

Harris CapRock Communications, Inc.
Call Sign E090176

NOTIFICATION CONCERNING COMPLETION OF C-BAND ESV COORDINATION:

BALTIMORE, MARYLAND
BOSTON, MASSACHUSETTS
CHARLESTON, SOUTH CAROLINA
HONOLULU, HAWAII
LOS ANGELES, CALIFORNIA
MIAMI, FLORIDA
NEW ORLEANS, LOUISIANA
NEW YORK, NEW YORK
PORTLAND, MAINE
SAN FRANCISCO, CALIFORNIA
SAN JUAN, PUERTO RICO
SEATTLE, WASHINGTON
SEWARD, ALAKSA
SITKA, ALAKSA
TAMPA, FLORIDA

August 4, 2016

Harris CapRock Communications, Inc. (“Harris CapRock”) hereby submits, pursuant to Section 25.221(a)(12) of the Commission’s Rules for Earth Stations on Vessels (“ESVs”), 47 C.F.R. 25.221(a)(12), this notification of successfully completed frequency coordination at various port locations throughout the United States under its C-band ESV license, Call Sign E090167. As specified in the Commission’s Public Notice DA 05-1671 Released June 15, 2005, the following information is provided so that this notification may be placed on Public Notice:

1. Name and contact information of the frequency coordinator:

- a. Kenneth G. Ryan (Skjei Telecom)
7777 Leesburg Pike, Suite 315N
Falls Church, VA 22043
Phone: (703) 917-4020
Email: ken.ryan@skjeitelecom.com

2. Reference identification, date, and duration (if relevant) of each coordination report:

- a. Job Numbers/Dates:
 - i. Baltimore, MD – 160209SKJTEL12 / Feb. 9, 2016
 - ii. Boston, MA – 160209SKJTEL08 / Feb. 9, 2016
 - iii. Charleston, SC – 160209SKJTEL14 / Feb. 9, 2016
 - iv. Honolulu, HI – 160209SKJTEL09 / Feb. 9, 2016
 - v. Los Angeles, CA – 160209SKJTEL05 / Feb. 9, 2016
 - vi. Miami, FL – 160209SKJTEL11 / Feb. 9, 2016

- vii. New Orleans, LA – 160209SKJTEL07 / Feb. 9, 2016
- viii. New York, NY – 160209SKJTEL16 / Feb. 9, 2016
- ix. Portland, ME – 160209SKJTEL02 / Feb 9, 2016
- x. San Francisco, CA – 160209SKJTEL13 / Feb. 9, 2016
- xi. San Juan, PR – 160209SKJTEL04 / Feb. 9, 2016
- xii. Seattle, WA – 160209SKJTEL06 / Feb. 9, 2016
- xiii. Seward, AK – 160209SKJTEL10 / Feb. 9, 2016
- xiv. Sitka, AK – 160209SKJTEL15 / Feb. 9, 2016
- xv. Tampa, FL – 160209SKJTEL03 / Feb. 9, 2016

3. Frequency coordination method used:

- a. Coordination Contours method.

4. Interference criteria used:

- a. Long Term: -154.0 dBw/4 kHz 20%
Short Term: -131.0 dBw/4 kHz 0.0025%

5. Speed of coordinated vessel, if relevant:

- a. Not relevant to analysis (various along coordinated port approaches)

6. Frequencies, bandwidths, and total spectrum coordinated per satellite:

- a. Baltimore, MD; Boston, MA; Charleston, SC; Miami, FL; New Orleans, LA; New York, NY; Portland, ME; San Juan, PR; Tampa, FL

Tx: 6067.4 – 6076 MHz; 8.6 MHz (Galaxy 19)
6076.8 – 6085.4 MHz; 8.6 MHz (Galaxy 19)
6086.3 – 6095.7 MHz; 9.4 MHz (Galaxy 19)
6096.3 – 6105.7 MHz; 9.4 MHz (Galaxy 19)
6387 – 6423 GHz; 36 MHz (Galaxy 28)

Total Spectrum Coordinated: Conventional C-band, 36 MHz on each satellite at each location

