

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:
SIS LIVE MOTOGP AUSTIN FLYAWAY 1 (04/2018)

1. Applicant

Name: SIS Live Ltd Phone Number: +441582842717
DBA Name: Fax Number:
Street: 2 Whitehall Ave, Kingston E-Mail: jh@beaconseek.com
City: Milton Keynes State:
Country: United Kingdom Zipcode:
Attention: Mr Jonathan Higgins



File # SES-SIA 20180222-00159
Call Sign 3-2918 Grant Date 3-29-18
(or other identifier) Term Dates
From: 4-16-18 To: 5-16-18
Approved: [Signature]

Applicant: SIS Live Ltd
Call Sign: N/A
File No.: SES-STA-20180222-00159

SIS Live Ltd is granted special temporary authority (STA) for 30 days, beginning April 16, 2018, to operate its Temporary-Fixed Earth Station located in TX, to provide events coverage of MotoGP Austin Flyaway using the Galaxy 17 satellite (S2715) at the 91 W.L. orbital location and transmitting in the 14.322-14.331 GHz, 14.340-14.358 GHz and 14.346-14.358 GHz (Earth-to-space) frequency bands under the following conditions:

1. Operations shall not cause harmful interference to or claim protection from other lawfully operating stations and it shall cease transmission(s) immediately upon notice of such interference.
2. Operations will not exceed the operational power levels and parameters requested.
3. In the event of any harmful interference as a result of operations under this grant of STA, SIS Live Ltd. shall cease operations immediately upon notification of such interference and shall immediately inform the Commission, in writing, of such an event.
4. Transmitter(s) must be turned off during antenna maintenance to ensure compliance with the FCC-specified safety guidelines for human exposure to radiofrequency radiation in the region between the antenna feed and the reflector. Appropriate measure must also be taken to restrict access to other regions in which the earth station's power flux density levels exceed the specified guidelines.
5. Any action taken or expense incurred as a result of operations pursuant to this STA is solely at SIS Live Ltd risk.
6. Grant of this authorization is without prejudice to any determination that the Commission may make regarding pending or future SIS Live Ltd. applications.

This grant is issued pursuant to Section 0.261 of the Commission's rules on delegated authority, 47 C.F.R. § 0.261, and is effective upon release.



File # SES-STA-20180222-00159
Call Sign _____ Grant Date 3-29-18
(or other identifier)
From: 4-16-18 Term Dates To: 5-16-18
Approved: [Signature]

| | |
|---|------------------------------------|
| 2. Contact | |
| Name: Jonathan Higgins | Phone Number: +441582842717 |
| Company: BeaconSeek Ltd | Fax Number: |
| Street: Hithermailes 212 Mancroft Rd Aley Green | E-Mail: jh@beaconseek.com |
| City: Luton | State: |
| Country: United Kingdom | Zipcode: LU1 -4DR |
| Attention: | Relationship: Engineer |
| (If your application is related to an application filed with the Commission, enter either the file number or the IB Submission ID of the related application. Please enter only one.) | |
| 3. Reference File Number or Submission ID | |
| 4a. Is a fee submitted with this application? | |
| <input checked="" type="radio"/> If Yes, complete and attach FCC Form 159. If No, indicate reason for fee exemption (see 47 C.F.R. Section 1.1114). | |
| <input type="radio"/> Governmental Entity <input type="radio"/> Noncommercial educational licensee | |
| <input type="radio"/> Other (please explain): | |
| 4b. Fee Classification CGX – Fixed Satellite Transmit/Receive Earth Station | |
| 5. Type Request | |
| <input checked="" type="radio"/> Use Prior to Grant <input type="radio"/> Change Station Location <input type="radio"/> Other | |
| 6. Requested Use Prior Date 04/19/2018 | |
| 7. City Austin | |
| 8. Latitude (dd mm ss.s h) 30 8 5.0 N | |

