



UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION

RADIO STATION AUTHORIZATION

Name: Global Eagle Telecom Licensing Subsidiary LLC, Debtor-in-Possession **Call Sign:** E050281
Authorization Type: Renewal of License **File Number:** SES-RWL-20201013-01111
Non Common Carrier **Grant date:** 12/16/2020 **Expiration Date:** 12/16/2035

Nature of Service: Fixed Satellite Service

Class of Station: Earth Stations on-board Vessels/VSAT

A) Site Location(s)

#	Site ID	Address	Latitude	Longitude	Elevation (Meters)	Special Provisions NAD (Refer to Section H)
1)	ESV REMOTE	Operate up to 200 2.4M remotes Atlantac Ocean, Pacific Ocean, Gulf of Mexico, Caribbean Sea, Licensee certifies antenna(s) do not comply with Section 25.209. Please refer to Section E for special conditions placed upon antennas at this site.				83
2)	HUB B	200 Telegraph Hill Road Holmdel, Monmouth, NJ 07733 Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209	40°23'40.0"N	74°10'26.0"W	104.2	27
3)	HUB C	200 Telegraph Hill Road Holmdel, Monmouth, NJ 07733 Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209	40°23'43.1"N	74°10'20.3"W	104.5	27
4)	HUB D	200 Telegraph Hill Road Holmdel, Monmouth, NJ 07733 Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209	40°23'40.5"N	74°10'24.5"W	107.6	27
5)	HUB E	200 Telegraph Hill Road Holmdel, Monmouth, FL 07733 Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209	40°23'41.7"N	74°10'22.8"W	110	27
6)	HUB F	200 Telegraph Hill Road Holmdel, Monmouth, FL 07733 Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209	40°23'39.7"N	74°10'24.1"W	103.7	27



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A) Site Location(s)

#	Site ID	Address	Latitude	Longitude	Elevation (Meters)	Special Provisions NAD (Refer to Section H)
7)	HUB G	200 Telegraph Hill Road Holmdel, Monmouth, FL 07733	40°23'40.0"N	74°10'26.0"W	103.7	27
		Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209				
8)	HUB H	200 Telegraph Hill Road Holmdel, Monmouth, NJ 07733	40°23'42.0"N	74°10'25.0"W	103.6	27
		Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209				
9)	Miramar ES	3044 N. Commerce Parkway Miramar, Broward, FL 33025	25°58'54.6"N	80°16'59.5"W	2.06	83
		Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209				
10)	Petaluma Remote	1333 N. McDowell Blvd., Suite A Petaluma, Sonoma, CA 94954	38°16'12.0"N	122°39'36.0"W	10.06	83
		Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209				

Subject to the provisions of the Communications Act of 1934, The Communications Satellite Act of 1962, subsequent acts and treaties, and all present and future regulations made by this Commission, and further subject to the conditions and requirements set forth in this license, the grantee is authorized to construct, use and operate the radio facilities described below for radio communications for the term beginning December 16, 2020 (3 AM Eastern Standard Time) and ending December 16, 2035 (3 AM Eastern Standard Time) . The required date of completion of construction and commencement of operation is 00/00/0000. Grantee must file with the Commission a certification upon completion of construction and commencement of operation.



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B) Particulars of Operations

The General Provision 1010 applies to all receiving frequency bands.
The General Provision 1900 applies to all transmitting frequency bands.
For the text of these provisions, refer to Section H.

#	Frequency (MHz)	Polarization Code	Emission	Tx/Rx Mode	Max EIRP /Carrier (dBW)	Max EIRP Density /Carrier (dBW/4kHz)	Associated Antenna	Special Provisions (Refer to Section H)	Modulation/ Services
1)	5925.0000-6425.0000	H, V, L, R	1M40G7W	Tx	56.96	31.55	24C-ESV		BPSK; QPSK; video, voice and data
2)	3700.0000-4200.0000	H, V, L, R		Rx			24C-ESV		
3)	6414.0000-6425.0000	H, V, L, R	1M40G7W	Tx	55.50	31.50	MTN24C-P		BPSK; QPSK; Video, voice data
4)	5925.0000-6391.0000	H, V, L, R	1M40G7W	Tx	55.50	31.50	MTN24C-P		BPSK; QPSK; Video, voice data
5)	3700.0000-4200.0000	H, V, L, R	1M40G7W	Rx			MTN24C-P		BPSK; QPSK; Video, voice data
6)	5925.0000-6425.0000	H, V, L, R	7M00G7W	Tx	70.85	38.54	MTN45C-H		QPSK; digital, video, voice and data; IBS
7)	3700.0000-4200.0000	H, V, L, R	7M00G7W	Rx	0.00	0.00	MTN45C-H		QPSK; digital, video, voice and data; IBS

