

**NARRATIVE**  
**ATLAS SPACE OPERATIONS**  
**HARMON, GUAM EARTH STATION AUTHORIZATION REQUEST**

**DESCRIPTION**

This application is for earth station facilities to be used in connection with the BlackSky Global commercial satellite constellation, consisting of four satellites, Global-1 through Global-4. See FCC File No. SAT-LOA-20180320-00023, Call Sign S3032. The earth station facilities that are subject to this application would be used for communications with the all four Global satellites.

**S Band**

Atlas owns and operates the antenna providing the UHF uplink and the antenna providing the S-band uplink. Attached to this filing are the radiation hazards studies for the S-band uplinks, See Exhibit 2, as well as the frequency coordination report for the S-band uplink, Exhibit 3.

**UHF Band**

The radiation hazard study for the UHF band uplink is included in Exhibit 1. The UHF uplink interference search found one licensed Broadcast Auxiliary Remote Pickup, call sign: KPN725, operating in the adjacent frequency band of interest. It is operated by Guam Education Radio Foundation. The local SBE coordinator has been contacted and coordination with the SBE and the Guam Education Radio Foundation will be completed prior to commencement of services. The Atlas facility will operate on a non-interference basis with any adjacent band BAS facilities. Table 1 below details the licenses found in the-band and in the adjacent UHF bands. For both the ULS and the IBFS database there were no licenses in the 400-402 MHz frequency band.

Call Sign	Name	Radio Service	Status	Expiration Date	Frequency	Link
KPF271	SORENSEN PACIFIC BROADCASTING, INC.	RP	Canceled	2/1/2022	450.55	<a href="http://wireless2.fcc.gov/UlsApp/UlsSearch/license.jsp?licKey=1118952">http://wireless2.fcc.gov/UlsApp/UlsSearch/license.jsp?licKey=1118952</a>
KPN725	GUAM EDUCATIONAL RADIO FOUNDATION	RP	Active	2/1/2022	450.35	<a href="http://wireless2.fcc.gov/UlsApp/UlsSearch/license.jsp?licKey=1122174">http://wireless2.fcc.gov/UlsApp/UlsSearch/license.jsp?licKey=1122174</a>

Table 1 – ULS UHF Licensed facilities in Guam at 450 MHz

# UHF Call Sign KPN725

**REFERENCE COPY**

This is not an official FCC license. It is a record of public information contained in the FCC's licensing database on the date that this reference copy was generated. In cases where FCC rules require the presentation, posting, or display of an FCC license, this document may not be used in place of an official FCC license.



**Federal Communications Commission  
Wireless Telecommunications Bureau**

**RADIO STATION AUTHORIZATION**

LICENSEE: GUAM EDUCATIONAL RADIO FOUNDATION

GUAM EDUCATIONAL RADIO FOUNDATION  
303 UNIVERSITY DRIVE UOG STATION  
MANGILAO, GU 96923

<b>Call Sign</b> KPN725	<b>File Number</b>
<b>Radio Service</b> RP - Broadcast Auxiliary Remote Pickup	
<b>Regulatory Status</b> PMRS	
<b>Frequency Coordination Number</b>	

FCC Registration Number (FRN): 0001727262

<b>Grant Date</b> 11-28-1994	<b>Effective Date</b> 11-28-1994	<b>Expiration Date</b> 02-01-2022	<b>Print Date</b> 01-28-2014
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**STATION TECHNICAL SPECIFICATIONS**

**Fixed Location Address or Mobile Area of Operation**

**Loc. 1 Address:** ON TOP OF MOUNT BARRIGADA  
City: AGANA County: State: GU  
Lat (NAD83): 13-29-22.2 N Long (NAD83): 144-49-38.7 E ASR No.: Ground Elev: 195.0

**Loc. 2 Area of operation**  
Operating within a 19.0 km radius around fixed location 1

**Antennas**

Loc No.	Ant No.	Frequencies (MHz)	Sta. Cls.	No. Units	No. Pagers	Emission Designator	Output Power (watts)	ERP (watts)	Ant. Ht./Tp (meters)	Ant. AAT (meter)	Construct Deadline Date
1	1	000450.35000000	FB	1		50K0F3E	30.000	189.300	43.0	s	
1	1	000450.35000000	FB2	1		50K0F3E	30.000	189.300	43.0		
1	1	000455.35000000	FB2	1		50K0F3E	30.000	189.300	43.0		
1	2	000455.35000000	FB	1		50K0F3E	30.000	189.300	43.0		
2	1	000450.35000000	MO	5		50K0F3E	30.000				

**Conditions:**  
Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

Licensee Name: GUAM EDUCATIONAL RADIO FOUNDATION

Call Sign: KPN725

File Number:

Print Date: 01-28-2014

**Antennas**

Loc No.	Ant No.	Frequencies (MHz)	Sta. Cls.	No. Units	No. Pagers	Emission Designator	Output Power (watts)	ERP (watts)	Ant. Ht./Tp meters	Ant. AAT meter	Construct Deadline Date
2	1	000455.35000000	MO	5		50K0F3E	30.000			s	

**Control Points**

Control Pt. No. 1

Address:

City: County: State: Telephone Number: (671)734-8930

**Associated Call Signs**

Broadcast Auxiliary Parent Station Facility ID Number 25515.

**Waivers/Conditions:**

NONE