

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:  
SpeedCast seeks a 60 day extension of its STA SES-STA-20170309-00247

**I. Applicant**

**Name:** SpeedCast Communications Inc **Phone Number:** 832-668-2753  
**DBA Name:** **Fax Number:** 832-668-2780  
**Street:** 4400 S. Sam Houston Parkway Ea **E-Mail:**  
**City:** Houston **State:** TX  
**Country:** USA **Zipcode:** 77048  
**Attention:** Ms EllenAnn Sands



**File #** SES-STA-20170512-00560  
**Call Sign** W050206 **Grant Date** 5-16-17  
(or other identifier)  
**From:** 5-16-17 **To:** 7-15-17  
**Term Dates**  
**Approved:** Paul E. [Signature]

Applicant: SpeedCast Communications Inc.  
Call Sign: E050206  
File No.: SES-STA-20170512-00560  
Special Temporary Authority (STA)



File # SES-STA 20170512-00560  
Call Sign E050206 Grant Date 5-16-17  
(or other identifier)  
From: 5-16-17 Term Dates To: 7-15-17  
Approved: Paul E. Heeb

SpeedCast Communications Inc. ("SpeedCast") is granted special temporary authority, for 60-days, beginning May 16, 2017 to operate its fixed earth station on the Constitution Oil Platform in the Gulf of Mexico with currently authorized satellite points of communication using emission designator 9M38G7W in the 5425-6425 MHz (Earth-to-space) and 3700-4200 MHz (space-to-Earth) frequency bands under the following conditions:

1. Operations in 5925-6425 MHz frequency band shall not exceed the EIRP density limits specified in the current earth station authorization. .
2. Operations, shall not cause harmful interference to, and shall not claim protection from, interference caused to it by any other lawfully operating station and it shall cease transmission(s) immediately upon notice of such interference.
3. Grant of this STA is without prejudice to any determination that the Commission may make regarding any SpeedCast's future applications.
4. Any action taken or expense incurred as a result of operations pursuant to this STA is solely at SpeedCast's risk.
5. The licensee shall take all necessary measures to ensure that the antenna 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 wherever such exposures might occur. 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](http://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.
6. 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.

<b>2. Contact</b>	
<b>Name:</b>	SpeedCast Communications Inc <b>Phone Number:</b> 832-668-2753
<b>Company:</b>	4400 S. Sam Houston Parkway Ea <b>Fax Number:</b> 832-668-2780
<b>Street:</b>	E-Mail:
<b>City:</b> Houston	<b>State:</b> TX
<b>Country:</b> USA	<b>Zipcode:</b> 77048
<b>Attention:</b>	<b>Relationship:</b>
(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 SESSTA2017030900247 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 05/14/2017	
7. City/Gulf of Mexico	
8. Latitude (dd mm ss.s h)    27 17 31.9 N	

9. State	10. Longitude (dd mm ss.s h) 90 58 4.8 W
11. Please supply any need attachments. Attachment 1: STA Extension      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.) SpeedCast seeks a 60 day extension of its STA SES-STA-20170309-00247 for E050206.	
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"; party to the application; for these purposes.  Yes <input checked="" type="radio"/> No <input type="radio"/>	
14. Name of Person Signing EllenAnn Sands	15. Title of Person Signing Senior Counsel
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).	

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## REQUEST FOR SPECIAL TEMPORARY AUTHORITY

SpeedCast Communications Inc. (“SpeedCast”), pursuant to Section 1.931 of the Rules and Regulations of the Federal Communications Commission (“FCC” or “Commission”), respectfully requests an extension of its Special Temporary Authority (“STA”) effective as soon as possible for a period of 60 days, or until the Commission has granted SpeedCast’s regular authority for modifications to its Earth Station licenses identified by Call Signs E050206 (Constitution), E030159 (Gunnison), E050333 (Nansen), and E050331 (Boomvang) (the “Earth Stations”) as discussed below.

### Background

SpeedCast provides comprehensive communications and IT services to Anadarko Petroleum Corporation, one of the largest independent oil and natural gas exploration and production companies in the world. Anadarko had approximately 2.06 billion barrels of oil equivalent of proved reserves at year-end 2015. SpeedCast’s Earth Stations provide voice and data services to personnel on Anadarko’s Constitution, Gunnison, Nansen, and Boomvang oil platforms in the Gulf of Mexico.

On March 15, 2017, the FCC granted SpeedCast STA for a period of 60 days to operate its Earth Stations with the added Emission Designator 9M38G7W.<sup>1</sup> SpeedCast completed frequency coordination for its regular authority modifications for the Earth Stations and submitted regular authority modifications to the Commission. The regular authority modification applications appeared on Public Notice on May 3 and May 10, 2017.<sup>2</sup>

### Special Temporary Authority

The Commission may grant STA “in emergency situations,” “to permit restoration or relocation of existing facilities to continue communications service,” and “in other situations involving circumstances which are of such extraordinary nature that delay in the institution of temporary operation would seriously prejudice the public interest.”<sup>3</sup> SpeedCast’s C-band Earth Stations provide critical broadband connectivity for voice and data transmissions to and from Anadarko’s oil platforms. The bandwidth currently authorized under its Earth Station licenses is not sufficient to support Anadarko’s communications requirements.

SpeedCast seeks an extension of its STA’s to permit continued operation of its Earth Stations with the added Emission Designator 9M38G7W. Micronet Communications, Inc. has completed frequency coordination and has certified that all sites pass with the requested bandwidth and Micronet has certified that the Maximum EIRP Density will not increase beyond

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<sup>1</sup> FCC File Numbers SES-STA-20170309-00241, SES-STA-20170309-00242, SES-STA-20170309-00246, SES-STA-20170309-00247.

<sup>2</sup> FCC File Numbers SES-MOD-20170427-00473, SES-MOD-20170427-00482, SES-MOD-20170427-00475, SES-MOD-20170427-00474.

<sup>3</sup> 47 C.F.R. § 1.931(b)(2)(ii),(v).

what is currently authorized under the existing licenses. Moreover, SpeedCast submitted regular authority modification applications to add the new Emission Designator and make other technical changes which are now pending with the FCC.

Without increased bandwidth, Anadarko's satellite communications capabilities will be limited during the pendency of the modification applications, which will limit critical communications supporting Anadarko's oil production in the Gulf of Mexico. Reliable broadband connectivity is critical to operational integrity and the safety of personnel and the environment. Anadarko's C-Band transmissions are the most important component of its communications for its production platforms.

In light of the foregoing, SpeedCast submits that grant of the requested STA extensions will serve the public interest, convenience, and necessity and favorable Commission action is warranted.

\* \* \*

Should the Commission require additional information, it is asked to contact Wes Wright or Tim Doughty of Keller and Heckman LLP, 1001 G Street NW, Washington, DC 20001; (202)434-4296; e-mail: [wright@khlaw.com](mailto:wright@khlaw.com); (202)434-4271; e-mail: [doughty@khlaw.com](mailto:doughty@khlaw.com).