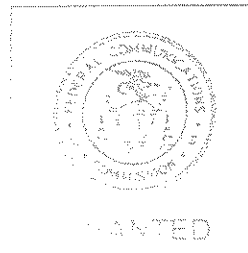


APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:
Application for STA for SP70C

1. Applicant

Name:	PetroCom License Corporation	Phone Number:	504-736-9400
DBA Name:		Fax Number:	504-734-6100
Street:	5901 Earhart Expressway	E-Mail:	jdenton@broadpointinc.com
City:	Harahan	State:	LA
Country:	USA	Zipcode:	70123 -
Attention:	Jon Denton		



File # SES-STA-20090304-00235
Call Sign _____ Grant Date 3/24/09
(or other identifier)
Term Dates
From 3/24/09 To: 5/22/09
Approved Joanette W. Spriggs

2. Contact			
Name:	Raul Magallanes	Phone Number:	2813171397
Company:	The Law Office of Raul Magallanes, PLLC	Fax Number:	2812718085
Street:	PO Box 1213	E-Mail:	info@rmtelecomlaw.com
City:	Houston	State:	TX
Country:	USA	Zipcode:	77549 -
Attention:	Raul Magallanes	Relationship:	Legal Counsel
(If your application is related to an application filed with the Commission, enter either the file number or the IB Submission ID of the related application. Please enter only one.)			
3. Reference File Number or Submission ID			
4a. Is a fee submitted with this application?			
<input checked="" type="radio"/> If Yes, complete and attach FCC Form 159. If No, indicate reason for fee exemption (see 47 C.F.R. Section 1.1114).			
<input type="radio"/> Governmental Entity <input type="radio"/> Noncommercial educational licensee			
<input type="radio"/> Other (please explain):			
4b. Fee Classification CGX -- Fixed Satellite Transmit/Receive Earth Station			
5. Type Request			
<input checked="" type="radio"/> Use Prior to Grant <input type="radio"/> Change Station Location <input type="radio"/> Other			
6. Requested Use Prior Date			
03/09/2009			

7. City Gulf of Mexico	8. Latitude (dd mm ss.s h) 29 1 47.64 N
9. State LA	10. Longitude (dd mm ss.s h) 88 56 32.78 W
11. Please supply any need attachments. Attachment 1: Cover Letter Attachment 2: Interf. Analysis Attachment 3: Non Compliant	
12. Description. (If the complete description does not appear in this box, please go to the end of the form to view it in its entirety.) <div style="border: 1px solid black; padding: 5px; margin: 5px 0;">Application for STA for SP70C</div>	
13. By checking Yes, the undersigned certifies that neither applicant nor any other party to the application is subject to a denial of Federal benefits that includes FCC benefits pursuant to Section 5301 of the Anti-Drug Act of 1988, 21 U.S.C. Section 862, because of a conviction for possession or distribution of a controlled substance. See 47 CFR 1.2002(b) for the meaning of "party to the application" for these purposes. <input checked="" type="radio"/> Yes <input type="radio"/> No	
14. Name of Person Signing Jon Denton	15. Title of Person Signing Director of Technology
WILLFUL FALSE STATEMENTS MADE ON THIS FORM ARE PUNISHABLE BY FINE AND / OR IMPRISONMENT (U.S. Code, Title 18, Section 1001), AND/OR REVOCATION OF ANY STATION AUTHORIZATION (U.S. Code, Title 47, Section 312(a)(1)), AND/OR FORFEITURE (U.S. Code, Title 47, Section 503).	

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March 4, 2009

Scott Kotler, Chief
System Analysis Branch
Satellite Division
International Bureau
Federal Communications Commission
445 12th Street SW
Washington, DC 20554

Re: Request for Special Temporary Authority

Dear Mr. Kotler,

Pursuant to Section 25.120(a) of the Rules and Regulations ("Regulations") of the Federal Communications Commission ("Commission"), Petrocom License Corporation. ("Petrocom") seeks Commission consideration for a Special Temporary Authority ("STA") to operate a new earth station.

