



PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
445 12th STREET S.W.
WASHINGTON D.C. 20554

News media information 202-418-0500
Internet: <http://www.fcc.gov> (or <ftp.fcc.gov>)
TTY (202) 418-2555

Report No. SES-01349

Wednesday May 25, 2011

SATELLITE COMMUNICATIONS SERVICES

RE: SATELLITE RADIO APPLICATIONS ACCEPTED FOR FILING

The applications listed herein have been found, upon initial review, to be acceptable for filing. The Commission reserves the right to return any of the applications if, upon further examination, it is determined they are defective and not in conformance with the Commission's Rules and Regulations and its Policies. Final action will not be taken on any of these applications earlier than 30 days following the date of this notice. 47 U.S.C. § 309(b). All applications accepted for filing will be assigned call signs, or other unique station identifiers. However, these assignments are for administrative purposes only and do not in any way prejudice Commission action.

SES-LIC-20100723-00952 E E100088 O3b Limited

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

O3b Limited requested authority to operate one gateway and TT&C earth station in Haleiwa, Hawaii to communicate with a non-U.S. licensed, non-geostationary orbit ("NGSO") Ka-band space station system registered at the ITU as the O3B-A satellite system. The O3B-A satellite system will initially consist of eight satellites in medium earth orbit at 8,062 km above the Equator. Operating within the current Ka-Plan as follows:

| Downlink Frequency | Ka-Band Plan | O3B Proposed Use |
|--------------------|---------------------------------------|---------------------------|
| 17.8-18.3 GHz | FS | Service and Gateway Links |
| 18.3-18.6 GHz | GSO FSS down | Service and Gateway Links |
| 18.8-19.3 GHz | NGSO FSS down | Service, Gateway and TT&C |
| Uplink Frequency | Ka-Band Plan | O3B Proposed Use |
| 27.6-28.35 GHz | LMDS (fss secondary) | Service and Gateway Links |
| 28.35-28.4 GHz | GSO FSS up ngso fss up (secondary) | Service and Gateway Links |
| 28.6-29.1 GHz | NGSO FSS up gso fss up (secondary) | Service, Gateway and TT&C |

Applicant is seeking waivers to 25.145(c), 25.210(i)(1) and 25.283(c) of the Commission rules.

In addition, O3b Limited seeks a waiver of Section 25.157 of the Commission's rules to permit this application to proceed without initiating a processing round. This Public Notice is without prejudice to Commission action on this waiver request. Further, we are not, at this time, opening a processing round for NGSO applications to be considered concurrently with O3b's request.

SITE ID: Hawaii Gateway
 LOCATION: 58-350 Kamehameha Hwy, Honolulu, Haleiwa, HI
 21 ° 40 ' 7.80 " N LAT. 158 ° 1 ' 54.90 " W LONG.

| ANTENNA ID: | Ant 1-3 | 7.3 meters | Viasat | MEO7 |
|-------------|-----------------------------|------------|---------|---|
| | 29087.8000 - 29089.1000 MHz | | 500KG2D | 85.14 dBW TT&C |
| | 27600.0000 - 28400.0000 MHz | | 216MX7D | 87.29 dBW DVB-S2 (QPSK, 8APSK, 16APSK, 32APSK); Digital Data Link |
| | 27600.0000 - 28400.0000 MHz | | 307KG7D | 52.29 dBW DVB-S2 (QPSK, 8APSK, 16APSK, 32APSK); Digital Data Link |
| | 28600.0000 - 29100.0000 MHz | | 216MG7D | 87.29 dBW DVB-S2 (QPSK, 8APSK, 16APSK, 32APSK); Digital Data Link |
| | 28600.0000 - 29100.0000 MHz | | 40M0G7D | 87.29 dBW DVB-S2 (QPSK, 8APSK, 16APSK, 32APSK); Digital Data Link |
| | 28600.0000 - 29100.0000 MHz | | 307KG7D | 52.29 dBW DVB-S2 (QPSK, 8APSK, 16APSK, 32APSK); Digital Data Link |
| | 19296.2000 - 19299.9000 MHz | | 300KG1D | TT&C |
| | 17800.0000 - 18600.0000 MHz | | 216MG7D | 0.00 dBW DVB-S2 (QPSK, 8APSK, 16APSK, 32APSK); Digital Data Link |
| | 17800.0000 - 18600.0000 MHz | | 307KG7D | 0.00 dBW DVB-S2 (QPSK, 8APSK, 16APSK, 32APSK); Digital Data Link |
| | 18800.0000 - 19300.0000 MHz | | 216MG7D | 0.00 dBW DVB-S2 (QPSK, 8APSK, 16APSK, 32APSK); Digital Data Link |
| | 18800.0000 - 19300.0000 MHz | | 40M0G7D | 0.00 dBW DVB-S2 (QPSK, 8APSK, 16APSK, 32APSK); Digital Data Link |
| | 18800.0000 - 19300.0000 MHz | | 307KG7D | 0.00 dBW DVB-S2 (QPSK, 8APSK, 16APSK, 32APSK); Digital Data Link |

