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Submitted: 08/15/2017 at 10:08:35

File Number: 0007891080

FCC 601 Main Form

FCC Application for Radio Service Authorization: Wireless Telecommunications Bureau Public Safety and Homeland Security Bureau

Approved by OMB

3060 - 0798

See instructions for public burden estimate

Radio Service Code:		1a) Existing Radio Carrios Cado:		public bu	rden estim
		1a) Existing Radio Service Code:			
AS					
neral Information					
(Select only one) (A NE - New MD - Modification AM - Amendment	RO - Renewal Only RM - Renewal/Modification	AU - Administrative Update tion WD - Withdrawal of Application ense DU - Duplicate License	NT - Required No EX - Requests for RL – Registered L	Extension of Time	
	nter the code and attach	License, De <u>m</u> onstration License, or the required exhibit as described in the		(N) <u>D M</u> S	N /A
		rity due to an emergency situation, enter ns considered to be an emergency.	'Y'; otherwise enter 'N'.	() <u>Y</u> es	<u>N</u> o
If this application is for on file with the FCC.	an Amendment or Withd	rawal, enter the file number of the pend	ling application currently	File Numbe	r
License, or Administra	ive Update, enter the call	Only, Renewal/Modification, Cancellati sign of the existing FCC license. nter the FCC call sign assigned to the g	•	Call Sign WHF31	2
	or a New, Amendment, n date (this item is optional	Renewal Only, or Renewal/Modification).	on, enter the requested	MM DI)
applicable radio servic	e rules found in Parts 22	of the Commission's Rules when reac and 90 of the Commission's Rules? (N the instructions for applicability and full t	OTE: This question only	() <u>Y</u> es	<u>N</u> o
Are attachments (other	than associated schedule	s) being filed with this application?		() <u>Y</u> es	<u>N</u> o
s, Waivers, and Exempt	ions			l	
Is the Applicant exempt f	rom FCC application fees?			(N) <u>Y</u> es	<u>N</u> o
) Is the Applicant exempt	from FCC regulatory fees	?		(N) <u>Y</u> es	<u>N</u> o
		ver of the Commission's Rule(s)? s) and explaining circumstances.		(N) <u>Y</u> es	<u>N</u> o
,	number of rule sections in			Number of Rule Section(s): _	
	parameters requested in the functionally integrated with the functional of the functional of the functional of the functional of the function	nis filing covered by grandfathered privile than existing station?	eges, previously	(<u>)Y</u> es	<u>N</u> o

ernment Entity (ity Partnership or transfer of continue received or pro-	per notification	ortium ise(s) n not	ed Liability Compar () <u>Y</u> es <u>N</u> o Suffix:
ess: EMORIAL DRIV	() Consideration () Consider	ortium ise(s) n not	() <u>Y</u> es <u>N</u> o
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FAX:			
(918)664-3066			
itino	()Female	
	<u> </u>		
FCC Registration	Number (FRN)	of Real Party	in Interest:
ame:			Suffix:
			Guinx.
	e 501		
36) State:		37) Zip C	Code:
OK		7413	6
<u>918)064-3066</u>			
ervice offering (en	ter all that appl	ly):	
	ettino Technique (918)664-3066 Technique (918)664-3066 Technique (918)664-3066 Technique (918)664-3066	Gend ((() () () () () () () () (Gender: ()Male ()Female FCC Registration Number (FRN) of Real Party is ame: ame: SS: e Avenue, Suite 501 36) State: OK 7413 FAX: 918)664-3066