| | |
|---|---|
| 9. State TX | 10. Longitude (dd mm ss.h) 97 38 32.0 W |
| 11. Please supply any need attachments. Attachment 1: 312 Form Attachment 2: Attachment 3: | |
| 12. Description. (If the complete description does not appear in this box, please go to the end of the form to view it in its entirety.) Operation of flyaway for coverage of Moto GP for rights holders - operational 19-22 April 2018 | |
| 13. By checking Yes, the undersigned certifies that neither applicant nor any other party to the application is subject to a denial of Federal benefits that includes FCC benefits pursuant to Section 5301 of the Anti-Drug Act of 1988, 21 U.S.C. Section 862, because of a conviction for possession or distribution of a controlled substance. See 47 CFR 1.2002(b) for the meaning of "party to the application"; for these purposes. Yes <input checked="" type="radio"/> No <input type="radio"/> | |
| 14. Name of Person Signing Jonathan Higgins | 15. Title of Person Signing Chartered Engineer |
| WILLFUL FALSE STATEMENTS MADE ON THIS FORM ARE PUNISHABLE BY FINE AND / OR IMPRISONMENT (U.S. Code, Title 18, Section 1001), AND/OR REVOCATION OF ANY STATION AUTHORIZATION (U.S. Code, Title 47, Section 312(a)(1)), AND/OR FORFEITURE (U.S. Code, Title 47, Section 503). | |

FCC NOTICE REQUIRED BY THE PAPERWORK REDUCTION ACT

The public reporting for this collection of information is estimated to average 2 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the required data, and completing and reviewing the collection of information. If you have any comments on this burden estimate, or how we can improve the collection and reduce the burden it causes you, please write to the Federal Communications Commission, AMD-PERM, Paperwork Reduction Project (3060-0678), Washington, DC 20554. We will also accept your comments regarding the Paperwork Reduction Act aspects of this collection via the Internet if you send them to PRA@fcc.gov. PLEASE DO NOT SEND COMPLETED FORMS TO THIS ADDRESS.

Remember – You are not required to respond to a collection of information sponsored by the Federal government, and the government may not conduct or sponsor this collection, unless it displays a currently valid OMB control number or if we fail to provide you with this notice. This collection has been assigned an OMB control number of 3060-0678.

THE FOREGOING NOTICE IS REQUIRED BY THE PAPERWORK REDUCTION ACT OF 1995, PUBLIC LAW 104-13, OCTOBER 1, 1995, 44 U.S.C. SECTION 3507.

Approved by OMB
3060-0678

Date & Time Filed:
File Number: ---
Callsign/Satellite ID:

| APPLICATION FOR EARTH STATION AUTHORIZATIONS | | FCC Use Only |
|---|-----------------------------------|-----------------------------|
| FCC 312 MAIN FORM FOR OFFICIAL USE ONLY | | |
| APPLICANT INFORMATION Enter a description of this application to identify it on the main menu: SIS LIVE MOTOGP AUSTIN FLYAWAY 2 (04/2018) | | |
| 1-8. Legal Name of Applicant | Name: SIS Live Ltd | Phone Number: +441582842717 |
| | DBA Name: | Fax Number: |
| | Street: 2 Whitehall Ave, Kingston | E-Mail: jh@beaconseek.com |
| | City: Milton Keynes | State: - |
| | Country: United Kingdom | Zipcode: - |
| | Attention: Mr Jonathan Higgins | |
| 9-16. Name of Contact Representative | Name: Jonathan Higgins | Phone Number: +441582842717 |
| | Company: BeaconSeek Ltd | Fax Number: |

Street: Hithermailes 212 Mancroft Rd
 Aley Green
 City: Luton
 Country: United Kingdom
 Attention: Jonathan Higgins

E-Mail: jh@beaconseek.com
 State:
 Zipcode: LU1 -4DR
 Relationship: Engineer

CLASSIFICATION OF FILING

17. Choose the button next to the classification that applies to this filing for both questions a. and b. Choose only one for 17a and only one for 17b.

a.

