

John Kennedy

From: Dr. Arne-R. Diercks [adiercks@oceantech.net]
Sent: Thursday, October 26, 2006 3:02 PM
To: John Kennedy
Subject: RE: 0312-EX-PL-2006

Yes Please.

From: John Kennedy [mailto:John.Kennedy@fcc.gov]
Sent: Thursday, October 26, 2006 1:59 PM
To: adiercks@oceantech.net
Subject: RE: 0312-EX-PL-2006

I can change it and place your text below in the application if you wish. Do you want me to do so?

From: Dr. Arne-R. Diercks [mailto:adiercks@oceantech.net]
Sent: Thursday, October 26, 2006 2:56 PM
To: John Kennedy
Subject: RE: 0312-EX-PL-2006

My mistake, I was reporting data range for the CODAR system.
It is a fixed system.
Do I need to go in and change it or can you do that on your end?

Thanks,

Dr. Arne-R. Diercks
Director Radar Programs
Ocean Technologies, LLC
4423 Leisure Time Dr.
Diamondhead, MS 39525
(228) 452-1011 (office)
(228) 363-1937 (cell)

From: John Kennedy [mailto:John.Kennedy@fcc.gov]
Sent: Thursday, October 26, 2006 12:55 PM
To: adiercks@oceantech.net
Subject: RE: 0312-EX-PL-2006

Dr. Arne-R. Diercks,

If the Destin, FL antenna is fixed, why was a 200 km mobile radius reported for it? Please explain.

John W. Kennedy
Federal Communications Commission
Office of Engineering and Technology
Experimental Licensing Branch
(202) 418-2484

From: Dr. Arne-R. Diercks [mailto:adiercks@oceantech.net]

10/26/2006

Sent: Thursday, October 26, 2006 11:42 AM
To: John Kennedy
Subject: 0312-EX-PL-2006

Mr Kennedy:

Thank you for contacting me about the FCC application 0312-EX-PL-2006. I have added a paragraph describing the operation as well as justification for the extended timeframe for the license. Any help to expedite this application would be greatly appreciated.

Ocean Technologies is contracted by the University of Southern Mississippi to install three Long Range CODAR HF Radar systems (<http://www.codaros.com>) along the northern Gulf of Mexico shoreline. The project is funded under NOAA contract number NA05NOS4731077, all data collected under this effort will be used in the National Ocean Observation System, which is a federal environmental research and modeling program. We are applying for a 5 year license since the initial funding is set for 3 years with renewal options. The three sites will be used to collect surface current data along the northern Gulf of Mexico. Surface current data resolution is strongly dependant on sweep frequency bandwidth. The lower the bandwidth, the lower the spatial resolution. All collected data will be part of the federal and national HF Radar Initiative and will be made available on the WWW via the Universities website as well as the National Data Buoy Center (NDBC) website coordinating the national HF Radar efforts.

Please feel free to contact me with any questions or any necessary modification for this application. We do appreciate your time and help in this matter.

Very respectfully,

Arne Diercks

Dr. Arne-R. Diercks
Director Radar Programs
Ocean Technologies, LLC
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10/26/2006