Гуре of	f Radio Service					
42) Th	is filing is for author	rization to provide the	following type(s) of radio serv	rice (choose all that apply):		
() <u>F</u>	ixed	() <u>M</u> obile	() <u>R</u> adiolocation	() <u>S</u> atellite (sound)	() <u>B</u> roadcast	t Services
43) Do	es the Applicant pro	opose to provide serv	vice interconnected to the publ	ic telephone network?		(<u>)Y</u> es <u>N</u> o
			'Y", provide an attachment onership Questions".)	explaining the circumstances. In	preparing the attach	nment, refer to
			e representative of any foreign	government?		() <u>Y</u> es <u>N</u> o
45) Is	the Applicant an alie	en or the representati	ive of an alien?			() <u>Y</u> es <u>N</u> o
46) Is	the Applicant a corp	ooration organized un	nder the laws of any foreign go	vernment?		(<u>)Y</u> es <u>N</u> o
				stock is owned of record or voted by or by any corporation organized und		() <u>Y</u> es <u>N</u> o gn country?
is own	ed of record or vote		epresentatives, or by a foreign	of which more than one-fourth of the government or representative there		() <u>Y</u> es <u>N</u> o
48b) l	f the answer to 47 c	or 48a is 'Y' select one	e of the choices below.			
	The Applicant is e	exempt from the provis	sions of Section 310(b).			
			declaratory ruling if the Applica from the provisions of Section	ant includes in the attachment requ n 310(b).	uired by Item 47 or Itel	m 48a a showing
				foreign ownership, and the applic- leographic coverage area for whice		
	number, the FCC		vailable, release date, and a s	m 48a the citation(s) of the applic statement that there has been no c		
	immediately above	e; or (ii) is an "affiliat	te" of a Licensee or Lessee/S	ts foreign ownership, but is not al Sublessee that received a declarate ation as permitted under the affilial	ory ruling(s) under 47	CFR § 1.990(a)
	Item 48a the citati	tion(s) of the Applican	nt's declaratory ruling(s) by DA	or after August 9, 2013, include in A/FCC number, the FCC Record ci ditions of its ruling and with the Com	itation, if available, rel	
	copy of a petition same radio serv declaratory ruling	for declaratory ruling rice(s) and geograph pursuant to Section	g filed contemporaneously with hic coverage area(s) involve 1.990(a) of the Commission's	ior to August 9, 2013, include in the the Commission to extend the Aperd in the application. Alternativel is Rules, 47 CFR § 1.990(a). Petition (IBFS) (with a copy attached	oplicant's existing rulingly, the Applicant majons for declaratory ru	ng(s) to cover the y request a new
	Item 47 or Item 4 date, and a state Commission's Ru	18a the citation(s) of a ement that the Appl ules. The Applicant m	the applicable declaratory ruli licant is in compliance with	purposes of filing this application, ing(s) by DA/FCC number, the FCC the terms and conditions of the n of compliance signed by the names 47 or 48a, as applicable.	C Record citation, if a named affiliate's ruli	available, release ing and with the
			claratory ruling approving its aneously with the Commission	foreign ownership and is requestin	ng a declaratory rulin	g under 47 CFR
	Commission pursu		90(a). Petitions for declaratory	copy of the petition for declaratory r y ruling may be filed electronically		

Basic	Qualification	Questions
Dasic	Qualification	QUESTIONS

49) Has the Applicant or any party to this application had any FCC station authorization, license or construction permit revoked or had any application for an initial, modification or renewal of FCC station authorization, license, or construction permit denied by the Commission?	() <u>Y</u> es	<u>N</u> o
50) Has the Applicant or any party to this application, or any party directly or indirectly controlling the Applicant, ever been convicted of a felony by any state or federal court?	() <u>Y</u> es	<u>N</u> o
51) Has any court finally adjudged the Applicant or any party 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 the answer to any of 49-51 is 'Y', attach an exhibit explaining the circumstances.	() <u>Y</u> es	<u>N</u> o

Aeronautical Advisory Station (Unicom) Certification

52) () I certify that the station will be located on property of the airport to be served, and, in cases where the airport does not have a control tower, RCO, or FAA flight service station, that I have notified the owner of the airport and all aviation service organizations located at the airport within ten days prior to application.