Points of Communication:

Hawaii Gateway - O3B-A - (Eq. NGSO)

SES-LIC-20110517-00593 E E110084 NBC TELEMUNDO LICENSE LLC

Application for Authority

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

SITE ID: WNBC

LOCATION:

| ANTENNA ID: | H-E | 1.2 meters | AVL Technologies | 1210K |
|-------------|-----|------------|------------------|-------|
|-------------|-----|------------|------------------|-------|

| | | | |
|-----------------------------|---------|-----------|--|
| 14000.0000 - 14500.0000 MHz | 36M0G7W | 65.75 dBW | phase modulated carrier with data, video and audio |
|-----------------------------|---------|-----------|--|

Points of Communication:

WNBC - PERMITTED LIST - ()

SES-LIC-20110517-00594 E E110085 NBC TELEMUNDO LICENSE LLC

Application for Authority

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

SITE ID: WNBC

LOCATION:

| | | | |
|------------------------|------------|------------------|-------|
| ANTENNA ID: H-F | 1.2 meters | AVL Technologies | 1210K |
|------------------------|------------|------------------|-------|

| | | | |
|-----------------------------|---------|-----------|--|
| 14000.0000 - 14500.0000 MHz | 36M0G7W | 65.75 dBW | phase modulated carrier with data, video and audio |
|-----------------------------|---------|-----------|--|

Points of Communication:

WNBC - PERMITTED LIST - ()

SES-LIC-20110518-00595 E E110086 WANDA ROLON

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 4.5M

LOCATION: Road #861, KM 4.4, Toa Alta, Toa Alta, PR

18 ° 22 ' 28.00 " N LAT.

66 ° 12 ' 23.00 " W LONG.

| | | | |
|------------------------|------------|--------------------|-------|
| ANTENNA ID: 4.5 | 4.5 meters | Andrew Corporation | ESA45 |
|------------------------|------------|--------------------|-------|

| | | | |
|---------------------------|---------|-----------|--|
| 5925.0000 - 6047.0000 MHz | 51K2G7W | 43.77 dBW | Digital traffic, various data rate, FEC, information |
|---------------------------|---------|-----------|--|

| | | | |
|---------------------------|---------|-----------|--|
| 6079.0000 - 6315.0000 MHz | 51K2G7W | 43.77 dBW | Digital traffic, various data rate, FEC, information |
|---------------------------|---------|-----------|--|

| | | | |
|---------------------------|---------|-----------|--|
| 6361.0000 - 6425.0000 MHz | 51K2G7W | 43.77 dBW | Digital traffic, various data rate, FEC, information |
|---------------------------|---------|-----------|--|

| | | | |
|---------------------------|---------|-----------|--|
| 5925.0000 - 6047.0000 MHz | 36M0G7W | 72.24 dBW | Digital traffic, various data rate, FEC, information |
|---------------------------|---------|-----------|--|

| | | | |
|---------------------------|---------|-----------|--|
| 6079.0000 - 6315.0000 MHz | 36M0G7W | 72.24 dBW | Digital traffic, various data rate, FEC, information |
|---------------------------|---------|-----------|--|

| | | | |
|---------------------------|---------|-----------|--|
| 6361.0000 - 6425.0000 MHz | 36M0G7W | 72.24 dBW | Digital traffic, various data rate, FEC, information |
|---------------------------|---------|-----------|--|

| | | |
|---------------------------|---------|--|
| 3700.0000 - 4200.0000 MHz | 51K2G7W | Digital traffic, various data rate, FEC, information |
|---------------------------|---------|--|

| | | |
|---------------------------|---------|--|
| 3700.0000 - 4200.0000 MHz | 36M0G7W | Digital traffic, various data rate, FEC, information |
|---------------------------|---------|--|

Points of Communication:

4.5M - PERMITTED LIST - ()

SES-MOD-20110518-00597 E E070072 INFOSAT ABLE HOLDINGS, INC.