C) Frequency Coordination Limits

#	Frequency Limits (MHz)	Satellite Arc (Deg. Long.)		Elevation (Degrees)		Azimuth (Degrees)		Max EIRP Density toward Horizon (dBW/4kHz)	Associated Antenna(s)
		East Limit	West Limit	East Limit	West Limit	East Limit	West Limit		
1)	3700.0000-4200.0000	20.0W	-143.0W	18.2	-16.0	104.0	-257.3		MTN45C-H
2)	5925.0000-6425.0000	20.0W	-143.0W	18.2	-16.0	104.0	-257.3	-15.35	MTN45C-H
3)	3700.0000-4200.0000								24C-ESV
4)	5925.0000-6425.0000								24C-ESV
5)	6414.0000-6425.0000	116.0W	-177.0W	45.1	-19.0	169.3	-246.0	31.5	MTN24C-P
6)	3700.0000-4200.0000	116.0W	-177.0W	45.1	-19.0	169.3	-246.0		MTN24C-P

D) Points of Communications

The following stations located in the Satellite orbits consistent with Sections B and C of this Entry:

- 1) Miramar ES to Permitted Space Station List
- 2) ESV REMOTE to INTELSAT 805 (S2404) @ 304.5 E.L. (U.S.-licensed)
- 3) ESV REMOTE to Eutelsat 113WA (S2695) @ 113 degrees W.L. (formerly SATMEX 6) (Mexico-licensed)
- 4) ESV REMOTE to AMC 7 (S2155) @ 135 W.L. (U.S.-licensed)



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D) Points of Communications

The following stations located in the Satellite orbits consistent with Sections B and C of this Entry:

- 5) ESV REMOTE to INTELSAT 903 (S2407) @ 34.5 degrees W.L. (U.S.-licensed)
- 6) ESV REMOTE to AMSC 1 satellite @ 103 degrees W.L. (U.S.-licensed)
- 7) ESV REMOTE to New Skies Satellite, N.V. 7 (S2463) @ 20 W.L. (Netherlands-licensed)
- 8) HUB G to Permitted Space Station List
- 9) HUB G to STATIONAR 4 @ 14.0 W.L. satellite(s) of the INTERSPUTNIK system (Non-U.S.-licensed)
- 10) HUB H to Permitted Space Station List
- 11) HUB B to Permitted Space Station List
- 12) HUB C to Permitted Space Station List
- 13) HUB D to Permitted Space Station List
- 14) HUB E to Permitted Space Station List
- 15) HUB F to Permitted Space Station List
- 16) Petaluma Remote to SATMEX-5 @ 116.8 W.L. (Mexico-licensed)
- 17) Petaluma Remote to NSS- 9 (S2756) @ 177 W.L. (Netherlands-licensed)
- 18) Petaluma Remote to HORIZONS 1 (S2475) @ 127 degrees W.L. (Japan-licensed)