Broadband Radio Service and Educational Broadband Service Cable Cross-Ownership

53a) Will the requested facilities be used to provide multichannel video programming service?	() <u>Y</u> es	<u>N</u> o
53b) If the answer to question 53a is 'Y', does the Applicant operate, control or have an attributable interest (as defined in 47 CFR § 27.1202) in a cable television system whose franchise area is located within the geographic service area of the requested facilities?	() <u>Y</u> es	<u>N</u> o
Note: If the answer to question 53b is 'Y', attach an exhibit explaining how the Applicant complies with 47 CFR § 27.1202 or justify waiver of that rule. If a waiver of the Commission Rule(s) is being requested, them 11a must be answered 'Y'	ing a		

Broadband Radio Service and Educational Broadband Service (Part 27)

54) (For EBS only) Does the Applicant comply with the programming requirements contained in 47 CFR § 27.1203?	() <u>Y</u> es	<u>N</u> o
Note: If the answer to item 54 is 'N', attach an exhibit explaining how the Applicant complies with 47 CFR § 27.1203 of the Commisor justifying a waiver of that rule. If a waiver of the Commission Rule(s) is being requested, Item 11a must be answered 'Y'.	ssion's	s Rules	
55) (For BRS and EBS) Does the Applicant comply with 47 CFR §§ 27.50, 27.55, and 27.1221?	() <u>Y</u> es	<u>N</u> o
Note: If the answer to item 55 is 'N', attach an exhibit justifying a waiver of that rule(s). If a waiver of the Commission Rule(s) is better 11a must be answered 'Y'	ing re	queste	d,

For Applicants Who Participated in an Auction

bb) is the Applicant a qualifying rural wireless partnership or a member of a qualifying rural wireless partnership?	() <u>¥</u> es	<u>N</u> O
Note: If the answer to item 56 is 'Y', attach an exhibit listing all members of the qualifying rural wireless partnership, including their FR	RN nu	mbers	3 .

General Certification Statements

- 1) 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.
- 2) The Applicant certifies that grant of this application would not cause the Applicant to be in violation of any pertinent cross-ownership or attribution rules.*
 *If the Applicant has sought a waiver of any such rule in connection with this application, it may make this certification subject to the outcome of the waiver request.
- 3) 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.
- 4) 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 § 1.2002(c). See 47 CFR § 1.2002(b) for the definition of "party to the application" as used in this
- 5) The Applicant certifies that it either (1) has current required ownership data on file with the Commission, (2) is filing updated ownership data simultaneously with this application, or (3) is not required to file ownership data under the Commission's Rules.
- 6) The Applicant certifies that the facilities, operations, and transmitters for which this authorization is hereby requested are either: (1) categorically excluded from routine environmental evaluation for RF exposure as set forth in 47 CFR § 1.1307(b); or, (2) have been found not to cause human exposure to levels of radiofrequency radiation in excess of the limits specified in 47 CFR §§ 1.1310 and 2.1093; or, (3) are the subject of one or more Environmental Assessments filed with the Commission.
- 7) The Applicant certifies that it has reviewed the appropriate Commission Rules defining eligibility to hold the requested license(s), and is eligible to hold the requested license(s).
- 8) The Applicant certifies that it is not in default on any payment for Commission licenses and that it is not delinquent on any non-tax debt owed to any federal agency.
- 9) The Applicant certifies that the Applicant and all of the related individuals and entities required to be disclosed on this application and FCC Form 602 (FCC Ownership Disclosure Information for the Wireless Telecommunications Services) are not person(s) who have been, for reasons of national security, barred by any agency of the Federal Government from bidding on a contract, participating in an auction, or receiving a grant. This certification applies only to applications for licenses for spectrum that is required by Sections 6103, 6401-6403 of the Middle Class Tax Relief and Job Creation Act of 2012, codified at 47 U.S.C. §§ 309, 1413, 1451-1452, to be assigned by a system of competitive bidding under 47 U.S.C. § 309(j).

Signature

57) Typed or Printed Name of Party Authorized to Sign First Name: MI: Suffix: Last Name: **STEPHEN** G **DAVIS** 58) Title: SVP, RE, FACILITIES & CORP DEVELOPMENT Signature: 59) Date: STEPHEN G DAVIS 08/15/2017 FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID.

Upon grant of this license application, the Licensee may be subject to certain construction or coverage requirements. Failure to meet the construction or coverage requirements will result in termination of the license. Consult appropriate FCC regulations to determine the construction or coverage requirements that apply to the type of license requested in this application.

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 LICENSE OR CONSTRUCTION PERMIT (U.S. Code, Title 47, § 312(a)(1)), AND/OR FORFEITURE (U.S. Code, Title 47, § 503).

