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Report No. SES-01961

Wednesday May 31, 2017

Satellite Communications Services Information

re: Actions Taken

The Commission, by its International Bureau, took the following actions pursuant to delegated authority. The effective dates of the actions are the dates specified.

SES-RWL-20170522-00575 E E920295 Control 1 Communications, LLC

Renewal 06/19/2017 - 06/19/2032

Grant of Authority Date Effective: 05/23/2017

Class of Station: Temporary Fixed Earth Station

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1

LOCATION: VARIOUS

ANTENNA ID: 1 2.4 meters ANDREW CORP. ESA24V5M-KU

14000.0000 - 14500.0000 MHz 36K0F9W 77.10 dBW

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20170525-00593 E E920300 UND AEROSPACE SCIENCES UNIVERSITY OF NORTH DAKOTA

Renewal 06/05/2017 - 06/05/2032

Grant of Authority Date Effective: 05/25/2017

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID:

LOCATION: 4201 UNIV. AVE., GRAND FORKS, GRAND FORKS, ND

 $47 \circ 55 ' 16.00 " N LAT.$ $97 \circ 5 ' 20.00 " W LONG.$

ANTENNA ID: 1 4.6 meters ANDREW ESA46-124

14000.0000 - 14500.0000 MHz 3M30G7D 70.60 dBW

14000.0000 - 14500.0000 MHz	112KG7D	52.00 dBW
14000.0000 - 14500.0000 MHz	27M0F8F	79.00 dBW
11700.0000 - 12200.0000 MHz	3M30G7D	
11700.0000 - 12200.0000 MHz	112KG7D	
11700.0000 - 12200.0000 MHz	27M0F8F	

Points of Communication:

1 - PERMITTED LIST - ()

SES-STA-20170403-00363 E Intelsat License LLC

Special Temporary Authority

Grant of Authority Date Effective: 05/25/2017

Class of Station:

On May 25, 2017, Intelsat License LLC was granted special temporary authority for 180 days, beginning June 1, 2017, to operate a 9.2-meter Ka-band antenna in Riverside, CA to provide launch and early orbit phase (LEOP) services to the ViaSat-2 satellite, licensed by United Kingdom, on the following center frequencies: 29501 MHz and 29999 MHz (Earth-to-space) and 18301 MHz and 18303 MHz (space-to-Earth).

Points of Communication:

SES-STA-20170424-00458 E E7541 Lockheed Martin Corporation

Special Temporary Authority

Grant of Authority Date Effective: 05/25/2017

Class of Station:

On May 25, 2017, Lockheed Martin Corporation was granted special temporary authority for 30 days, beginning May 25, 2017, to operate its fixed earth station in Carpentersville, NJ to provide launch and early orbit phase (LEOP) services to the SES-15 on the center frequency 13999.0 MHz (Earth-to-space).

Points of Communication:

SES-STA-20170505-00501 E E020241 DIRECTV Enterprises, LLC

Special Temporary Authority

Grant of Authority Date Effective: 05/24/2017

Class of Station:

On May 24, 2017, DIRECTV Enterprises LLC was granted special temporary authority for 30 days, beginning May 31, 2017, to operate its fixed earth station in Canoga Park, CA to provide launch and early orbit phase (LEOP) services to the ViaSat-2 satellite, licensed by United Kingdom, on the following center frequencies: 29501 MHz and 29999 MHz (Earth-to-space) and 18301 MHz and 18303 MHz (space-to-Earth).

Points of Communication:

SES-STA-20170508-00541 E KL92 Intelsat License LLC

Special Temporary Authority

Grant of Authority Date Effective: 05/24/2017

Class of Station:

On May 24, 2017, Intelsat License LLC was granted special temporary authority for 30 days, beginning June 1, 2017, to use its fixed earth station in Castle Rock, CO, to provide telemetry, tracking, and command (TT&C) services to the Intelsat 9 (S2380) satellite as it drifts from the 43.1°W.L. orbital location to the 29.5° W.L. orbital location on the following center frequencies: 14000.50 MHz and 14494.50 MHz (Earth-to-space); and 11700.50 MHz and 11702.00 MHz (space-to-Earth).

Points of Communication:

SES-STA-20170509-00542 E SES Americom, Inc.