E) Antenna Facilities

Site ID	Antenna ID	Units	Diameter (meters)	Manufacturer	Model number	Site Elevation (Meters)	Max Antenna Height (Meters)	Special Provisions (Refer to Section H)
ESV REMOTE	24C-ESV	200	2.4	Sea Tel Inc.	9797-11			167
	Max Gains(s):	38.5 dBi @	3.9500 GHz	41.7 dBi @	6.1800 GHz			
	Maximum total input power at antenna flange (Watts) =				33.58			
	Maximum aggregate output EIRP for all carriers (dBW) =				56.96			
Petaluma Remote	MTN24C-P	2	2.4	Sea Tel Inc.	9797-11	10.06		
	Max Gains(s):	38.5 dBi @	3.9500 GHz	41.7 dBi @	6.1800 GHz			
	Maximum total input power at antenna flange (Watts) =				33.58			
	Maximum aggregate output EIRP for all carriers (dBW) =				56.96			
Miramar ES	MTN45C-H	1	4.5	Andrew Corp.	ES45MP-1	2.06	3.6 AGL/ 5.66 AMSL	
	Max Gains(s):	43.8 dBi @	4.0000 GHz	46.6 dBi @	6.1750 GHz			
	Maximum total input power at antenna flange (Watts) =				266.11			
	Maximum aggregate output EIRP for all carriers (dBW) =				70.85			



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F) Remote Control Point:

ESV REMOTE 3044 N. COMMERCE PARKWAY

Call Sign:

MIRAMAR, BROWARD, FL 33025

954-538-4074

HUB B 3044 N. COMMERCE PARKWAY

Call Sign: E859623

MIRAMAR, BROWARD, FL 33025

954-538-4074

HUB C 3044 N. COMMERCE PARKWAY

Call Sign: E990325

MIRAMAR, BROWARD, FL 33025

954-538-4074

HUB D 3044 N. COMMERCE PARKWAY

Call Sign: E990328

MIRAMAR, BROWARD, FL 33025

954-538-4074

HUB E 3044 N. COMMERCE PARKWAY

Call Sign: E990325

MIRAMAR, BROWARD, FL 33025

954-538-4074

HUB F 3044 N. COMMERCE PARKWAY

Call Sign: KA257

MIRAMAR, BROWARD, FL 33025

954-538-4074

HUB G 3044 N. COMMERCE PARKWAY

Call Sign: KA322

MIRAMAR, BROWARD, FL 33025

954-538-4074

HUB H 3044 N. COMMERCE PARKWAY

Call Sign: KA434

MIRAMAR, BROWARD, FL 33025

954-538-4074



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F) Remote Control Point:

Petaluma 200 Telegraph Hill Road Call Sign:
Remote

Homdel, Monmouth, NJ 07733
732-739-2874

G) Antenna Structure marking and lighting requirements:

None unless otherwise specified under Special and General Provisions

H) Special and General Provisions

- A) This RADIO STATION AUTHORIZATION is granted subject to the following special provisions and general conditions:
- 4 --- Licensee must ensure that a current listing of the name, title, mailing address, email address, and telephone number of the responsible point of contact are on file at the FCC. Any changes must be filed electronically in the International Bureau Filing System (MyIBFS) using the "Pleadings and Comments" link on the MyIBFS homepage within 10 days of the change.
 - 6 --- Licensee must comply with the license modification and notification requirements of 47 CFR § 25.118 to change the coordinates of its authorized earth station.
 - 8 --- Licensee must notify the Commission when all earth stations operating under this authorization are no longer operational or when they have not been used to provide any service during any 6-month operation.
 - 105 --- Subject to Rule Making: This license is subject to the outcome of any future rule making concerning ESV operations. Grant of this authorization shall not prejudice the outcome of any rulemaking.
 - 167 --- This authorization is limited to the total number of terminals listed in Section A of this license for this Site ID.
 - 207 --- Operations to communicate with ALSAT-designated satellites is limited to the 4.5 meter Miramar Fixed Earth Station using the 3700-4200 and 5925-6425 MHz bands only.
 - 90398 --- Changes to previously authorized transmitting facilities, operations and devices regulated by the Commission that may have significant environmental impact, and are not excluded by §1.1306, require the preparation of an Environmental Assessment (EA) by the licensee. (See 47 C.F.R. §§1.1307, 1.1308 and 1.1311)
 - 90399 --- The licensee shall, at all times, take all necessary measures to ensure that operation of this (these) authorized earth station(s) does not create potential exposure of humans to radiofrequency radiation in excess of the FCC exposure limits defined in 47 CFR §§ 1.1307(b) and 1.1310. Physical measures must be taken to ensure compliance with limits for both occupational/controlled exposure and for general population/uncontrolled exposure, as defined in these rule sections. Compliance can be accomplished in most cases by appropriate restrictions, such as fencing. Requirements for restrictions can be determined by predictions based on calculations, modeling, or by field measurements. The FCC's OET Bulletin 65 (available on-line at www.fcc.gov/oet/rfsafety) provides information on predicting exposure levels and on methods for ensuring compliance, including the use of warning and alerting signs and protective equipment for workers.



