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Call Sign _____ Grant Date _____

File # _____

E120106 SES-STA-20170829-00961 IB2017002437
AC BidCo LLC

Approved by OMB
3060-0678

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:
AC BidCo E120106 STA Extension Request for AMC-6 at 83 WL August 2017

1. Applicant

Name:	AC BidCo LLC	Phone Number:	312-517-5566
DBA Name:		Fax Number:	
Street:	111 N Canal St., Suite 1500	E-Mail:	melias@gogoair.com
City:	Chicago	State:	IL
Country:	USA	Zipcode:	60606 -
Attention:	Marguerite Elias		



60 days "With conditions"
File # SES-STA-20170829-00961

Call Sign E120106 Grant Date 09/08/2017
(or other identifier)

Term Dates
From: 09/08/2017 To: 11/02/2017

Approved: Paul E. Alder



Approved: _____

From: _____

(or other identifier)

Call site _____

File # _____

Applicant: AC BidCo LLC
Call Sign: E120106
File No.: SES-STA-20170829-00961
Special Temporary Authority



File # SES-STA-20170829-00961
Call Sign E120106 Grant Date 09/08/2017
(or other identifier)
Term Dates
From: 09/08/2017 To: 11/07/2017
Approved: [Signature]

AC BidCo LLC (AC BidCo) is granted special temporary authority extension from SES-STA-20170629-00724 for 60 days, beginning on September 8, 2017, to operate up to 100 0.24 meter AeroSat model HR6400 and up to 100 0.74 meter ThinKom, model 2KuAntenna earth stations aboard aircraft (ESAAs) with the AMC-6 satellite (S2135) at the 83° W.L. orbital location in the 14-14.5 GHz (Earth-to-space) and 11.45-11.7 GHz and 11.7-12.2 GHz (space-to-Earth) frequency bands, under the following conditions:

1. Operations are on an unprotected and non-harmful interference basis. AC BidCo must cease operations immediately upon notification of such interference and must immediately inform the Commission, in writing, of such an event.
2. Operation pursuant to this authorization must be in compliance with the terms of AC BidCo's coordination agreements with the National Science Foundation and the National Aeronautics and Space Administration pertaining to operation of ESAAs in the Ku-Band.
3. Operation pursuant to this authorization outside the United States in the 14.00-14.50 GHz band must be in compliance with the provisions of Annex 1, Part C of Recommendation ITU-R M.1643, with respect to any radio astronomy station performing observations in the 14.47-14.50 GHz band.
4. When operating in international airspace within line-of-sight of the territory of a foreign administration where Fixed Service networks have a primary allocation in the 14.00-14.50 GHz band, an ESAA must not operate in a manner that would produce predicted ground-level power flux density (pfd) in such territory in excess of the following values unless the foreign administration has imposed other conditions for protecting its FS stations: $-132 + 0.5 \times \text{THETA}$ dB(W/(m² MHz)) for $\text{THETA} \leq 40$; -112 dB(W/(m² MHz)) for $40 < \text{THETA} < 90$ g. Where; THETA is the angle of arrival of the radio-frequency wave in degrees above the horizontal, and the aforementioned limits relate to the pfd and angles of arrival that would be obtained under free space propagation conditions.
- 5 Operation pursuant to this authorization must conform to the terms of coordination agreements between the satellite operators within six angular degrees of AMC-6.
- 6, AC BidCo must maintain a U.S. point of contact available 24 hours per day, seven days per week, with the authority and ability to terminate operations authorized herein. AC BidCo has specified the following contact information: +1 866-943-4662 and noc@AC BidCoair.com.
7. Stations authorized herein must not be used to provide air traffic control communications.
8. AC BidCo shall comply with any pertinent limits established by the International Telecommunication Union to protect other services allocated internationally.



Approved: _____

From: _____ To: _____
Issued Date

(or other identifier)
Call sign _____ Grant Date _____

File # _____

9. In connection with the provision of service in any particular country, AC BidCo is obliged to comply with the applicable laws, regulations, rules, and licensing procedures of that country.


10. Grant of this authorization is without prejudice to any determination that the Commission may make regarding AC Bidco's pending or future applications.

11. Any action taken or expense incurred as a result of operations pursuant to this special temporary authority is solely at AC BidCo's risk.

12. Operations during the period September 3, 2017 to the date of this grant were authorized pursuant to Section 1.62 of the Commission's rules 47 C.F.R. § 1.62.

13. This action is issued pursuant to Section 0.261 of the Commission's rules on delegated authority, 47 C.F.R. § 0.261, and is effective immediately. Petitions for reconsideration under Section 1.106 or applications for review under Sections 1.115 of the Commission's rules, 47 C.F.R. § 1.106, 1.115, may be filed within thirty days of the date of the public notice indicating that this action was taken.

60 days *"With conditions"*

 GRANTED International Bureau	File # <u>SES-STA-20170829-00961</u>
	Call Sign <u>E/20106</u> Grant Date <u>09/08/2017</u> (or other identifier)
	Term Dates From: <u>09/08/2017</u> To: <u>11/09/2017</u>
	Approved: <u>Paul E. Baker</u>

2. Contact

Name:	Karis Hastings	Phone Number:	202-599-0975
Company:	SatCom Law LLC	Fax Number:	
Street:	1317 F Street, N.W. Suite 400	E-Mail:	karis@satcomlaw.com
City:	Washington	State:	DC
Country:	USA	Zipcode:	20004 -
Attention:		Relationship:	Legal Counsel

(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 SESMFS2017072500793 or Submission ID

4a. Is a fee submitted with this application?

- If Yes, complete and attach FCC Form 159. If No, indicate reason for fee exemption (sec 47 C.F.R. Section 1.1114).
- Governmental Entity Noncommercial educational licensee
- Other (please explain):

4b. Fee Classification CGB – Mobile Satellite Earth Stations

5. Type Request

- Use Prior to Grant Change Station Location Other

6. Requested Use Prior Date

09/01/2017

7. City/Mobile

8. Latitude

(dd mm ss.s h) 0 0 0.0

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.

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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.

12. Description

AC BidCo LLC respectfully requests a 60-day extension of the special temporary authority it was granted in File No. SES-STA-20170629-00724 to allow ESAA terminals to communicate with the AMC-6 satellite, call sign S2347, at 83 deg. W.L. in the conventional and extended Ku-band frequencies for service to North America, including the U.S. Extension is requested pending action on the modification that seeks to add AMC-6 as a point of communication for the ESAA network, File No. SES-MFS-20170725-00793. AC BidCo incorporates by reference the supporting information that was submitted in File No. SES-STA-20170629-00724.