- a1. Earth Station
- (N/A) a2. Space Station

b.

- b1. Application for License of New Station
- b2. Application for Registration of New Domestic Receive-Only Station
- (N/A) b3. Amendment to a Pending Application
- (N/A) b4. Modification of License or Registration
- (N/A) b5. Assignment of License or Registration
- (N/A) b6. Transfer of Control of License or Registration
- (N/A) b7. Notification of Minor Modification
- (N/A) b8. Application for License of New Receive-Only Station Using Non-U.S. Licensed Satellite
- (N/A) b9. Letter of Intent to Use Non-U.S. Licensed Satellite to Provide Service in the United States
- b10. Other (Please specify)
- b11. Application for Earth Station to Access a Non-U.S. satellite Not Currently Authorized to Provide the Proposed Service in the Proposed Frequencies in the United States.

17c. Is a fee submitted with this application?
 If Yes, complete and attach FCC Form 159.
 If No, indicate reason for fee exemption (see 47 C.F.R. Section 1.1114).
 Governmental Entity
 Noncommercial educational licensee
 Other (please explain):

17d.
 Fee Classification BAX - Fixed Satellite Transmit/Receive Earth Station

18. If this filing is in reference to an existing station, enter:
 19. If this filing is an amendment to a pending application enter:

| | |
|---|---|
| (a) Call sign of station: Not Applicable | (b) File number of pending application: Not Applicable |
|---|---|

TYPE OF SERVICE

20. NATURE OF SERVICE: This filing is for an authorization to provide or use the following type(s) of service(s): Select all that apply:

a. Fixed Satellite
 b. Mobile Satellite
 c. Radiodetermination Satellite
 d. Earth Exploration Satellite
 e. Direct to Home Fixed Satellite
 f. Digital Audio Radio Service
 g. Other (please specify)

21. STATUS: Choose the button next to the applicable status. Choose only one.

Common Carrier Non-Common Carrier

22. If earth station applicant, check all that apply.

Using U.S. licensed satellites
 Using Non-U.S. licensed satellites

23. If applicant is providing INTERNATIONAL COMMON CARRIER service, see instructions regarding Sec. 214 filings. Choose one. Are these facilities:

Connected to a Public Switched Network Not connected to a Public Switched Network N/A

24. FREQUENCY BAND(S): Place an "X" in the box(es) next to all applicable frequency band(s).

a. C-Band (4/6 GHz) b. Ku-Band (12/14 GHz)
 c. Other (Please specify upper and lower frequencies in MHz.)
 Frequency Lower: _____ Frequency Upper: _____

TYPE OF STATION

25. CLASS OF STATION: Choose the button next to the class of station that applies. Choose only one.

a. Fixed Earth Station
 b. Temporary-Fixed Earth Station
 c. 12/14 GHz VSAT Network
 d. Mobile Earth Station
 (N/A) e. Geostationary Space Station

(N/A) f. Non-Geostationary Space Station
 g. Other (please specify)

26. TYPE OF EARTH STATION FACILITY: Choose only one.
 Transmit/Receive Transmit-Only Receive-Only N/A

PURPOSE OF MODIFICATION

27. The purpose of this proposed modification is to: (Place an 'X' in the box(es) next to all that apply.)
Not Applicable

ENVIRONMENTAL POLICY

28. Would a Commission grant of any proposal in this application or amendment have a significant environmental impact as defined by 47 CFR 1.1307? If YES, submit the statement as required by Sections 1.1308 and 1.1311 of the Commission's rules, 47 C.F.R. §§ 1.1308 and 1.1311, as an exhibit to this application. A Radiation Hazard Study must accompany all applications for new transmitting facilities, major modifications, or major amendments.
 Yes No

ALIEN OWNERSHIP Earth station applicants not proposing to provide broadcast, common carrier, aeronautical en route or aeronautical fixed radio station services are not required to respond to Items 30-34.

