



(Print Copy For Reference Only) Auctions: Form 683

Status: **Submitted** Date Received: **11/5/18** File Number: **0008401531**

Applicant Information

Corporation				
Applicant Name				
Entity Name		Address		Jurisdiction of Formation
Computer 5 Inc. d/b, Communications	/a LocalTel	341 Grant Road East Wenatchee , W United States	4 98802	Washington
Responsible Part	y: Corporation			
Name		Phone		Email
Dimitri J Mandelis President		(509) 888-9123		Dimitri@localtel.net
Contact Informat	ion			
Name	Phone	Fax	Email	Address
John J Seabeck	(509) 888-9121	(509) 884-5197	John@localtel.net	341 Grant Road East Wenatchee , WA 98802 United States
Winning Bids ETC	Designation			
Package/Item Name		ETC		State
Financial Statem	ents			
Question			Response	
Did the applicant su short-form applicati	bmit audited financial s on?	statements with its	No	
	equest that the financi plication be withheld fr		Yes	

Agreements

Agreements with Other Parties

No, the applicant has not entered into partnerships, joint ventures, consortia, or other agreements, arrangements, or understandings of any kind relating to the potentially eligible areas being auctioned, including any agreements that address or communicate directly or indirectly bids (including specific prices), bidding strategies (including the specific potentially eligible areas on which to bid or not to bid), or the post-auction market structure, to which the applicant, or any party that controls or is controlled by the applicant, is a party.

Agreements

No agreements have been designated.

Ownership

Disclosable Interest Holders of this Applicant

Dimitri J Mandelis			
Disclosable Interest Hold	er Information		
Туре	FRN	Address	
Individual			o. 1 Canyon Road nee, WA 98801
Type of Interest in Applicant	Type of Ownership Interest in Applicant	Disclosable Interest Held in Applicant	Country of Citizenship
 Direct Ownership Interest in Applicant Officer Key Management Personnel 	Common Stock : Voting	57.00%	United States

FCC Regulated Business held by this Disclosable Interest Holder

FRB (FCC Regulated Businesses) Name	Principal Business	FRN	Percent of Interest Held by DIH
Computer 5, Inc. d/b/a LocalTel Communicaitons	LocalTel Communications	0014511364	57.00%

isclosable Interest Hold	er Information		
уре	FRN	Address	;
ndividual			neridge Drive ancthee, WA 98802
ype of Interest in Applicant	Type of Ownership Interest in Applicant	Disclosable Interest Held in Applicant	Country of Citizenship
Direct Ownership Interest in Applicant Officer Key Management Personnel	Common Stock : Voting	24.00%	United States
CC Regulated Business h	neld by this Disclosable Int	erest Holder	
RB (FCC Regulated Businesses) Name	Principal Business	FRN	Percent of Interest Held by DIH
Computer 5, Inc. d/b/a .ocalTel Communications	Localtel Communications	0014511364	24.00%

FCC Regulated Businesses of this Applicant

•	FRN	Applicant
Computer 5, Inc. d/b/a LocalTel Telecom/ ISP Communications	0014511364	100.00%

Certify and Submit

Certify Auction Application

I certify the following:

1. that the applicant is in compliance with all statutory and regulatory requirements.

