

RE: Kongsberg Seatex experimental licence - FAA coordination

Kimberly.Mai

to:

rodney.murphy

08.04.2011 21:10

Cc:

Mark.R.Gallant

Bcc:

Per Christian Berntsen

Hide Details

From: Kimberly.Mai@faa.gov

To: rodney.murphy@faa.gov

Cc: Mark.R.Gallant@faa.gov

Bcc: Per Christian Berntsen/NOPIR/KM/KOG

Hi Rodney,

I coordinated and engineered NG T110164, then saved it as "RI" status. Please advise/comments...with your approval.

I am not sure about Aeronautical Radionavigation frequency band requested as 5220-5240 MHz.

Best Regards,

Kimberly Mai
AJW-936, Central Service Area
Spectrum Engineering Team
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----- Forwarded by Kimberly Mai/ASW/FAA on 04/08/2011 01:20 PM -----

From: Per Christian Berntsen <per.christian.berntsen@kongsberg.com>
To: Kimberly Mai/ASW/FAA@FAA
Cc: Behnam.Ghaffari@fcc.gov
Date: 04/06/2011 03:35 AM
Subject: Kongsberg Seatex experimental licence - FAA coordination

Dear Kimberly Mai.

Thank you for calling me yesterday. As agreed I hereby forward the information regarding our application for an experimental licence from the FCC. As instructed by the FCC we need to coordinate the use of frequencies with FAA. Basically we intend to equip two vessels travelling between the Shell Perdido Spar platform in the Gulf of Mexico and Galvestone Harbour with a newly developed radio communication system for high speed data communication. There will also be one radio unit on the Perdido Spar platform communicating with the vessels when they are performing SIMOPS (Simulatnous Operations) in the platform area. The radio system has a center frequency on 5230 MHz and a channel bandwidth of 20 MHz. The antenna system is highly directional phased array antenna whith steerable lobes in order to optimize radio communication over long distances at sea. You will find all relevant technical information in the attached documents.

According to FCC we can use the system based on the Norwegian license outside the 12 nautical mile border line. In the area between Galveston harbour and the 12 nm boundary we need to have an experimental licence from the FCC. In order for FCC to give an experimental licence we need to coordinate the use of frequencies with you.

The attached document MBR-FCC-FAA-coordination.pdf describes the system and the communication with FCC in greater detail.

Please consider the attached documents and update me on your findings and conclusions. I will then update FCC / Behnam Ghaffari accordingly.

Please do not hesitate to contact me if you need more information for your evaluation.

Please also confirm the reception of this email.

Thank you very much for your assistance. It is very much appreciated.

Best regards

Per Berntsen
Director IT / IPR
Kongsberg Seatex AS

(See attached file: NPT-Frequency-licence-MBR.pdf)(See attached file: MBR-FCC-FAA-coordination.pdf)

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