29. Is the applicant a foreign government or the representative of any foreign government?
 Yes No

30. Is the applicant an alien or the representative of an alien?
 Yes No N/A

31. Is the applicant a corporation organized under the laws of any foreign government?
 Yes No N/A

32. Is the applicant a corporation of which more than one-fifth of the capital stock is owned of record or voted by aliens or their representatives or by a foreign government or representative thereof or by any corporation organized under the laws of a foreign country?
 Yes No N/A

33. Is the applicant a corporation directly or indirectly controlled by any other corporation of which more than one-fourth of the capital stock is owned of record or voted by aliens, their representatives, or by a foreign government or representative thereof or by any corporation organized under the laws of a foreign country?
 Yes No N/A

34. If any answer to questions 29, 30, 31, 32 and/or 33 is Yes, attach as an exhibit an identification of the aliens or foreign entities, their nationality, their relationship to the applicant, and the percentage of stock they own or vote.

BASIC QUALIFICATIONS

Yes No

35. Does the Applicant request any waivers or exemptions from any of the Commission's Rules? If Yes, attach as an exhibit, copies of the requests for waivers or exceptions with supporting documents.

Yes No

36. Has the applicant or any party to this application or amendment had any FCC station authorization or license revoked or had any application for an initial, modification or renewal of FCC station authorization, license, or construction permit denied by the Commission? If Yes, attach as an exhibit, an explanation of circumstances.

Yes No

37. Has the applicant, or any party to this application or amendment, or any party directly or indirectly controlling the applicant ever been convicted of a felony by any state or federal court? If Yes, attach as an exhibit, an explanation of circumstances.

Yes No

38. Has any court finally adjudged the applicant, or any person directly or indirectly controlling the applicant, guilty of unlawfully monopolizing or attempting unlawfully to monopolize radio communication, directly or indirectly, through control of manufacture or sale of radio apparatus, exclusive traffic arrangement or any other means or unfair methods of competition? If Yes, attach as an exhibit, an explanation of circumstances

Yes No

39. Is the applicant, or any person directly or indirectly controlling the applicant, currently a party in any pending matter referred to in the preceding two items? If yes, attach as an exhibit, an explanation of the circumstances.

40. If the applicant is a corporation and is applying for a space station license, attach as an exhibit the names, address, and citizenship of those stockholders owning a record and/or voting 10 percent or more of the Filer's voting stock and the percentages so held. In the case of fiduciary control, indicate the beneficiary(ies) or class of beneficiaries. Also list the names and addresses of the officers and directors of the Filer.

Yes No

41. By checking Yes, the undersigned certifies, that neither applicant nor any other party to the application is subject to a denial of Federal benefits that includes FCC benefits pursuant to Section 5301 of the Anti-Drug Act of 1988, 21 U.S.C. Section 862, because of a conviction for possession or distribution of a controlled substance. See 47 CFR 1.2002(b) for the meaning of "party to the application" for these purposes.

Yes No

42a. Does the applicant intend to use a non-U.S. licensed satellite to provide service in the United States? If Yes, answer 42b and attach an exhibit providing the information specified in 47 C.F.R. 25.137, as appropriate. If No, proceed to question 43.

42b. What administration has licensed or is in the process of licensing the space station? If no license will be issued, what administration has coordinated or is in the process of coordinating the space station?

43. Description. (Summarize the nature of the application and the services to be provided). Use of temporary flyaway to provide coverage of Moto GP to rights holders - operational from April 16 2018 for no more than 30 days

43a. Geographic Service Rule Certification

By selecting A, the undersigned certifies that the applicant is not subject to the geographic service or geographic coverage requirements specified in 47 C.F.R. Part 25. A

By selecting B, the undersigned certifies that the applicant is subject to the geographic service or geographic coverage requirements specified in 47 C.F.R. Part 25 and will comply with such requirements. B