- 2. that the applicant is financially and technically qualified to meet the public interest obligations of section 54.309 of Title 47 of the Code of Federal Regulations for each relevant performance tier and latency combination and in each area for which it seeks support.
- 3. that the applicant will have available funds for all project costs that exceed the amount of support to be received from the Phase II auction for the first two years of its support term and will comply with all program requirements, including service milestones.
- 4. that the applicant will meet the public interest obligations for each relevant tier, including the requirement that it will offer service at rates that are equal to or lower than the Commission's reasonable comparability benchmarks for fixed services offered in urban areas.
- 5. that the applicant acknowledges that it must be designated as an Eligible Telecommunications Carrier pursuant to section 214(e) of Title 47 of the United States Code (47 U.S.C. § 214(e)) in the area(s) in which it will receive support prior to being authorized to receive such support. If the applicant has already been designated as an Eligible Telecommunications Carrier in any area(s) in which it will receive support, the applicant has provided a certification of its status in each such area and relevant documentation supporting that certification in this application. If the applicant has not yet been designated as an Eligible Telecommunications Carrier in an area in which it will receive support, the applicant will submit a certification of its status as an Eligible Telecommunications Carrier in each such area and relevant documentation supporting that certification no later than 180 days after the public notice identifying the winning bidders and prior to being authorized to receive such support.
- 6. that the description of spectrum access in areas for which the applicant will seek support provided in this application to participate in competitive bidding is correct and the applicant will retain such access for at least ten (10) years after the date on which it is authorized to receive support.
- 7. that the applicant and any party to this application are not subject to a denial of federal benefits pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988.
- 8. that the applicant is aware that if this application is shown to be defective, the application may be dismissed without further consideration and penalties may apply.

I declare, under penalties of perjury, that I am an authorized representative of the above named applicant, that I have read the instructions and the foregoing certifications, and that all matters and things stated in this application, its schedules, and attachments, including exhibits, are true and correct.

Signature

John J Seabeck

Vice President

Initial Project Overview - LocalTel Communications

LocalTel Communications' winning CAF2 bid consists of 63 CBGs covering 787 individual census tracts encompassing 1910 locations across a 5-county area in Washington State. These 5 counties are Chelan, Douglas, Grant, Adams, and Lincoln. LocalTel will meet its Phase II public interest obligations by supplying these 1910 locations with access to 25Mbs/3Mbs fixed wireless internet service.

Expansion of Network Footprint

LocalTel currently offers Fiber/Wireless Internet access and Telephone service to over 25,000 customers in this 5-county area, as well as TV service in 3 of the counties.

LocalTel has approximately 200 wireless access point towers across this region, with towers near CAF2 project areas. We offer a variety of Internet access tiers over our Wireless network, including but not limited to the 25Mbs/3Mbs tier. Our initial project focus will be to pinpoint the 1910 CAF2 locations and find the most efficient way to build out and extend our existing tower footprint to service them.

LocalTel is building a geographic information system (GIS) database of address and GPS information for every county-assessed structure in our bid areas. This data allows visual and topographical identification of the best locations by which to extend our network. To be considered, potential tower sites must have vehicle access, power, and line of sight (LOS) to other towers and bid locations.

LocalTel will be erecting new towers, mono-pole structures, and using tall or elevated existing structures (such as grain silos or water towers) to expand our network footprint. LocalTel will use all means available when extending our network into CAF2 areas.

Our initial round of new tower buildout activity in Year 1 will concentrate on expanding our footprint into CAF2 areas closest to our existing towers. Upon completion of these new towers, we will continue to extend our services in Years 2 through 5 into additional CAF2 areas awarded for Phase II support.

Technology Details

A typical tower site will have the following equipment:

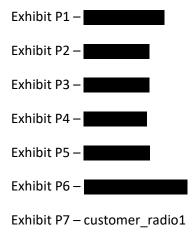
- Licensed Ghz Backhaul Radios
- Battery Backup
- 5 GHz Access Point Radios in PTMP or PTP mode (depending on the geographical area and number of customers)
- Power Over Ethernet (POE) switching equipment
- Locked Cabinet with exhaust Fan
- $\circ~~$ 2 to 4 ROHN tower sections with guide wires and Eco Blocks
- Concrete footings

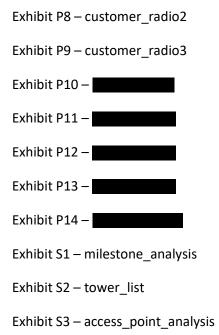
All LocalTel towers are engineered by licensed engineers, and built and maintained by experienced tower construction crews. All tower climbing crews are certified and tested annually on tower safety.

Pages 5-21 have been redacted because all of the substantive information contained in pages 5-21 is confidential per WAC 480-07-160.

