

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION**

EXPERIMENTAL

(Nature of Service)

WL9XWU

(Call Sign)

XT MO

(Class of Station)

1422-EX-ST-2017

(File Number)

NAME Circuit of the Americas, LLC

This Special Temporary Authorization is granted upon the express condition that it may be terminated by the Commission at any time without advance notice or hearing if in its discretion the need for such action arises. Nothing contained herein shall be construed as a finding by the Commission that the authority herein granted is or will be in the public interest beyond the express terms hereof.

This Special Temporary Authorization shall not vest in the grantee any right to operate the station nor any right in the use of the frequencies designated in the authorization beyond the term hereof, nor in any other manner than authorized herein. Neither the authorization nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This authorization is subject to the right of use of control the Government of the United States conferred by Section 706 of the Communications Act of 1934.

Special Temporary Authority is hereby granted to operate the apparatus described below:

Purpose Of Operation:

Operational, security, support and video production communications in support of and for news reporting of Formula One United States Grand Prix automobile Race in Austin, Texas.

Station Locations

- (1) MOBILE: Circuit of the Americas Race Track, Austin, Texas, within 5 km, centered around NL 30-08-13; WL 97-38-21

Frequency Information

MOBILE: Circuit of the Americas Race Track, Austin, Texas, within 5 km, centered around NL 30-08-13; WL 97-38-21

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
147-163 MHz	MO	11K2F3E 11K2F2D	2 W (ERP)	
172.1-218 MHz	MO	11K2F3E 11K2F2D	2 W (ERP)	

This authorization effective October 18, 2017 and
will expire 3:00 A.M. EST October 23, 2017

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Circuit of the Americas Race Track, Austin, Texas, within 5 km, centered around NL 30-08-13; WL 97-38-21

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
420-450 MHz	MO	11K2F3E 11K2F2D	2 W (ERP)	
450-470 MHz	MO	11K2F3E 11K2F2D	2 W (ERP)	
470-512 MHz	MO	11K2F3E 11K2F2D 200KF3E	2 W (ERP)	
512-608 MHz	MO	200KF3E	250 mW (ERP)	
614-698 MHz	MO	200KF3E	250 mW (ERP)	

Special Conditions:

- (1) Operation is subject to prior coordination with the local Society of Broadcast Engineers, Inc. (SBE) frequency coordinator. Consult the list at http://freq.sbe.org/pdf_files/coordinators.pdf to find the appropriate coordinator.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) Licensee should be aware that other stations may be licensed on these frequencies and if any interference occurs, the licensee of this authorization will be subject to immediate shut down.

Special Conditions:

(4) NOTCH THE FOLLOWING FREQUENCIES:

*The Coast Guard Distress, Calling, Search and Rescue, DSC and AIS frequencies identified in the ITU Regulations, Appendix 15:

M156.525 Channel 70 DSC

M156.800 International Calling, Safety and Distress

M161.975 AIS I

M162.075 AIS II

*The Coast Guard Maritime Mobile frequencies in the band:

M156.4875-M157.1875 due to concerns for the safety of vessel traffic

*The frequency M162.4 +/- 12.5 KHz to protect NOAA Weather Radio in the area.

*The following frequencies (+/- 16 KHz) to protect Navy operations:

163.375 MHz 165.250 MHz 166.000 MHz 166.375 MHz

166.750 MHz 167.125 MHz 167.500 MHz 167.875 MHz

168.250 MHz 169.000 MHz 169.750 MHz 170.125 MHz

171.625 MHz 172.000 MHz 172.375 MHz 172.750 MHz

173.125 MHz 173.500 MHz

*The following frequencies (+/- 12.5 KHz) to protect FAA operations in the area:

166.175 MHz 169.225 MHz 169.350 MHz 169.375 MHz

172.175 MHz 172.825 MHz 172.950 MHz 172.975. MHz

*The frequencies listed below (+/- 12.5 KHz) to protect Department of the Interior operations in the area:

166.3125 MHz 166.375 MHz

*The Maritime Mobile band 156.4875 - 157.1875 MHz.

*The law enforcement operations in the area (+/- 16 KHz):

162.7625 MHz, 173.0875 MHz, and 173.1500 MHz

(5) Operation is subject to notification of the following within 60 miles of the test area:

* Paging Service licensees in 152 MHz, 158 MHz, 454 MHz and 459 MHz.

* General Aviation Air-Ground Service in 454 MHz/459 MHz

(6) All the experimental equipment and devices must be retrieved by Circuit of the Americas, LLC from the participants upon completion of the testing/operation.

(7) Prior to operations in the 148-150.05 MHz, licensee must notify the potentially-affected earth station operator Orbcomm License Corp (Mr. Walter H Sonnenfeldt, Phone no.: 585-461-3018 and Email: sonnenfeldt.walter@orbcomm.com) and obtain its written consent to the proposed operations.