- Honolulu, HI; Los Angeles, CA; San Francisco, CA; Seattle, WA Seward, AK; Sitka, AK

Tx: 6067.4 – 6076 MHz; 8.6 MHz (Galaxy 19)
6076.8 – 6085.4 MHz; 8.6 MHz (Galaxy 19)
6086.3 – 6095.7 MHz; 9.4 MHz (Galaxy 19)
6096.3 – 6105.7 MHz; 9.4 MHz (Galaxy 19)
6347.1 – 6351.6 MHz; 4.5 MHz (Galaxy 12)
6356.5 – 6379.8 MHz; 23.3 MHz (Galaxy 12)

Total Spectrum Coordinated: Conventional C-band, 36 MHz on Galaxy 19 and 27.8 MHz on Galaxy 12 at each location

7. Name of satellite(s) and transponder(s) being used:

- a. Baltimore, MD; Boston, MA; Charleston, SC; Miami, FL; New Orleans, LA; New York, NY; Portland, ME; San Juan, PR; Tampa, FL
 - i. Satellites: Galaxy 19 @ 97°W and Galaxy 28 @ 89°W
Transponders: Galaxy 19 (8C) / Galaxy 28 (24C)
- b. Honolulu, HI; Los Angeles, CA; San Francisco, CA; Seattle, WA Seward, AK; Sitka, AK
 - i. Satellites: Galaxy 19 @ 97°W and Galaxy 12 @ 129°W
Transponders: Galaxy 19 (8C) / Galaxy 12 (22C)

Note: Harris CapRock has coordinated 36 MHz of spectrum on Galaxy 19, including a portion of the guard band above Transponder 8C up to 6105.7 MHz.

8. Textual description and scaled map of the geographic area(s) coordinated: Ports and port approaches at the following locations. (See Coordination Reports, attached, for area of operations maps).

- a. Baltimore, MD – 39° 17' 5.8" N, 76° 36' 38.4" W
- b. Boston, MA – 42° 20' 35.9" N, 71° 2' 1.3" W
- c. Charleston, SC – 32° 46' 28.6" N, 79° 55' 25.0" W
- d. Honolulu, HI – 21° 18' 10.2" N, 157° 52' 1.2" W
- e. Los Angeles, CA – 33° 43' 45.2" N, 118° 15' 43.3" W
- f. Miami, FL – 25° 46' 34.5" N, 80° 10' 40.8" W
- g. New Orleans, LA – 29° 56' 55.8" N, 90° 3' 43.2" W
- h. New York, NY – 40° 46' 7.8" N, 74° 0' 0.0" W
- i. Portland, ME – 43° 39' 24.1" N, 70° 14' 43.1" W
- j. San Juan, PR – 18° 27' 43.9" N, 66° 6' 36.7" W
- k. San Francisco, CA – 37° 48' 28.2" N, 122° 24' 21.0" W
- l. Seattle, WA – 47° 36' 39.1" N, 122° 21' 1.2" W
- m. Seward, AK – 60° 7' 2.6" N, 149° 25' 37.2" W
- n. Sitka, AK – 55° 40' 7.6" N, 132° 18' 23.9" W
- o. Tampa, FL – 27° 56' 32.9" N, 82° 26' 41.3" W

9. 24/7 contact information for the ESV operator:

- a. Harris CapRock Network Control Center
Sam Houston Pkwy, E. Houston, Texas 77046
Office: (832) 668-2775
Fax: (713) 987-2894
Email: hcc-hou-csc@harris.com

10. Call sign of the hub station if independently license:

a. E030170

11. Statement indicating that as of the date of this notification there are no unresolved coordination requests which would result in an exceedance of the maximum 180 megahertz of coordinated spectrum for all ESV operations in the coordination area in Section 25.202(a)(8):

a. The frequency coordinator advises that there are no unresolved coordination requests which would result in an exceedance of the maximum 180 megahertz of coordinated spectrum for all ESV operations in the coordination area in the 5925-6425 MHz band.

Harris CapRock respectfully requests that this notification of successfully completed frequency coordination be placed on Public Notice. Any further questions with respect to this matter should be directed to Carlos Nalda at (571) 332-5626 or cnalda@lmiadvisors.com.