List of Exhibits

- Exhibit A1 MRTG_SkyFi
- Exhibit A2 MRTG_DCPUD
- Exhibit A3 MRTG_GCPUD
- Exhibit A4 MRTG_CCPUD
- Exhibit B1 CAF2_network_layout_douglas
- Exhibit B2 CAF2_network_layout_grant_adams_lincoln
- Exhibit B3 existing_network_chelan_douglas
- Exhibit B4 existing_network_grant_adams_lincoln
- Exhibit C1 current_internet_network_map
- Exhibit C2 current_telephone_network_map
- Exhibit D1 coverage_map_year1
- Exhibit D2 coverage_map_year2
- Exhibit D3 coverage_map_year3
- Exhibit D4 coverage_map_year4
- Exhibit D5 coverage_map_year5
- Exhibit E1 professional_engineer_qualifications
- Exhibit E2 professional_engineer_network_design_certification





Pages 24-40 have been redacted because all of the substantive information contained in pages 24-40 is confidential per WAC 480-07-160.

Andrew Metcalfe



Andrew Metcalfe CEO / CTO Native Network Wenatchee, WA <u>metcalfe@nativenetwork.com</u> (509) 661-2455 (Office) (509) 661-2639 (Cell)

Education: BSEE Southern Illinois University Naval Engineering School AVI-C7 Boeing Manufacturing Engineering Andrew Metcalfe is currently a founder and CEO of Native Network Inc., Owner of CATTCOMM LLC as well as President and founder at ARMdcs Inc. Mr. Metcalfe has an office located in Wenatchee, Washington. Mr. Metcalfe has a proven track record in designing and building telecommunications networks and companies. Mr. Metcalfe has continued to leverage this background in the telecommunications industry specializing in opportunities requiring deep expertise in the areas of fiber optic network deployment, IP and data transmission as well as fixed and mobile wireless communications.

Background

In 1987, After his honorable discharge from the US Marine Corp, Mr. Metcalfe joined Boeing Defense and Space as an Experimental Radio-Frequency (RF) and Microwave Engineer. It was in this position that Mr. Metcalfe developed a deep and practical understanding of the technology behind wireless networks working primarily on the Airborne Warning and Communications (AWACS) program. Mr. Metcalfe took this experience to Cellular One in 1993 where he was the Director of Technical Operations. In this role Mr. Metcalfe was responsible for designing, engineering, and supervising the construction of Cellular One's communications infrastructure in Washington State.

In 1999, Mr. Metcalfe pursued a vision he had developed to create a rural area wholesale network in a company he founded – Northwest Telephone, Inc (NTI). Under Mr. Metcalfe's leadership, NTI constructed an 1800-mile fiber network providing SONET, IP, and Ethernet wholesale services over a DWDM backbone with the highest concentration of rural central offices and collocation hotels in the Pacific Northwest. After running this company for 10 years, Mr. Metcalfe successfully sold the business to the Zayo Group in 2008. At Zayo, Mr. Metcalfe was responsible for post-merger integration for NTI as well another acquisition – Columbia Fiber Solutions. Further, Mr. Metcalfe continued to play an active role in leading the fiber construction initiatives at Zayo as Senior VP and GM of the Northwest Region.

In 2009, Mr. Metcalfe founded CATTCOMM to provide consulting, engineering and field services to telecommunication carriers. Through a contract with Forensic Technology Inc. metcalfe was able to work as a Special Consultant working on vital projects involving large-scale network deployment and analysis projects for clients such as AT&T, Fairpoint Communications, XO Communications and Level 3 nationally and international communications companies such as Cellcom in Malaysia and Continental Communications in Guatemala.

Metcalfe founded Native Network Inc. in 2016 to focus on solving broadband connectivity issues on Native American lands. Combining his years of experience working in rural and underserved markets with engineering and proven business acumen to help solve critical issues that are attributed to the technology "Digital Divide" on Native American Reservation vs the United States in general.