Application for Modification

Class of Station: VSAT Network

Nature of Service: Fixed Satellite Service

"MOD" to add a new terminal type to its existing VSAT authority.

SITE ID: REMOTE1

LOCATION: 1.2 M VSAT (10,000 UNITS), CONUS

| | | | |
|-----------------------------|------------|--------|-----------|
| ANTENNA ID: REMOTE 1 | 1.2 meters | ANDREW | 621235611 |
|-----------------------------|------------|--------|-----------|

| | | | |
|-----------------------------|---------|-----------|-----------------------------------|
| 14000.0000 - 14500.0000 MHz | 518KG7W | 47.10 dBW | 518 KBPS R .66 QPSK, DIGITAL DATA |
|-----------------------------|---------|-----------|-----------------------------------|

| | | |
|-----------------------------|---------|-------------------------------------|
| 11700.0000 - 12200.0000 MHz | 6M81G7W | 9000 KBPS R .793 QPSK, DIGITAL DATA |
|-----------------------------|---------|-------------------------------------|

SITE ID: REMOTE2

LOCATION: 2.4M. VSAT, CONUS, AK (50 UNITS)

| | | | |
|----------------------------|------------|--------|----------|
| ANTENNA ID: REMOTE2 | 2.4 meters | ANDREW | TYPE 243 |
|----------------------------|------------|--------|----------|

| | | | |
|-----------------------------|---------|-----------|-----------------------------------|
| 14000.0000 - 14500.0000 MHz | 518KG7W | 45.00 dBW | 518 KBPS R .66 QPSK, DIGITAL DATA |
|-----------------------------|---------|-----------|-----------------------------------|

| | | |
|-----------------------------|---------|-------------------------------------|
| 11700.0000 - 12200.0000 MHz | 6M81G7W | 9000 KBPS R .793 QPSK, DIGITAL DATA |
|-----------------------------|---------|-------------------------------------|

Points of Communication:

REMOTE1 - ALSAT - (ALSAT)

REMOTE1 - ANIK F2 - (111.1 W.L.)

REMOTE2 - ALSAT - (ALSAT)

SES-REG-20110519-00605 E E110087 GUAM EDUCATIONAL TELECOM CORP.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 194 SESAME ST. AT WASH. DR. (KGTF-TV), MANGILAO, GU
13 ° 26 ' 17.50 " N LAT. 144 ° 48 ' 24.90 " E LONG.

ANTENNA ID: PBS C-1 4.5 meters PATRIOT ANT. SYSTEMS 4.5 METER
3700.0000 - 4200.0000 MHz 2M00G7W DIGITAL MODULATION DVB-S2
3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL MODULATION DVB-S2

Points of Communication:

1 - ALSAT - (ALSAT)

SES-REG-20110519-00606 E E110088 GOV'T OF AMERICAN SAMOA, OFFICE OF PUBLIC INFORMATION

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 100 KVZK STREET (KVZK TV), PAGO PAGO, AS
14 ° 16 ' 45.00 " S LAT. 170 ° 41 ' 0.00 " W LONG.

ANTENNA ID: PBS C-1 4.5 meters PATRIOT ANT. SYSTEMS 4.5 METER
3700.0000 - 4200.0000 MHz 2M00G7W DIGITAL MODULATION, DVB-S2
3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL MODULATION, DVB-S2

Points of Communication:

1 - ALSAT - (ALSAT)

SES-STA-20110510-00570 E Intelsat License LLC

Special Temporary Authority

Class of Station:

Intelsat License LLC herein requests a Special Temporary Authority (STA) for a period of 180 days to test a 1.2 meter Ku-band antenna located at its Napa, California teleport. Specifically, Intelsat intends to use this antenna to communicate with its Galaxy 16 satellite at 99.0 W.L.

Points of Communication:

For more information concerning this Notice, contact the Satellite Division at 418-0719; TTY 202-418-2555.