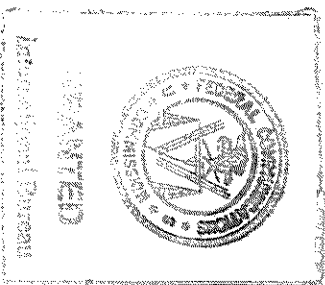


APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:
STA Pascagoula, MS

I. Applicant

Name: CapRock Communications, Inc. Phone Number: 832-668-2751
DBA Name: Fax Number: 832-668-2780
Street: 4400 S. Sam Houston Parkway Ea E-Mail: esands@cprk.com
City: Houston State: TX
Country: USA Zipcode: 77048
Attention: Ms. EllenAnn Sands



SES-STA-20071023-01456

Call Sign _____
(or other identifier)

Comm. Year

10/30/04

Term Expires

From: 11/1/07

To: 12/1/09

Appr:

Janette M. Spruig

7. City/Pascagoula	8. Latitude (dd mm ss.s h) 28 0 0.0 N
9. State MS	10. Longitude (dd mm ss.s h) 91 0 0.0 W
11. Please supply any need attachments: Attachment 1: Cover Letter Attachment 2: Attachment 3:	
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.) Request for STA for temporary operation at shipyard at Pascagoula, MS <div style="border: 1px solid black; height: 100px; width: 100%;"></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. Sec 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 Alan Aronowitz	15. Title of Person Signing VP & General Counsel
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).	

FCC NOTICE REQUIRED BY THE PAPERWORK REDUCTION ACT

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THE FOREGOING NOTICE IS REQUIRED BY THE PAPERWORK REDUCTION ACT OF 1995, PUBLIC LAW 104-13, OCTOBER 1, 1995, 44 U.S.C. SECTION 3507.

Once the earth station is placed in permanent operation, it will be the principal source of communications. Because the Station will be the principal means of communication of the permanent site, testing after the installation of the station poses a risk to the safety and

functioning of the Station can be insured prior to permanent operation. permanent application for the antenna's final location in due course. This way proper Mississippi before it is placed in permanent operation. If warranted, CapRock will file a antenna. It is necessary for CapRock to test the Station at the shipyard at Pascagoula, CapRock does not plan to file an application for regular authority at this site. The proposed antenna will be used to perform a Factory Acceptance Test (FAT) and "burn in" of the In the instance case, the STA request has not been placed on public notice and

Pursuant to Section 25.120(a) of the Regulations, in "circumstances requiring .. temporary use of facilities, request may be made for special temporary authority to install and/or operate new or modified equipment." In addition, according to Section 25.120(b)(4) of the Regulations, the Commission may grant temporary authorization for a period not to exceed 30 days, if the STA request has not been placed on public notice, and an application for regular authority is not contemplated.

Pursuant to Section 25.120(a) of the Rules and Regulations ("Regulations") of the Federal Communications Commission ("Commission"), CapRock Communications, Inc. ("CapRock"), by way of the underlying application, seeks Commission consideration for a Special Temporary Authority ("STA") to operate an earth station at Pascagoula, Mississippi (53.0N, 91.0W).

Dear Mr. Kotler:

Re: Request for Special Temporary Authority

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

October 23, 2007

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TELECOMMUNICATIONS LAW
The Law Office of
Raul Magallanes



health of personnel onboard as well as the environment. With testing verified at the shipyard, communications will be available immediately once the station is placed in permanent operation.

Sincerely,

/s/ Raul Magallanes

Attorney

In this case, the proposed Antenna exceeds the patterns of Section 25.209 by approximately 2dB in the 9° to 12° region along the azimuth axis. The Antenna is designed to operate with a maximum EIRP density into the antenna flange of -18.41 dBW/4KHz. This is 13.97 dB below the -2.7dBW/4KHz limit. Applying the methodology in Section 25.220 (b-c), the maximum EIRP density at Antenna flange is increased by 2dB to yield,

The antenna at issue is a C-band Seal 9797 (2.4m) ("Antenna"). 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.

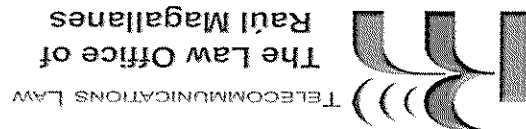
This document is a supplement to a letter sent on October 23, 2007 along with application SES-STA-20071023-01456 in reference to a temporary operation in Pascagoula, Mississippi for CapRock Communications, Inc.

Dear Mr. Kotler:

Re: Request for Special Temporary Authority

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

October 25, 2007



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www.rmtelcomlaw.com

-18.41 dBW/4KHz + 2 dB = -16.41 dBW/4KHz.

As calculated, this figure is still below the allowed maximum EIRP density at the Antenna range of -2.70 dBW/4KHz by 13.71 dB.

A spectral density study is attached as Appendix A hereto.

Sincerely,

/s/ Raul Magallanes

Attorney