Pages 42-173 have been redacted because all of the substantive information contained in pages 42-173 is confidential per WAC 480-07-160.

COMMU	N/C ATION	Fed	eral Comm Wireless Te						on			
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LICENSE	E: COMI	PUTER 5, INC.										
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NONE												
Conditio	ons:											

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

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following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

QZA867

File Number: 0007847505

Print Date: 09-30-2017

Frequency (MHz)	Tol (%)	Emission Desig	EIRP (dBm)		Path No	Seg	Emit Loc No	Ant Hgt (m)	(dBi) Ref	Beam (deg) lector xWd(m)	POL	AZIM (deg)	Rec Loc No	Rec Call Sign
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11175.0	0.0001	3 39M9D7D	59.500	03-29-2019	003	1	001	9.1	38.5	2.1	Н	348.6	003	
11175.0	0.0001	3 39M9D7D	62.500	03-29-2019	003	1	001	9.1	38.5	2.1	Н	348.6	003	
11175.0	0.0001	3 39M9D7D	68.500	03-29-2019	003	1	001	9.1	38.5	2.1	Н	348.6	003	
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Waivers/Conditions:

NONE

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002	BADG	ER	47-27-50.0 N			12-30.6		1042.0				
003	MONI	TOR-CCR	47-30-21.4 N		120-2	24-36.8	W	580.5				
004	JUMPO	OFF RIDGE	47-19-10.0 N		120-	14-21.3	W	1127.8				
005	BLAG	G MTN.	47-36-06.3 N		120-3	30-36.8	W	1425.0				
006	COUG	AR RIDGE	47-27-52.8 N		120-	17-16.5	W	409.0				
007	OHME SITE	E GARDENS TV	47-29-45.8 N		120-	19-10.5	W	531.0				
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Conditio	ns•											

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

Call Sign: W	QZC507		File Number: 0007999838					Print Date: 02-16-2018						
Frequency (MHz)	Tol (%)	Emission Desig	EIRP (dBm)		Path No	Seg	Emit Loc No	Ant Hgt (m)	(dBi) Ref	Beam (deg) lector xWd(m)	POL	AZIM (deg)	Rec Loc No	Rec Call Sign
		39M9D7D												
		39M9D7D												
		39M9D7D												
		39M9D7D												
10735.0		3 39M9D7D		10-05-2018		1	001	30.0	38.5	2.1	V	58.4	002	
10735.0		3 39M9D7D		10-05-2018		1	001	30.0	38.5	2.1	Н	58.4	002	
10735.0	0.0001	3 39M9D7D	56.500	10-05-2018	002	1	001	30.0	38.5	2.1	Н	58.4	002	
		39M9D7D												
		39M9D7D												
		39M9D7D												
		39M9D7D												
11055.0		3 39M9D7D		01-10-2019		1	001	9.1	38.5	2.1	V	321.8	003	
11055.0		3 39M9D7D		01-10-2019		1	001	9.1	38.5	2.1	V	321.8	003	
11055.0		3 39M9D7D		01-10-2019		1	001	9.1	38.5	2.1	V	321.8	003	
11055.0	0.0001	3 39M9D7D	68.500	01-10-2019	003	1	001	9.1	38.5	2.1	V	321.8	003	
		39M9D7D												
11055.0		3 39M9D7D		01-10-2019		1	001	9.1	38.5	2.1	V	321.8	003	
11055.0		3 39M9D7D		01-10-2019		1	001	9.1	38.5	2.1	Н	321.8	003	
11055.0		3 39M9D7D		01-10-2019		1	001	9.1	38.5	2.1	Н	321.8	003	
11055.0		3 39M9D7D		01-10-2019			001	9.1	38.5	2.1	Н	321.8	003	
11055.0	0.0001	3 39M9D7D	68.500	01-10-2019	004	1	001	9.1	38.5	2.1	Η	321.8	003	
		39M9D7D												
11055.0	0.0001	3 39M9D7D	68.500	01-10-2019	004	1	001	9.1	38.5	2.1	Η	321.8	003	
10715.0	0.0001	3 29M9D7D	56.500	01-10-2019	005	1	001	9.1	38.5	2.1	V	154.4	004	
10715.0		3 29M9D7D		01-10-2019		1	001	9.1	38.5	2.1	V	154.4	004	
10715.0	0.0001	3 29M9D7D		01-10-2019		1	001	9.1	38.5	2.1	V	154.4	004	
10715.0	0.0001	3 29M9D7D	64.500	01-10-2019	005	1	001	9.1	38.5	2.1	V	154.4	004	
		29M9D7D												
10715.0	0.0001	3 29M9D7D		01-10-2019		1	001	9.1	38.5	2.1	V	154.4	004	
10715.0	0.0001	3 29M9D7D	56.500	01-10-2019	006	1	001	9.1	38.5	2.1	Η	154.4	004	
10715.0		3 29M9D7D	59.500	01-10-2019	006	1	001	9.1	38.5	2.1	Н	154.4	004	
10715.0	0.0001	3 29M9D7D	62.500	01-10-2019	006	1	001	9.1	38.5	2.1	Н	154.4	004	
10715.0	0.0001	3 29M9D7D	64.500	01-10-2019	006	1	001	9.1	38.5	2.1	Н	154.4	004	
		29M9D7D												
10715.0	0.0001	3 29M9D7D	64.500	01-10-2019	006	1	001	9.1	38.5	2.1	Н	154.4	004	
11135.0	0.0001	3 39M9D7D	59.000	01-10-2019	007	1	001	9.8	41.0	1.7	V	323.4	005	
11135.0	0.0001	3 39M9D7D		01-10-2019		1	001	9.8	41.0	1.7	V	323.4	005	
11135.0	0.0001	3 39M9D7D		01-10-2019		1	001	9.8	41.0	1.7	V	323.4	005	
11135.0	0.0001	3 39M9D7D	71.000	01-10-2019	007	1	001	9.8	41.0	1.7	V	323.4	005	