According to Section 25.120(b)(3) of the Regulations, the Commission may grant temporary authority for a period not to exceed 60 days, if the STA request has not been placed on public notice, and the applicant plans to file a request for regular authority for the service. In the instant case, the STA request has not been placed on public notice and Petrocom plans to file an application for regular authority. Therefore, Petrocom respectfully requests an STA for a period not to exceed 60 days.

According to Section 25.120 (b)(1) of the Regulations, "The Commission may grant a temporary authorization only upon a finding that there are extraordinary circumstances requiring temporary operations in the public interest and that delay in the institution of these temporary operations would seriously prejudice the public interest".

In the instant case, Petrocom operates a GSM cellular network in the Gulf of Mexico. Various cell towers are backhauled from Gulf of Mexico fixed platforms to inland interconnection points through satellite links. Because of damage caused by Hurricanes Ike, some of this cellular infrastructure was damaged requiring upgrade or replacement. The planned satellite is AMC3 (87W).

Petrocom's GSM cellular network is the only licensed cellular service in the Gulf of Mexico and is used extensively by crew members of the various oil exploration and production platforms. Some cell sites are being switched from Ku to C-band to improve reliability while others are being deployed as new sites.

In order to insure restoration of this damaged site and uninterrupted service, the requested date for prior use is March 9, 2009. In accordance to Section 25.120(a) of the Regulations, this STA is being filed at least 3 working days prior to the date of proposed operation.

Because of the nature of operations in this platform and the critical role of the existing earth station communications link, it is in the public interest that the proposed earth station be operational to accommodate the critical calls that are placed by platform personnel. In addition, should there be an emergency in this platform; this earth station would be used to place calls to communicate with the appropriate agencies.

Sincerely,

/s/ Raúl Magallanes
Attorney

Non-Compliant Statement

According to Section 25.212(c)(2) of the Rules and Regulations of the Federal Communications Commission ("Regulations"), in the 5925-6425 MHz band, earth stations with an equivalent diameter of equal to or greater than 4.5m may be routinely licensed if the maximum power density into the antenna does not exceed $-2.7\text{dBW}/4\text{KHz}$ for digital SCPC carriers. Furthermore, antennas with an equivalent diameter of less than 4.5m are subject to the provisions of Section 25.220 of the Regulations.

The antenna at issue is a C-band Prodelin 1251(2.4m) ("Antenna"). This Antenna is less than 4.5m in diameter. The Antenna does not strictly comply with Section 25.209 of the Regulations. However, pursuant to Section 25.220 (b-c) of the Regulations, an applicant may request the Commission to consider a non-compliant antenna if it can be shown that the operational power density will be below the requirement of Section 25.212(c)(2). Specifically, the earth station operator must provide the power and power density levels that result by reducing the values stated in Section 25.212(c)(2) by the number of decibels that the non-compliant antenna fails to meet the standards of Section 25.209 of the Regulations.

In this case, the proposed Antenna exceeds the patterns of Section 25.209 by approximately 12dB in the $\pm(140^\circ$ to $180^\circ)$ region along the azimuth axis. The Antenna is designed to operate with a maximum EIRP density into the antenna flange of $-21\text{dBW}/4\text{KHz}$. This is 18.3 dB below the $-2.7\text{dBW}/4\text{KHz}$ limit. Applying the methodology in Section 25.220 (b-c), the maximum EIRP density at Antenna flange is increased by 12dB to yield,

$$-21\text{ dBW}/4\text{KHz} + 12\text{ dB} = -9\text{ dBW}/4\text{KHz}.$$

As calculated, this figure is still below the allowed maximum EIRP density at the Antenna flange of $-2.7\text{dBW}/4\text{KHz}$ by 6.3 dB.

The applicant agrees to accept any adjacent satellite interference in the 3700-4200 MHz receive band as a result of the performance of the Antenna. Should the use of this Antenna cause interference to other systems; the applicant agrees to terminate transmission upon notice from the Commission.

Appendix A shows a spectral density showing for this Antenna at low, mid, and high band. The antenna gain varies slightly with frequency and so does the spectral density.