



(REFERENCE COPY - Not for submission)

LPTV Engineering STA Application

File Number: **0000086651** | Submit Date: **10/15/2019** | Call Sign: **KGRQ-LD** | Facility ID: **187708** | FRN: **0004052791**
State: **Arizona** | City: **GILA RIVER INDIAN CO**
Service: **LPD** | Purpose: **Engineering STA** | Status: **Granted** | Status Date: **11/01/2019** | Expiration Date: **04/29/2020**
Filing Status: **Active**

General Information

Section	Question	Response
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Fees, Waivers, and Exemptions

Section	Question	Response
Fees	Is the applicant exempt from FCC application Fees?	Yes
	Indicate reason for fee exemption:	Gila River Telecommunications Inc is a governmental agency of the Gila River Indian Community
Waivers	Does this filing request a waiver of the Commission's rule(s)?	No
	Total number of rule sections involved in this waiver request:	

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
GILA RIVER TELECOMMUNICATIONS, INC. Doing Business As: GILA RIVER TELECOMMUNICATIONS, INC.	James Meyers BOX 5015, 7065 W. ALLISON RD. CHANDLER, AZ 85226 United States	+1 (520) 796-8885	jmeyers@gilarivertel. com	Government Entity

Authorization Holder Name

Check box if the Authorization Holder name is being updated because of the sale (or transfer of control) of the Authorization(s) to another party and for which proper Commission approval has not been received or proper notification provided.

**Contact
Representatives
(3)**

Contact Name	Address	Phone	Email	Contact Type
Kevin T. Fisher <i>Engineering Consultant</i> Smith and Fisher, LLC	Kevin T. Fisher SMITH AND FISHER, LLC 4791 Wintergreen Court Woodbridge, VA 22192 United States	+1 (703) 505- 1751	kevin@smithandfisher. com	Technical Representative
GEORGE L. Lyon , Jr. . <i>Attorney</i> LUKAS, NACE, GUTIERREZ & SACHS, LLP	6300 GREENSBORO DRIVE SUITE 1200 MCLEAN, VA 22102 United States	+1 (202) 857- 3500	GLYON@FCCLAW. COM	Legal Representative
GARY L Stigall <i>CONSULTING ENGINEER</i> Signal Wiz	SIGNAL WIZ 6822 FISK AVENUE SAN DIEGO, CA 92122 United States	+1 (858) 349- 9191	GARY@SIGNALWIZ. COM	Technical Representative

Channel and Facility Information

Section	Question	Response
Facility ID	187708	
State	Arizona	
City	GILA RIVER INDIAN CO	
LPD Channel	21	

Antenna Location Data

Section	Question	Response
Antenna Structure Registration	Do you have an FCC Antenna Structure Registration (ASR) Number?	No
	ASR Number	
Coordinates (NAD83)	Latitude	33° 00' 06.9" N+
	Longitude	111° 40' 25.5" W-
	Structure Type	UTOWER-Unguyed - Free Standing Tower
	Overall Structure Height	36.6 meters
	Support Structure Height	36.6 meters
	Ground Elevation (AMSL)	824.8 meters
Antenna Data	Height of Radiation Center Above Ground Level	33.5 meters
	Height of Radiation Center Above Mean Sea Level	858.3 meters
	Effective Radiated Power	4.5 kW

**Antenna
Technical Data**

Section	Question	Response
Antenna Type	Antenna Type	Off the Shelf
	Do you have an Antenna ID?	Yes
	Antenna ID	20057
Antenna Manufacturer and Model	Manufacturer:	MCI
	Model	955218
	Rotation	330 degrees
	Electrical Beam Tilt	Not Applicable
	Mechanical Beam Tilt	Not Applicable
	toward azimuth	
	Polarization	Horizontal
Elevation Radiation Pattern	Does the proposed antenna propose elevation radiation patterns that vary with azimuth for reasons other than the use of mechanical beam tilt?	No
	Uploaded file for elevation antenna (or radiation) pattern data	
	Out-of-Channel Emission Mask:	Stringent

Directional Antenna Relative Field Values (Pre-rotated Pattern)

Degree	Value	Degree	Value	Degree	Value	Degree	Value
0	1.00	90	1.00	180	0.010	270	1.00
10	0.947	100	0.967	190	0.021	280	0.947
20	0.793	110	0.872	200	0.094	290	0.793
30	0.756	120	0.729	210	0.218	300	0.756
40	0.902	130	0.556	220	0.378	310	0.902
50	0.902	140	0.378	230	0.556	320	0.902
60	0.756	150	0.218	240	0.729	330	0.756
70	0.793	160	0.094	250	0.872	340	0.793
80	0.947	170	0.021	260	0.967	350	0.947

Additional Azimuths

Degree	V _A
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Certification

Section	Question	Response
<p>General Certification Statements</p>	<p>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 authorization or otherwise, and requests an Authorization in accordance with this application (See Section 304 of the Communications Act of 1934, as amended.).</p>	
	<p>The Applicant certifies that neither the Applicant nor any other party to the application is subject to a denial of Federal benefits pursuant to §5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. §862, because of a conviction for possession or distribution of a controlled substance. This certification does not apply to applications filed in services exempted under §1.2002(c) of the rules, 47 CFR . See §1.2002(b) of the rules, 47 CFR §1.2002(b), for the definition of "party to the application" as used in this certification §1.2002 (c). The Applicant certifies that all statements made in this application and in the exhibits, attachments, or documents incorporated by reference are material, are part of this application, and are true, complete, correct, and made in good faith.</p>	
<p>Authorized Party to Sign</p>	<p>FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID</p> <p>Upon grant of this application, the Authorization Holder may be subject to certain construction or coverage requirements. Failure to meet the construction or coverage requirements will result in automatic cancellation of the Authorization. Consult appropriate FCC regulations to determine the construction or coverage requirements that apply to the type of Authorization requested in this application.</p> <p>WILLFUL FALSE STATEMENTS MADE ON THIS FORM OR ANY ATTACHMENTS ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. Code, Title 18, §1001) AND/OR REVOCATION OF ANY STATION AUTHORIZATION (U.S. Code, Title 47, §312(a)(1)), AND/OR FORFEITURE (U.S. Code, Title 47, §503).</p>	
	<p>I certify that this application includes all required and relevant attachments.</p>	<p>Yes</p>
	<p>I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.</p>	<p>Gary Stigall <i>Technical Consultant</i></p> <p>10/15/2019</p>

Attachments

File Name	Uploaded By	Attachment Type	Description
<u>KGRQ-LD Request for Special Temporary Authority to Operate at Reduced Power.pdf</u>	Applicant	General Information	KGRQ-LD STA Renewal Statement