Call Sign: WQZC507			Fil	e Number:	0007	79998	338		F	Print Da	te: 02-	-16-201	8	
Frequency (MHz)	Tol (%)	Emission Desig	EIRP (dBm)	Constr Date	Path No	Seg	Emit Loc No	Ant Hgt (m)	(dBi) Ref	Beam (deg) lector xWd(m)	POL	AZIM (deg)	Rec Loc No	Rec Call Sign
11135.0	0.0001	39M9D7D 3 39M9D7D	71.000	01-10-2019	007	1	001	9.8	41.0	17	v	2024	005	
11015.0		3 39M9D7D 3 39M9D7D		01-10-2019		1	001 001	9.8 10.7	41.0 34.3	1.7 3.4	V V	323.4 20.0	005	
11015.0		3 39M9D7D		01-10-2019		1	001	10.7	34.3 34.3	3.4 3.4	v V	20.0	006	
11015.0		3 39M9D7D		01-10-2019		1	001	10.7	34.3 34.3	3.4 3.4	v V	20.0	000	
11015.0		3 39M9D7D		01-10-2019		1	001	10.7	34.3 34.3	3.4 3.4	v	20.0	006	
11015.0	0.0001	39M9D7D	04.300	01-10-2019	008	1	001	10.7	54.5	5.4	v	20.0	000	
11015.0	0.0001	39M9D7D 3 39M9D7D	64 300	01-10-2019	008	1	001	10.7	34.3	3.4	v	20.0	006	
11015.0				01-10-2019		1	001	10.7		3.4 3.4	v H	20.0		
11015.0		3 39M9D7D		01-10-2019					34.3				006	
		3 39M9D7D 3 39M9D7D		01-10-2019		1	001	10.7	34.3	3.4	Н	20.0	006	
11015.0						1	001	10.7	34.3	3.4	Н	20.0	006	
11015.0	0.0001	3 39M9D7D	64.300	01-10-2019	009	1	001	10.7	34.3	3.4	Η	20.0	006	
11015 0	0.0001	39M9D7D	64 200	01 10 2010	000	1	001	10.7	24.2	2.4		20.0	000	
11015.0		3 39M9D7D		01-10-2019		1	001	10.7	34.3	3.4	H	20.0	006	
19620.0	0.0010	0 80M0D7D	57.800	01-10-2019	010	1	001	9.1	37.8	1.9	V	355.7	007	
		80M0D7D												
		80M0D7D												
		80M0D7D												
		80M0D7D												
		80M0D7D												
10560.0	0.0010	80M0D7D	57 000	01 10 0010	010	5	0.01		27.0	1.0			007	
19560.0	0.0010	0 40M0D7D	57.800	01-10-2019	010	1	001	9.1	37.8	1.9	V	355.7	007	
		40M0D7D												
		40M0D7D												
		40M0D7D												
		40M0D7D												
		40M0D7D												
	0.0040	40M0D7D												
19460.0	0.0010	0 80M0D7D	62.500	08-15-2019	011	1	001	10.0	42.5	1.1	Н	321.8	003	
		80M0D7D												
		80M0D7D												
		80M0D7D												
		80M0D7D												
		80M0D7D						1						
		80M0D7D												
19400.0	0.0010	0 40M0D7D	62.500	08-15-2019	011	1	001	10.0	42.5	1.1	Н	321.8	003	
		40M0D7D												
		40M0D7D												
		40M0D7D												

