
UAF ASF GS - WORLDVIEW-2(S2129) - (NGSO)

UAF ASF GS - WORLDVIEW-3 (S2129) - (NGSO)

SES-LIC-20150604-00322 E E150074 BFI Licenses, LLC

Application for Authority

09/09/2015 - 09/09/2030

Grant of Authority

Date Effective: 09/09/2015

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: Various, Various

0 ° 0 ' 0.00 " N LAT.

0 ° 0 ' 0.00 " W LONG.

ANTENNA ID: 2 2.4 meters GIGASAT LTD FA-240/60CP

5925.0000 - 6425.0000 MHz 36M0G7W 68.53 dBW One 36 Mbit MCPC digital carrier for voice/data

5925.0000 - 6425.0000 MHz 36M0F8W 68.53 dBW One wideband 36 MHz frequency modulation video carrier with associated audio and ATIS subcarriers.

ANTENNA ID: 1 2.4 meters GIGASAT LTD FA-240/140L

14000.0000 - 14500.0000 MHz 36M0G7W 74.54 dBW One 36 Mbit MCPC digital carrier for voice/data

14000.0000 - 14500.0000 MHz 36M0F8W 75.02 dBW One wideband 36 MHz frequency modulation video carrier with associated audio and ATIS subcarriers.

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20150706-00451 E E920417 Educational Media Foundation

Application for Modification

07/31/2002 - 07/31/2017

Grant of Authority

Date Effective: 09/02/2015

Class of Station: VSAT Network

Nature of Service: Fixed Satellite Service

SITE ID: HUB1A

LOCATION: 5700 WEST OAKS BLVD. (3.8M.HUB)1-A, PLACER, ROCKLIN, CA

38 ° 48 ' 54.00 " N LAT.

121 ° 16 ' 40.00 " W LONG.

ANTENNA ID: HUB1A 3.8 meters PRODELIN 1383

14000.0000 - 14500.0000 MHz 4M20G7D 58.90 dBW QPSK, DIGITAL

11700.0000 - 12200.0000 MHz 540KG7D QPSK, DIGITAL

11700.0000 - 12200.0000 MHz	4M20G7D		QPSK, DIGITAL
11700.0000 - 12200.0000 MHz	128KG7W		4CPM; ADAPTIVE ACCESS SCHEME MULTI FREQUENCY (MF) TDMA
14000.0000 - 14500.0000 MHz	128KG7W	53.20 dBW	4CPM; ADAPTIVE ACCESS SCHEME MULTI FREQUENCY (MF) TDMA
11700.0000 - 12200.0000 MHz	4M00G7W		4CPM; ADAPTIVE ACCESS SCHEME MULTI FREQUENCY (MF) TDMA
14000.0000 - 14500.0000 MHz	4M00G7W	64.20 dBW	4CPM; ADAPTIVE ACCESS SCHEME MULTI FREQUENCY (MF) TDMA

SITE ID: REMOTE 1
LOCATION: 5700 WEST OAKS BLVD. VSAT 1.2M., (25 UNITS), CONUS, AK, HI

ANTENNA ID:	REMT 1	1.2 meters	ASC SIGNAL	TYPE 123
14000.0000 - 14500.0000 MHz	4M20G7D	43.40 dBW	QPSK, DIGITAL	
14000.0000 - 14500.0000 MHz	540KG7D	47.10 dBW	QPSK, DIGITAL	
11700.0000 - 12200.0000 MHz	4M20G7D		QPSK, DIGITAL	
11700.0000 - 12200.0000 MHz	540KG7D		QPSK, DIGITAL	
14000.0000 - 14500.0000 MHz	128KG7W	42.30 dBW	4CPM; ADAPTIVE ACCESS SCHEME MULTI FREQUENCY (MF) TDMA	
14000.0000 - 14500.0000 MHz	4M00G7W	48.07 dBW	4CPM; ADAPTIVE ACCESS SCHEME MULTI FREQUENCY (MF) TDMA	
11700.0000 - 12200.0000 MHz	128KG7W		4CPM; ADAPTIVE ACCESS SCHEME MULTI FREQUENCY (MF) TDMA	
11700.0000 - 12200.0000 MHz	4M00G7W		4CPM; ADAPTIVE ACCESS SCHEME MULTI FREQUENCY (MF) TDMA	

SITE ID: REMOTE 2
LOCATION: 5700 WEST OAKS BLVD. VSAT 1.8M., (550 UNITS), CONUS, AK, HI

ANTENNA ID:	REMT 2	1.8 meters	ASC SIGNAL	TYPE 18(0/3)TX
14000.0000 - 14500.0000 MHz	4M20G7D	47.30 dBW	QPSK, DIGITAL	
14000.0000 - 14500.0000 MHz	540KG7D	50.60 dBW	QPSK, DIGITAL	
11700.0000 - 12200.0000 MHz	4M20G7D		QPSK, DIGITAL	
11700.0000 - 12200.0000 MHz	540KG7D		QPSK, DIGITAL	
14000.0000 - 14500.0000 MHz	128KG7W	45.83 dBW	4CPM; ADAPTIVE ACCESS SCHEME MULTI FREQUENCY (MF) TDMA	

14000.0000 - 14500.0000 MHz	4M00G7W	51.57 dBW	4CPM; ADAPTIVE ACCESS SCHEME MULTI FREQUENCY (MF) TDMA
11700.0000 - 12200.0000 MHz	128KG7W		4CPM; ADAPTIVE ACCESS SCHEME MULTI FREQUENCY (MF) TDMA
11700.0000 - 12200.0000 MHz	4M00G7W		4CPM; ADAPTIVE ACCESS SCHEME MULTI FREQUENCY (MF) TDMA