FCC 601 Schedule I

Technical Data Schedule for the Fixed Microwave and Microwave Broadcast Auxiliary Services (Parts 101 and 74)

Approved by OMB 3060 - 0798

See 601 Main Form Instructions for public burden estimate

Adm	inistrative Inforr	nation			
1)	Is this application I	peing filed as part of a pack?			() <u>Y</u> es/ <u>N</u> o
2a)	If the answer to Ite FCC):	m 1 is 'Yes', enter the pack identifica	ation number (required if the p	oack identification number has	s already been assigned by the
2b)	Pack Name:				
(X)Permanent Fixed Point to Point ()18 GHz Low Power ()Multiple Address System (MAS) ()31 GHz ()Temporary Fixed/Mobile ()38 GHz ()Digital Electronic Message Service (DEMS)					5) DEMS only: SMSA:
	along with all minor major action was gr	a Modification, Renewal/Modification Modification or Amendment request anted by the Commission, produce a	s filed since you applied for a a cumulative effect that would	new authorization or since th	e last or a major filing?
7)	Has frequency coor	dination been completed for this app	lication?		(<u>)Y</u> es/ <u>N</u> o
	quency Coordina				
Com	piete items o trirouç	h 11 if not self-coordinated			
Cod	8) Frequency ordination Number	9) Name of Frequency	Coordinator	10) Telephone Number	11) Coordination Date
Broa	adcast Auxiliary	Only			
	here is an associate rent Station, provid	,	12b) Radio Service of Parent Station:	City and State of Parent	12c) Station Principal Community:
		40145	FM	MA	ARINA CA
	ere is no associated completes Item 13.	parent station, applicant certifies tha	l t it is a Broadcast Network E	ntity 13) State of Primary O	peration:
Con	trol Point (Techr	ical Point of Contact)			
	14) Action A/M	15) Locati Street Address, City or Town, C	on		16) Telephone Number

FCC 601 Schedule I Supplement 1

Location Data

1) Action Requested: () <u>A</u> dd <u>M</u> od	<u>D</u> el	2) Location Number:			
3) Location Description:	4) Area of Operation C	I ode:	5) Location Name:		
6) FCC Antenna Structure Registration Number,	FCC 854 File Number or	N/A:			
7) Latitude (DD-MM-SS.S):	NAD83 () <u>N</u> or <u>S</u>	8) Longitude (DDD-MN	M-SS.S):	NAD83 () <u>E</u> or <u>W</u>	
9) Street Address, Name of Landing Area, or Ot	her Location Description:				
10) City:	11) State:		12) County/Borough/Parish:		
13) Elevation of Site AMSL (meters) ('a' in antenna structure example):	14) Overall Ht AGL Wit Appurtenances (me ('b' in antenna strue	eters)	15) Overall Ht AGL With Appurtenances (meters) ('c' in antenna structure e	xample):	
16) Support Structure Type:					
17) Radius (km):					
18) Maximum Latitude (DD-MM-SS.S): Use for rectangle only (Northwest corner)	NAD83 () <u>N</u> or <u>S</u>	19) Maximum Longitud Use for rectangle only		NAD83 () <u>E</u> or <u>W</u>	
20) Do you propose to operate in an area that re	equires frequency coordinate	ation with Canada?		() <u>Y</u> es <u>N</u> o	
21) Description: (only for Area of Operation Cod	e 'O')				
22) Would Commission grant of Authorization for environmental effect? See Section 1.1307 of If 'Yes', submit an environmental assessment	of 47 CFR. nt as required by 47 CFR,	Sections 1.1308 and 1.1	311.	() <u>Y</u> es <u>N</u> o	
23a) If the site is located in one of the Quiet Zone entity was notified:/	es listed in Item 23b of the	Instructions, provide the	date (mm/dd/yyyy) that the prop	er Quiet Zone	
23b) Has the Applicant obtained prior written con application?	sent from the proper Quie	et Zone entity for the same	e technical parameters that are	specified in this) <u>Y</u> es <u>N</u> o	
24) Do you propose to operate in an area that requires frequency coordination with Mexico? () Yes No					