Call Sign: W	QZC507		File Number	r: 00079998	838		I	Print Da	te: 02-	16-201	8	
Frequency (MHz)	Tol (%)	Emission Desig 40M0D7D	EIRP Constr (dBm) Date	Path Seg No	Emit Loc No	Ant Hgt (m)	(dBi) Ref	Beam (deg) lector xWd(m)		AZIM (deg)	Rec Loc No	Rec Call Sign
		40M0D7D 40M0D7D										
Waivers/Con	ditions:											
NONE			2									
				2								
						•						

ATTN: JO COMPUI 343 GRA	OHN SEA FER 5, IN(NT ROAI	C.	10	lecom	municat	ions Bur	eau	C Wa File 000 Rad	Call Sign QZC508 e Numb 7674575 lio Servi Industria	er 5 ice	ess Pool
							SM	ISA		Station FX	
G	rant Date 4-05-2017	· ,	: 0014511364 Effective Date 04-05-2017		F	E xpiratio r 04-05-20				n t Date)6-2017	
				LOC	ATION						
1.53 KM SC City: EAST Loc No. 001	OUTH EAS WENAT Locati BADG	ST OF Badge ACHEE on Name	f Operation: r Mountain Rd County: DOUGLAS Latitude 47-27-50.0 N 47-25-16 4 N	I 1	tate: WA Longitude 20-12-30. 20-18-40	6 W	Elevation 1042.0 213.0			na Stru tration I	
	DUTH EAS WENAT	ST OF Badge ACHEE on Name	r Mountain Rd County: DOUGLAS Latitude 47-27-50.0 N 47-25-16.4 N	I 1 1	Longitude 20-12-30. 20-18-40.	6 W 7 W					
1.53 KM SC City: EAST Loc No.)01	OUTH EAS WENAT Locati BADG	ST OF Badge ACHEE on Name	r Mountain Rd County: DOUGLAS Latitude 47-27-50.0 N 47-25-16.4 N	I 1 1 EQUEN	20-12-30. 20-18-40. NCY PATI	6 W 7 W HS	1042.0			Rec Re Loc Ca	No.
1.53 KM SC City: EAST Loc No.)01)02 Frequency	DUTH EAS WENAT Docati BADG NOC Tol (%)	ST OF Badge ACHEE on Name ER Emission	r Mountain Rd County: DOUGLAS Latitude 47-27-50.0 N 47-25-16.4 N FRE EIRP Constr	I 1 2 QUEN Path No	Longitude 20-12-30. 20-18-40. NCY PATI Seg Emit Loc	6 W 7 W HS Ant Hgt	1042.0 213.0 Gain Beam (dBi) (deg) Reflector		Regist AZIM (deg)	Rec Re Loc Ca	No.