Special Temporary Authority

Grant of Authority Date Effective: 05/24/2017

Class of Station:

On May 24, 2017, SES Americom, Inc. was granted special temporary authority for 30 days, beginning May 30, 2017, to test a 9-meter antenna in South Mountain, CA to communicate with the AMC-15 (S2180) satellite at the 105° W.L. in the 11.7-12.2 MHz (space-to-Earth) and 14.0-14.5 MHz (Earth-to-space) frequency bands. SES Americom, Inc. was also granted special temporary authority to test the antenna with the SES-10 (S2950) satellite at the 66.9° W.L. in the 17300-17550 MHz (space-to-Earth) frequency band.

Points of Communication:

SES-STA-20170515-00566 E E170084 Intelsat License LLC

Special Temporary Authority

Grant of Authority Date Effective: 05/23/2017

Class of Station:

On May 23, 2017, Intelsat License LLC was granted special temporary authority for 60 days, beginning May 23, 2017, to operate its 3.9-meter temporary-fixed earth station in Manhasset, NY to communicate with the Intelsat 907 (S2411) satellite at the 27.5° W.L. orbital location in the 4157-4198 MHz (space-to-Earth) and 6382-6423 MHz (Earth-to-space) frequency bands.

Points of Communication:

SES-STA-20170522-00576 E E170081 Intelsat License LLC

Special Temporary Authority

Grant of Authority Date Effective: 05/25/2017

Class of Station:

On May 25, 2017, Intelsat License LLC was granted special temporary authority for 60 days, beginning May 28, 2017, to operate its fixed earth station in Hagerstown, MD to provide telemetry, tracking and command (TT&C) services and communications services to the SKY-B1 (S2922) satellite at the 43.15° W.L. orbital location. TT&C operations will use the following center frequencies: 13249.5 MHz and 14498 MHz (Earth-to-space), and 11443 MHz, 11447 MHz, 11443.5 MHz and 11446.5 MHz (space-to-Earth). Communications operations will be in the 12750-13250 MHz and 13750-14500 MHz (Earth-to-space), and 11450-11700 MHz and 11700-12200 MHz (space-to-Earth) frequency bands.

Points of Communication:

SES-STA-20170522-00577 E E170083 Intelsat License LLC

Special Temporary Authority

Grant of Authority Date Effective: 05/24/2017

Class of Station:

On May 24, 2017, Intelsat License LIC was granted special temporary authority for 60 days, beginning May 24, 2017, to operate a 2.4-meter antenna in Hagerstown, MD to communicate with the Intelsat 29e (S2913) satellite at the 50° W.L. orbital location in the 10.95-12.50 GHz (space-to-Earth) and 14.00 -14.50 GHz (Earth-to-space) frequency bands.

Points of Communication:

SES-STA-20170522-00578 E E170083 Intelsat License LLC

Special Temporary Authority

Grant of Authority Date Effective: 05/24/2017

Class of Station:

On May 24, 2017, Intelsat License, LLC, was granted special temporary authority for 60 days, beginning May 24, 2017, to operate a 1.2-meter antenna in Hagerstown, MD to communicate with the Intelsat 29e (S2913) satellite at 50° W.L. in the 10.95-12.50 GHz (space-to-Earth) and 14.00-14.50 GHz (Earth-to-space) frequency bands.

Points of Communication:

SES-STA-20170522-00579 E E080100 Row 44 Inc.

Special Temporary Authority

Grant of Authority Date Effective: 05/25/2017

Class of Station:

On May 25, 2017, Row 44, Inc., was granted special temporary authority for 60 days, beginning June 1, 2017, to operate earth stations aboard aircraft (ESAA) with the AMC-3 (S2162) satellite at the 72° W. L. orbital location, and the SES-10 satellite (S2950) at the 66.9° W.L. orbital location in the 14.05-14.47 GHz (Earth-to-space) and 11.7-12.2 GHz (space-to-Earth) frequency bands.

Points of Communication:

SES-STA-20170524-00599 E E000296 Intelsat License LLC

Special Temporary Authority

Withdrawn Date Effective: 05/25/2017

Class of Station:

Points of Communication:

SURRENDER

SES-LIC-20020513-00756 E020128 Gray Television Licensee, LLC

License surrendered by letter filed on May 30, 2017.

For more information concerning this Notice, contact the Satellite Division at 418-0719; TTY 1-888-835-5322.