

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:
Request for STA for communications supporting subsea construction

1. Applicant

Name: Harris 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@caprock.com
City: Houston **State:** TX
Country: USA **Zipcode:** 77048
Attention: Ms EllenAnn Sands

SES-STA-20120602-00488
E060157
Call Sign: E060157
(or other identifier)
From: 6-7-12
Grant Date: 6-6-12
Term Dates: 7-7-12
Appr. Date: 7-7-12
Signature: [Handwritten Signature]



Applicant: Harris CapRock Communications, Inc.
Call Sign: E060157
File No.: SES-STA-20120602-00488
Special Temporary Authority (STA)

Harris CapRock Communications, Inc. is granted a 30-day period from June 7, 2012 through July 7, 2012 with the following conditions:

1) The antenna models Intellillian V60 and V80 will operate with off-axis EIRP densities that will comply with 47 C.F.R § 25.222.

2) All operations shall be on an unprotected and non-harmful interference basis, Harris CapRock Communications, Inc., E060157, shall not cause harmful interference to, and shall not claim protection from, interference caused to it by any other lawfully operating station and it shall cease transmission(s) immediately upon notice of such interference.


SES-STA-20120602-00488

Call Sign: E060157
From: 6-7-12
To: 7-7-12

Commissioner: 6-6-12

Applicant: *Harris CapRock*

GRANTED



2. Contact

Name:	Raul Magallanes	Phone Number:	281 317 1397
Company:	The Law Office of Raul Magallanes, PLLC	Fax Number:	281 271 8085
Street:	PO Box 1213	E-Mail:	raul@rmtelcomlaw.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?

- IF Yes, complete and attach FCC Form 159. IF No, indicate reason for fee exemption (see 47 C.F.R. Section 1.1114).
- Governmental Entity
- Noncommercial educational licensee
- Other (please explain):

4b. Fee Classification CGX – Fixed Satellite Transmit/Receive Earth Station

5. Type Request

- Use Prior to Grant
- Change Station Location
- Other

6. Requested Use Prior Date

06/06/2012

7. City/Gulf of Mexico	8. Latitude (dd mm ss.s h) 0 0 0.0 N
9. State LA	10. Longitude (dd mm ss.s h) 0 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.) Reques for STA for communications supporting subsea construction <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. 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 EllenAnn Sands	15. Title of Person Signing Senior 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.

June 2, 2012

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

Re: Request for Special Temporary Authority – Harris CapRock
Communications, Inc.

Pursuant to Section 25.120(b) of the Rules and Regulations (“Regulations”) of the Federal Communications Commission (“Commission”), Harris CapRock Communications Inc. (“HARRIS CAPROCK”) seeks Commission consideration for a Special Temporary Authority (“STA”) to operate Earth Stations on Vessels (“ESVs”) while an application for permanent authority is being reviewed. On May 9, 2012, HARRIS CAPROCK filed an application to modify its existing ESV license to include the Intellian V60 and V80¹ antennas (File No. SES-MOD-20120509-00427, call sign E060157).

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.”

HARRIS CAPROCK is a global provider of fully managed communications solutions for remote and harsh environments. The proposed application would authorize HARRIS CAPROCK to operate ESVs on vessels that routinely perform new construction and maintenance of subsea facilities in the Gulf of Mexico. The communication links at issue will carry video images of subsea structures as well as their construction and maintenance. The proper supervision of subsea operations is paramount to the prevention of construction disasters as well as the safety of personnel engaged in such endeavors. This is an extraordinary circumstance that requires temporary operations in the public interest. The delay in the institution of these temporary operations would seriously prejudice the public interest.

The analysis in the principal application has shown that the Intellian V60 and Intellian V80 antennas conform to the spectral density envelopes outlined in Section 25.222 of the Regulations when limited to -22.30 dB/4KHz and -20.13 dB/4KHz

¹ Intellian V60 is a Ku-band 60cm diam. stabilized antenna. The Intellian V80 is a Ku-band 80cm diam. Stabilized antenna. Both operate with a radome.

respectively, at the feed. Harris CapRock will operate within these limits. Furthermore, Intellian has certified that the antennas comply with the 100ms automatic shut-off for an off-axis deviation of more than 0.5 degrees from the target satellite.² The analysis in the application has also shown that radiation levels at the proposed terminals will be within the exposure limits of 47 CFR §1.1310

Pursuant to Section 25.120(b)(3) of the Regulations, the Commission may grant temporary authorization for a period not to exceed 60 days, if the STA has not been placed on public notice, and the applicant plans to file a request for regular authority for the service. In the instance case, the Commission has not placed the STA application on public notice. Furthermore, HARRIS CAPROCK has filed an application for permanent authority. HARRIS CAPROCK is asking the Commission to grant it STA beginning June 6, 2012. The planned satellites are G25 (93W) and Telstar 14 (63W).

Sincerely,

/s/ Raul Magallanes

Raul Magallanes
Counsel to Harris CapRock Communications, Inc.