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. § 606.

Page 1 of 2

Call Sign: W(QZC508		Fil	e Number:	0007	6745	575		ł	Print Da	te: 04	-06-201	7	
Frequency (MHz)	Tol (%)	Emission Desig	EIRP (dBm)	0 0 0	Path No	Seg	Emit Loc No	Ant Hgt (m)	(dBi) Ref	Beam (deg) lector xWd(m)		AZIM (deg)		Rec Call Sign
11225.0	0.0001	3 39M9D7D	59.500	10-05-2018	002	1	001	30.0	38.5	2.1	Н	238.5	002	
11225.0	0.0001	3 39M9D7D	62.500	10-05-2018	002	1	001	30.0	38.5	2.1	Н	238.5	002	
11225.0	0.0001	3 39M9D7D 39M9D7D	65.500	10-05-2018	002	1	001	30.0	38.5	2.1	Н	238.5	002	
11225.0	0.0001	3 39M9D7D	65.500	10-05-2018	002	1	001	30.0	38.5	2.1	Н	238.5	002	

Waivers/Conditions:

NONE

LICENSE	E: COMP	PUTER 5, INC	Wireless T RADIO S								
ATTN: JO									Call Sig WQZC50 File Numl	9	
COMPUT 343 GRAI EAST WH	NT ROAI		2				MG -	Microw	000776564 Radio Serv	.5 vice	siness Poo
FCC Regist	ration Nu	mber (FRN)	: 0014511364					SMSA			on Class FXO
G	rant Date -05-2017		Effective Date 07-05-2017				ation Date 05-2027			int Da 06-20	
				LOC	CATIO	N					
	RTH WES		Agape Hill Rd	State:	WA				Ante	nna S	tructure
Loc No.		on Name	Latitude		Longi		Elevat	ion			on No.
01		VATER	47-36-58.9 N			-42.1 W	789.0				
02		G MTN.	47-36-06.3 N			-36.8 W	1425.0 799.8	Þ.			
03 04		ER HILL TOR CCR	47-45-07.2 N 47-30-21.4 N			-27.2 W -36.8 W	799.8 580.5				
		TORCER		REQUE			500.5				
Frequency MHz)	Tol (%)	Emission Desig	EIRP Constr (dBm) Date	Path	Seg 1	Emit Ant	t Hgt Gain E (dBi) (Reflec Ht(m)xV	deg) tor	POL AZIM (deg)	Loc	
0995.0	0.0001	3 79M6D7D 79M6D7D 79M6D7D 79M6D7D 79M6D7D 79M6D7D	55.500 10-05-20	18 002	1 (001 30.0	0 38.5 2	.1	Н 97.3	002	