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H) Special and General Provisions

A) This RADIO STATION AUTHORIZATION is granted subject to the following special provisions and general conditions:

90405 --- Operations with PERMITTED LIST satellite must comply with §25.212 levels and operations above these levels must coordinate with satellite operators prior to operations.

900407 --- The Permitted Space Station List (Permitted List) is a list of all geostationary space stations providing fixed-satellite service pursuant to a Commission license or grant of U.S. market access. The Permitted List currently includes the following frequency bands per §25.103 and §25.115(k)(1):

- 3600-4200 MHz (space-to-Earth)
- 5850-6725 MHz (Earth-to-space)
- 10.95-11.2 GHz (space-to-Earth)
- 11.45-12.2 GHz (space-to-Earth)
- 13.75-14.5 GHz (Earth-to-space)
- 18.3-18.8 GHz (space-to-Earth)
- 19.7-20.2 GHz (space-to-Earth)
- 24.75-25.25 GHz (Earth-to-space)
- 28.35-28.6 GHz (Earth-to-space)
- 29.25-30.0 GHz (Earth-to-space).

Earth stations with "Permitted List" designated as a point of communication may access any space station on the Permitted List, provided the operations comply with the applicable "routine" uplink and downlink limits, are within the specific frequency bands authorized in the earth station license, have completed coordination with terrestrial stations pursuant to §25.203, and otherwise comply with all terms and conditions of both the earth station license and the space station grant.



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B) This RADIO STATION AUTHORIZATION is granted subject to the additional conditions specified below:

This authorization is issued on the grantee's representation that the statements contained in the application are true and that the undertakings described will be carried out in good faith.

This authorization shall not be construed in any manner as a finding by the Commission on the question of marking or lighting of the antenna system should future conditions require. The grantee expressly agrees to install such marking or lighting as the Commission may require under the provisions of Section 303(q) of the Communications Act. 47 U.S.C. § 303(q).

Neither this authorization nor the right granted by this authorization shall be assigned or otherwise transferred to any person, firm, company or corporation without the written consent of the Commission. This authorization is subject to the right of use or control by the government of the United States conferred by Section 706 of the Communications Act. 47 U.S.C. § 706. Operation of this station is governed by Part 25 of the Commission's Rules. 47 C.F.R. Part 25.

This authorization shall not vest in the licensee any right to operate this station nor any right in the use of the designated frequencies beyond the term of this license, nor in any other manner than authorized herein.

This authorization is issued on the grantee's representation that the station is in compliance with environmental requirements set forth in Section 1.1307 of the Commission's Rules. 47 C.F.R. § 1.1307.

This authorization is issued on the grantee's representation that the station is in compliance with the Federal Aviation Administration (FAA) requirements as set forth in Section 17.4 of the Commission's Rules. 47 C.F.R. § 17.4.

The following condition applies when this authorization permits construction of or modifies the construction permit of a radio station.

This authorization shall be automatically forfeited if the station does not meet each required construction deadline by the required date of completion unless, before such date(s), a specific application is timely filed to request an extension of the construction deadline(s), supported with good cause why that failure to construct by the required date was due to factors not under control of the grantee.

Licensees are required to pay annual regulatory fees related to this authorization. The requirement to collect annual regulatory fees from regulatees is contained in Public Law 103-66, "The Omnibus Budget Reconciliation Act of 1993." These regulatory fees, which are likely to change each fiscal year, are used to offset costs associated with the Commission's enforcement, public service, international and policy and rulemaking activities. The Commission issues a Report and Order each year, setting the new regulatory fee rates. Receive only earth stations are exempt from payment of regulatory fees.