behalf of Blue Marble Networks, we have been in contact with the NASA representative for NTIA's IRAC to ensure proper protection of the TDRSS Guam site by Blue Marble's proposed ESV operations who is copied on this email. Through this email, Blue Marble clarifies how it will operate its ESV network. Specifically, Blue Marble agrees to NASA's request that it turn off the Blue Marble ESV transmitters in the 14.0-14.2 GHz band whenever its hosting ship platforms come within 125 km of NASA's Guam terminal located at 13.5881 N/144.8410 E. Blue Marble also certifies that its terminals are capable of shutting off in the 14.0-14.2 GHz band automatically.

Please let us know if you have any questions or need anything else on this matter.

Sincerely,
 Christopher Bjornson
 Counsel to Blue Marble Network, LLC

From: Porter, Roger D. (GSFC-4500) [mailto:roger.d.porter@nasa.gov]
Sent: Monday, December 13, 2010 11:38 AM
To: Bjornson, Christopher
Subject: RE: Proposed ESV Network of Blue Marble Network, LLC

Chris

I took a quick look at the Blue Marble service areas that were included in the information you sent me. The results indicate that only your South Pacific beam has the potential to provide service to areas within 125 km of our TDRSS Guam site. It may be possible for us to come to a quick agreement if you can agree to turn off the Blue Marble ESV transmitters whenever their hosting ship platforms come within 125 km of our Guam terminal which is located at 13.5881 N/144.8410 E (decimal degrees). An example of the turn-off area is illustrated in the atch.

Let me know if Blue Marble is willing to agree to this solution. Thanks.

Roger

From: Bjornson, Christopher [mailto:Cbjornso@steptoe.com]
Sent: Thursday, December 09, 2010 4:12 PM
To: Porter, Roger D. (GSFC-4500)
Subject: FW: Proposed ESV Network of Blue Marble Network, LLC

12/17/2010

Roger:

Thanks for talking to me this afternoon. Attached is the application as amended. Please let me know if you have any concerns.

Sincerely,
Chris

Christopher R. Bjornson

Steptoe & Johnson LLP
1330 Connecticut Avenue, N.W.
Washington, D.C. 20036
Phone: 202.429.3059
e-mail: cbjornson@steptoe.com

From: Bjornson, Christopher
Sent: Monday, October 18, 2010 3:37 PM
To: 'Peter Malcolm'; James Grandahl; Daniel Jacoy
Cc: Mamlet, Alfred
Subject: FW: Proposed ESV Network of Blue Marble Network, LLC

The amendment and the revised STA have been filed. We will keep you posted on our progress with the FCC. Please let us know if you have any questions.

Sincerely,
Chris

Christopher R. Bjornson

Steptoe & Johnson LLP
1330 Connecticut Avenue, N.W.
Washington, D.C. 20036
Phone: 202.429.3059
e-mail: cbjornson@steptoe.com

From: Bjornson, Christopher
Sent: Monday, October 18, 2010 3:36 PM
To: 'Paul Blais'; 'Hsing Liu'
Cc: Mamlet, Alfred
Subject: Proposed ESV Network of Blue Marble Network, LLC

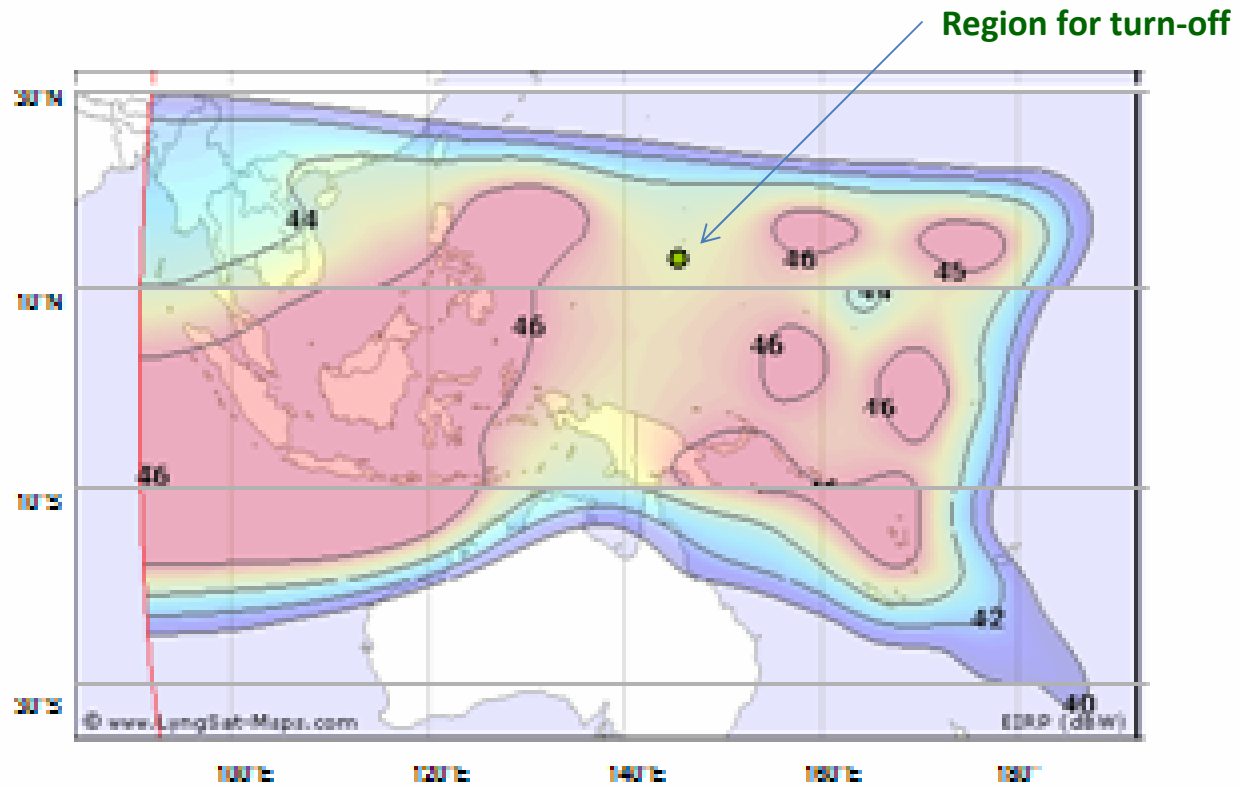
Paul and Hsing:

This afternoon, on behalf of Blue Marble Network, LLC, we filed an amendment to its pending ESV application as well as a revised application for special temporary authority for it to conduct beta testing prior to the grant of the permanent application. The amendment and the STA along with the accompanying filing receipts are attached. The amendment and the revised STA reflect our discussions with Hsing and the power levels have been revised to reflect appropriate and consistent levels. Please let us know if you have any questions.

Sincerely,
Chris

Christopher R. Bjornson
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Washington, D.C. 20036
Phone: 202.429.3059
e-mail: cbjornson@steptoe.com

GE-23 South Pacific Beam



- Center Point (GUAM): 13.5881N & 144.8410E
Radius: 125 kilometers