By selecting C, the undersigned certifies that the applicant is subject to the geographic service or geographic coverage requirements specified in 47 C.F.R. Part 25 and will not comply with such requirements because it is not feasible as a technical matter to do so, or that, while technically feasible, such services would require so many compromises in satellite design and operation as to make it economically unreasonable. A narrative description and technical analysis demonstrating this claim are attached. C

CERTIFICATION

The Applicant waives any claim to the use of any particular frequency or of the electromagnetic spectrum as against the regulatory power of the United States because of the previous use of the same, whether by license or otherwise, and requests an authorization in accordance with this application. The applicant certifies that grant of this application would not cause the applicant to be in violation of the spectrum aggregation limit in 47 CFR Part 20. All statements made in exhibits are a material part hereof and are incorporated herein as if set out in full in this application. The undersigned, individually and for the applicant, hereby certifies that all statements made in this application and in all attached exhibits are true, complete and correct to the best of his or her knowledge and belief, and are made in good faith.

44. Applicant is a (an): (Choose the button next to applicable response.)

- Individual
- Unincorporated Association
- Partnership
- Corporation
- Governmental Entity
- Other (please specify)
Limited Liability Corporation

45. Name of Person Signing
Jonathan Higgins

46. Title of Person Signing
Engineering Consultant

47. Please supply any need attachments.

Attachment 1:

Attachment 2:

Attachment 3:

WILLFUL FALSE STATEMENTS MADE ON THIS FORM ARE PUNISHABLE BY FINE AND / OR IMPRISONMENT
 (U.S. Code, Title 18, Section 1001), AND/OR REVOCATION OF ANY STATION AUTHORIZATION
 (U.S. Code, Title 47, Section 312(a)(1)), AND/OR FORFEITURE (U.S. Code, Title 47, Section 503).

SATELLITE EARTH STATION AUTHORIZATIONS
FCC Form 312 - Schedule B:(Technical and Operational Description)

FOR OFFICIAL USE ONLY

Location of Earth Station Site

E1. Site Identifier: Circuit of Americas UKI-1945
 E2. Contact Name: Paul Pigott +447590417091
 E3. Street: 9201 Circuit of Americas Boulevard Austin
 E4. State: TX 78617
 E10. Area of Operation: Raceway secure area
 E11. Latitude: 30 ° 8 ' 5.0 " N
 E12. Longitude: 97 ° 38 ' 32.0 " W
 E13. Lat/Lon Coordinates are: NAD-27 NAD-83 N/A
 E14. Site Elevation (AMSL): 156.0 meters

E15. If the proposed antenna(s) operate in the Fixed Satellite Service (FSS) with geostationary satellites, do(es) the proposed antenna(s) comply with the antenna gain patterns specified in Section 25.209(a) and (b) as demonstrated by the manufacturer's qualification measurement? If NO, provide a technical analysis showing compliance with two-degree spacing policy. Yes No N/A

E16. If the proposed antenna(s) do not operate in the Fixed Satellite Service (FSS), or if they operate in the Fixed Satellite Service (FSS) with non-geostationary satellites, do(es) the proposed antenna(s) comply with the antenna gain patterns specified in Section 25.209(a2) and (b) as demonstrated by the manufacturer's qualification measurements? Yes No N/A

| | | |
|--|---------------------------|-------------------------------------|
| E17. Is the facility operated by remote control? If YES, provide the location and telephone number of the control point. | <input type="radio"/> Yes | <input checked="" type="radio"/> No |
| E18. Is frequency coordination required? If YES, attach a frequency coordination report as | <input type="radio"/> Yes | <input checked="" type="radio"/> No |
| E19. Is coordination with another country required? If YES, attach the name of the country(ies) and plot of coordination contours as | <input type="radio"/> Yes | <input checked="" type="radio"/> No |
| E20. FAA Notification - (See 47 CFR Part 17 and 47 CFR part 25.113(c)) Where FAA notification is required, have you attached a copy of a completed FCC Form 854 and or the FAA's study regarding the potential hazard of the structure to aviation? FAILURE TO COMPLY WITH 47 CFR PARTS 17 AND 25 WILL RESULT IN THE RETURN OF THIS APPLICATION. | <input type="radio"/> Yes | <input checked="" type="radio"/> No |