SITE ID: REMOTE 3
LOCATION: 5700 WEST OAKS BLVD. VSAT 2.4M., (25 UNITS), CONUS, AK, HI

ANTENNA ID:	REMT 3	2.4 meters	ASC SIGNAL	TYPE 243
14000.0000 - 14500.0000 MHz	4M20G7D	50.00 dBW	QPSK, DIGITAL	
14000.0000 - 14500.0000 MHz	540KG7D	52.70 dBW	QPSK, DIGITAL	
11700.0000 - 12200.0000 MHz	4M20G7D		QPSK, DIGITAL	
11700.0000 - 12200.0000 MHz	540KG7D		QPSK, DIGITAL	
14000.0000 - 14500.0000 MHz	128KG7W	47.90 dBW	4CPM; ADAPTIVE ACCESS SCHEME MULTI FREQUENCY (MF) TDMA	
14000.0000 - 14500.0000 MHz	4M00G7W	53.70 dBW	4CPM; ADAPTIVE ACCESS SCHEME MULTI FREQUENCY (MF) TDMA	
11700.0000 - 12200.0000 MHz	128KG7W		4CPM; ADAPTIVE ACCESS SCHEME MULTI FREQUENCY (MF) TDMA	
11700.0000 - 12200.0000 MHz	4M00G7W		4CPM; ADAPTIVE ACCESS SCHEME MULTI FREQUENCY (MF) TDMA	

SITE ID: HUB-1RCKCA
LOCATION: 5700 WEST OAKS BLVD. (5.6M.HUB)-1, PLACER, ROCKLIN, CA
38 ° 48 ' 54.00 " N LAT. 121 ° 16 ' 40.00 " W LONG.

ANTENNA ID:	HUB1RCKC	5.6 meters	ASC SIGNAL	ES56-1
14000.0000 - 14500.0000 MHz	4M20G7D	58.90 dBW	QPSK, DIGITAL	
11700.0000 - 12200.0000 MHz	540KG7D		QPSK, DIGITAL	
11700.0000 - 12200.0000 MHz	4M20G7D		QPSK, DIGITAL	
14000.0000 - 14500.0000 MHz	128KG7W	57.00 dBW	4CPM; ADAPTIVE ACCESS SCHEME MULTI FREQUENCY (MF) TDMA	
14000.0000 - 14500.0000 MHz	4M00G7W	68.00 dBW	4CPM; ADAPTIVE ACCESS SCHEME MULTI FREQUENCY (MF) TDMA	
11700.0000 - 12200.0000 MHz	128KG7W		4CPM; ADAPTIVE ACCESS SCHEME MULTI FREQUENCY (MF) TDMA	

11700.0000 - 12200.0000 MHz

4M00G7W

4CPM; ADAPTIVE ACCESS SCHEME
MULTI FREQUENCY (MF) TDMA

Points of Communication:

HUB1A - PERMITTED LIST - ()

HUB-1RCKCA - PERMITTED LIST - ()

REMOTE 1 - PERMITTED LIST - ()

REMOTE 2 - PERMITTED LIST - ()

REMOTE 3 - PERMITTED LIST - ()

SES-STA-20150819-00535 E KA275 Intelsat License LLC

Special Temporary Authority

Grant of Authority

Date Effective: 09/02/2015

Class of Station:

On September 2, 2015, Intelsat License LLC was granted special temporary authority, for a period of 30 days beginning September 2, to operate its fixed earth station in Hagerstown, MD, to provide launch and early orbit phase (LEOP) services for the EUTELSAT-115WB satellite as it proceeds to the 114.9° W.L. orbital location, on the following center frequencies: 6423.5 MHz and 6421.5 MHz (Earth-to-space), and 4199.0 MHz and 4199.8 MHz (space-to-Earth).

Points of Communication:

SES-STA-20150819-00537 E E000296 Intelsat License LLC

Special Temporary Authority

Grant of Authority

Date Effective: 09/02/2015

Class of Station:

On September 2, 2015, Intelsat License LLC was granted special temporary authority, for a period of 30 days beginning September 2, 2015, to operate its fixed earth station in Hagerstown, MD, to provide launch and early orbit phase (LEOP) services for the Eutelsat-115WB satellite as it proceeds to the 114.9° W.L. orbital location, on the following center frequencies: 6423.5 MHz and 6421.5 MHz (Earth-to-space), and 4199.0 MHz and 4199.8 MHz (space-to-Earth).

Points of Communication:

SES-STA-20150910-00574 E E140097 The Boeing Company

Special Temporary Authority

Grant of Authority

Date Effective: 09/12/2015

Class of Station:

On September 12, 2015, The Boeing Company was granted special temporary authority for a period 30 days beginning September 14, 2015, to flight test a ViaSat KuKarray antenna over international waters transmitting in both the Atlantic and Pacific oceans with satellites currently authorized under E140097 in the 11.45-11.7 GHz, 11.7-12.2 GHz and 12.2-12.75 GHz (space-to Earth) and 14.0-14.5 GHz (Earth-to-space) frequency bands.

Points of Communication:

SURRENDER

SES-RWL-20090601-00670 E990081 Telesat Network Services, Inc.

License surrendered by letter filed on September 14, 2015.

SES-RWL-20090601-00671 E990082 Telesat Network Services, Inc.

License surrendered by letter filed on September 14, 2015.

SES-RWL-20100203-00145 E000086 KVVU Broadcasting Corporation

License surrendered by letter filed on September 11, 2015.

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