

From: Carl Huie
To: "Bkiernan01@aol.com".GWIA1.ROUTE_A
Date: 10/2/02 8:41AM
Subject: Re: Fwd: FCC STA Status for Orbisat

Emissions are explained in Section 2.201 of the FCC Rules. F1D is "frequency modulated of main carrier; single channel quantized or digital info; data transmission, telemetry, telecommand." Radars are generally of the "P0N" type or "K, L, M, Q, or V" as first symbol. However, I will accept F1D if that is how it is registered.

>>> <Bkiernan01@aol.com> 10/01/02 08:54PM >>>
Hi Carl!

Here is an email from Joao Moriera at Orbisat - He seems to need some help with the emissions designators, and as I mentioned during our phone call, perhaps it will be better to put you in direct email communication with him in this regard so we can get the STA approved. Thanks again for all your help!

Brian Kiernan

CC: "joao.moreira@orbisat.com.br".GWIA1.ROUTE_A

3495702

From: Joao Moreira <joao.moreira@orbisat.com.br>
To: <Bkiernan01@aol.com>
Date: 10/1/02 2:35PM
Subject: Re: FCC STA Status

Dear Brian,

I am sorry. I am sure, you think I am a lazy guy. But I think I am a
www-stupid guy. I can not find the emission designator in the internet.
Yesterday I tried and had no success. Today I tried again and I did not
find it.

Curiously you find the same Emission Designator at Intermap's FCC Application!
Please take a look at the last page box number 37: 20KOF1D.

I am quite sure that Intermap copied our FCC application. Is it possible to
mention to the FCC that we are using the same Emission Designator like
Intermap?

If this is not enough, please could you ask them the exact www-address with
the table of the emission designators?

Thank you a lot.

Best regards,

Joao

At 10:47 AM 9/20/2002 -0400, you wrote:

>Joao

>

>The files are pretty large (I have a very slow connection), and I'm not sure
>which ones to send you. It will be faster if you go to the site yourself. .

>Here is the URL for the website where the rules are. I think it is contained
>in 90-207.

>

>http://www.access.gpo.gov/nara/cfr/waisidx_01/47cfr90_01.html

>

>You can click on the Table of Contents button on the bottom to back out, but
>it should be there. Carl did not think the designator we supplied made much
>sense.

Joao Moreira
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www.Orbisat.com.br

3495702

From: Joao Moreira <joao.moreira@orbisat.com.br>
To: <Bkiernan01@aol.com>
Date: 9/19/02 1:17PM
Subject: Re: FCC STA Status

Dear Brian,

thank you for the e-mail and the success for coming up to this FCC-status.
I think, we are quite close to the certification!

>The Radar Pulse Frequency (repetition rate): 1000 - 2000 Hz
>The Radar Pulse Width: 1 - 5 us (microseconds)

>Also - please confirm the emission designator - we listed 20K0F1D, and he is
>somewhat confused about that. A soon as you reply, Carl will finish the STA
>process, and he anticipates granting the STA.

Dear Brian, can you send me the PDF-file of the explanation of the emission
designators? I left all my FCC-documents at AeS in Germany.

Best regards,

Joao

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CC: <markus.rombach@orbisat.com.br>

349 5702

From: <Bkiernan01@aol.com>
To: <joao.moreira@orbisat.com.br>, <Markus.Rombach@orbisat.com.br>
Date: 9/19/02 1:59PM
Subject: FCC STA Status

Joao and Markus

Carl Huie from the FCC called me back a moment ago. He was personally processing the STA application, and needs the following information to finalize:

The Radar Pulse Frequency (repetition rate)
The Radar Pulse Width

Also - please confirm the emission designator - we listed 20K0F1D, and he is somewhat confused about that. As soon as you reply, Carl will finish the STA process, and he anticipates granting the STA.

Best Regards,

Brian

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