POINTS OF COMMUNICATION

Satellite Name: GALAXY 17 (S2715) | GALAXY 17 | 91 W.L. If you selected OTHER, please enter the following:

| | |
|----------------------|----------------|
| E21. Common Name: | E22. ITU Name: |
| E23. Orbit Location: | E24. Country: |

POINTS OF COMMUNICATION (Destination Points)

| | |
|---|-------------------|
| E25. Site Identifier: Circuit of Americas | E27. Country: USA |
| E26. Common Name: | |

ANTENNA

| Site ID | E28. Antenna Id | E29. Quantity | E30. Manufacturer | E31. Model | E32. Antenna Size | E41/42. Antenna Gain Transmitt and/or Recieve(dBi at GHz) | |
|---------------------|--------------------------------------|----------------------------------|-------------------------------|--|--|--|---------------------------------------|
| Circuit of Americas | UKI-1944 | 1 | Vislink | Mantis 240 | 2.4 | 49.3 dBi at 14.25 | |
| E28. Antenna Id | E33/34. Diameter Minor/Major(meters) | E35. Above Ground Level (meters) | E36. Above Sea Level (meters) | E37. Building Height Above Ground Level (meters) | E38. Total Input Power at antenna flange (Watts) | E39. Maximum Antenna Height Above Rooftop (meters) | E40. Total EIRP for al carriers (dBW) |
| UKI-1944 | 2.4/2.4 | 2.0 | 161.0 | 5.0 | 90.0 | 0.0 | 68.0 |

FREQUENCY

| E28. Antenna Id | E43/44. Frequency Bands(MHz) | E45. T/R Mode | E46. Antenna Polarization(H,V,L,R) | E47. Emission Designator | E48. Maximum EIRP per Carrier(dBW) | E49. Maximum EIRP per Carrier(dBW/4kHz) |
|---|------------------------------|---------------|------------------------------------|--------------------------|------------------------------------|---|
| UKI-1944 | 14346 14358 | T | Vertical | 12M0G7W | 68.0 | 33.2 |
| E50. Modulation and Services 8-PSK DVB-S2 HD MPEG-4 Video Audio | | | | | | |
| UKI-1944 | 14322 14331 | T | Vertical | 09M0G7W | 68.0 | 34.5 |
| E50. Modulation and Services 8-PSK DVB-S2 HD MPEG-4 Video Audio | | | | | | |
| UKI-1944 | 14340 14358 | T | Vertical | 06M0G7W | 68.0 | 36.3 |
| E50. Modulation and Services 8-PSK DVB-S2 HD MPEG-4 Video Audio | | | | | | |

FREQUENCY COORDINATION

| E28. Antenna Id | E51. Satellite Orbit Type | E52/53. Frequency Limits(MHz) | E54/55. Range of Satellite Arc E/W Limit | E56. Earth Station Azimuth Angle Eastern Limit | E57. Antenna Elevation Angle Eastern Limit | E58. Earth Station Azimuth Angle Western Limit | E59. Antenna Elevation Angle Western Limit | E60. Maximum EIRP Density toward the Horizon(dBW/4kHz) |
|-----------------|---------------------------|-------------------------------|--|--|--|--|--|--|
| UKI-1944 | Geostationary | 14322 14358 | 90.9/ 91.1 | 166.5 | 54.5 | 167.5 | 53.5 | 56.7 |

**REMOTE CONTROL POINT LOCATION
REMOTE CONTROL POINT LOCATION**

| | |
|---|-------------------|
| E61. Call Sign | E65. Phone Number |
| NOTE: Please enter the call sign of the controlling station, not the call sign for which this application is being filed. | |
| E62. Street Address | |
| E63. City | E67. County |
| E64/68. State/Country | E66. Zip Code |

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