FCC 601 Schedule I Supplement 2

Path Data

Transmit Location	on			
Transmit location	on name:		2) Path number:	
3) Action Reques	ted: () Add New Path	Modify Existing Path	<u>D</u> elete Existing Pa	ıth
MAS or DEMS ()Fix Master-F	EMS only, MAS or DEMS Sub- red Two-way Remote/Nodal-User	()Multiple Two Master-Remo	o-way ote/Nodal-User	4b) Path code (Enter only one per path): MAS () Master to Remote () Remote to Master DEMS
	red One-way Outbound Master		-way Outbound Master	()Nodal to User ()User to Nodal
()Fix	ed One-way Inbound Master	()Mobile Mast	er	
Transmit Antenn		L	C) Antonno Model Niverbo	
5) Antenna Manuf	acturer:		6) Antenna Model Numbe	er:
7) Height to Cente	er of Antenna AGL (meters):	8) Beamwidth (degrees	s):	9) Antenna Gain (dBi):
10) Diversity Ante	nna Height AGL (meters):	11) Diversity Beamwid	th (degrees):	12) Diversity Antenna Gain (dBi):
13) Elevation (Tilt) Angle (degrees):	14) Polarization:		15) Azimuth to RX Location or Passive Repeater (degrees):
16) Periscope Ref Height:	flector Dimensions (meters): Width:		17) Periscope Reflector S	Deparation (meters):
18) If the final rece	eiver is located outside of the L	United States, enter the co	ountry in the space provide	ed and attach an exhibit explaining circumstances.
19) Does this path	n include passive repeater?			() <u>Y</u> es <u>N</u> o
Satellite Arc with E Geostationary Sate	g add or modify emanations in IRP greater than 65 dBm, or in ellite Arc with EIRP greater tha r the following questions below	n the 12700 - 13250 MHz n 75 dBm?	band pointing within 1.5 d	legrees of the
		·		rbital Calculations in the wavier exhibit.
20b) Does the App	plicant certify that there is no a	Iternative to the proposed	transmission path?	() <u>Y</u> es <u>N</u> o
20c) Does the App	licant certify that the proposed	operation will not cause i	nterference to an authoriz	red satellite system? () <u>Y</u> es <u>N</u> o
Final Receiver				
21) Receiver Loca	ation Name:			
22) Receiver anter	nna manufacturer:		23) Receiver antenna r	model number:
24) Receiver Call S	Sign:		1	
25) Height to Cent (meters):	ter of RX Antenna AGL	26) RX Antenna Beam	width (degrees):	27) RX Antenna Gain (dBi):
28) Diversity RX (meters):	Antenna Height AGL	29) Diversity RX Anten (degrees):	na Beamwidth	30) Diversity RX Antenna Gain (dBi):
31) RX Periscope Height:	Reflector Dimensions (meters Widt		32) RX Periscope Reflec	tor Separation (meters):

FCC 601 Schedule I Supplement 3

Passive Repeaters (PR)

Transmit Location			
Transmit Location Name:		2) Path Number:	
3) Action Requested: () Add New Passive F	Repeater <u>M</u> odify Existin	g Passive Repeater	<u>D</u> elete Existing Passive Repeater
Passive Repeater Information			
4) Passive Repeater Id: ()		5) Passive Repeater Se	equence Number: ()
6) Passive Repeater Location Name:			
7) Passive Repeater Antenna Manufacturer:		8) Passive Repeater Ant	enna Model Number:
9) Height to Center of Passive Repeater Antenna AGL (meters):	10) Back-to-Back RX D	ish Gain (dBi):	11) Back-to-Back TX Dish Gain (dBi):
12) Reflector Dimensions (meters): Height: Width:	13) Transmit Polarization	on:	14) Azimuth to RX Location or Next Passive Repeater:

Supplement 4

Frequency Data

1) Transmit Location Name:	2) Path Number:

Frequency Information

Act	3) tion A/M/D	4) Lower or Center Frequency (MHZ)	5) Upper Frequency (MHZ)	6) Tolerance (%)	7) EIRP (dBm)	8) Emission Designator	9) Baseband Digital Rate (kbps)	10) Digital Modulation Type
		Existing (if mod) New						
		11) Transmitter Manufacturer		12) Transmitter Model	13) Automatic Transmitter Power Control			