Call Sign: WQZC509

Path Seg Emit Ant Hgt Gain Beam POL AZIM Rec Rec Frequency Tol EIRP Constr Emission (dBm) Date (dBi) (deg) (MHz) (%) Desig No Loc (deg) (m) No Reflector Ht(m)xWd(m) 001 10995.0 0.00013 79M6D7D 55.500 10-05-2018 002 1 30.0 38.5 2.1 97.3 Η 10995.0 0.00013 79M6D7D 55.500 10-05-2018 001 001 30.0 38.5 2.1 V 97.3 1 79M6D7D 79M6D7D 79M6D7D 79M6D7D 10995.0 0.00013 79M6D7D 55.500 10-05-2018 001 001 30.0 38.5 2.1 V 97.3 1 11075.0 0.00013 79M6D7D 56.500 01-05-2019 003 1 001 9.1 38.5 2.1 V 10.5 59.500 01-05-2019 003 11075.0 0.00013 79M6D7D 1 001 9.1 38.5 2.1V 10.5 62.500 01-05-2019 003 2.1 V 10.5 11075.0 0.00013 79M6D7D 1 001 9.1 38.5 68.500 01-05-2019 003 1 V 10.5 11075.0 0.00013 79M6D7D 001 9.1 38.5 2.1 79M6D7D 11075.0 0.00013 79M6D7D 68.500 01-05-2019 003 1 001 9.1 38.5 2.1 V 10.5 56.500 01-05-2019 004 1 9.1 11075.0 0.00013 79M6D7D 001 38.5 2.1 Η 10.5 59.500 01-05-2019 004 001 9.1 2.1 10.5 11075.0 0.00013 79M6D7D 1 38.5 Η 62.500 01-05-2019 004 1 9.1 11075.0 0.00013 79M6D7D 001 38.5 2.1Η 10.5 68.500 01-05-2019 004 11075.0 0.00013 79M6D7D 001 9.1 38.5 2.1 Η 10.5 1 79M6D7D 68.500 01-05-2019 004 1 001 9.1 11075.0 0.00013 79M6D7D 38.5 2.1Η 10.5 59.000 01-05-2019 005 001 9.1 V 10835.0 0.00013 79M6D7D 1 41.0 1.7 121.3 10835.0 0.00013 79M6D7D 62.000 01-05-2019 005 1 001 9.1 41.0 1.7 V 121.3 10835.0 0.00013 79M6D7D 65.000 01-05-2019 005 001 9.1 41.0 1.7 V 121.3 -1 71.000 01-05-2019 005 001 9.1 41.0 10835.0 0.00013 79M6D7D 1 1.7 V 121.3 79M6D7D 001 9.1 V 10835.0 0.00013 79M6D7D 71.000 01-05-2019 005 1 41.0 1.7 121.3 10835.0 0.00013 79M6D7D 59.000 01-05-2019 006 1 001 9.1 41.0 1.7 Η 121.3 10835.0 0.00013 79M6D7D 62.000 01-05-2019 006 1 001 9.1 41.0 1.7 Η 121.3 65.000 01-05-2019 006 9.1 10835.0 0.00013 79M6D7D 1 001 41.0 1.7 Η 121.3 10835.0 0.00013 79M6D7D 71.000 01-05-2019 006 1 001 9.1 41.0 1.7 Η 121.3 79M6D7D

71.000 01-05-2019 006

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9.1

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Waivers/Conditions:

0.00013 79M6D7D

NONE

10835.0

FCC 601-M



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121.3

Call

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File Number: 0007765645

Print Date: 07-06-2017

COMMO	C FIONS	Fed		Comm ireless Tel					ommissi ^{Ireau}	on			
COMMISS!	ON A		R	ADIO STA	ATIO	N AU	J THO	RIZAT	ION				
LICENSE	E: COMP	UTER 5, INC.								Ca	ll Sign		
ATTN: JC COMPUT 343 GRAI	TER 5, ING	2.		2						File	ZC510 Numb 764944	er	
		EE, WA 98802		R					MG - Mic	Radi	o Serv	ice	siness Pool
ECC Desist	notion Nu	mhor (FDN).	0145112	-					SM	SA			on Class XO
G	ration Nu rant Date 1-05-2017	mber (FRN): (Effec	tive Date 05-2017			E	xpiratio 04-05-2				nt Da 06-202	
					LOC	CATI	ON						
Fixed Locat AT THE EN City: CASH	D OF Uni	ess or Area of named Road County: CH	-	n: State: V	WA								
Loc No.	Locati	on Name	Lat	itude		Long	gitude		Elevation		Anten Regist		ructure n No.
001		G MTN.		36-06.3 N			80-36.8		1425.0		_		
002	TUMW	ATER		36-58.9 N			0-42.		789.0				
003	NOC		47-2	25-16.4 N			8-40.7		323.4				
Frequency	Tol	Emission	FIDD	Constr	-		PATH	15 Ant Hg	gt Gain Beam	POL A	4.7TM	Dee	Dee
Frequency (MHz)	(%)	Desig	(dBm)		No	Seg	Loc No	Ant Hy (m)	(dBi) (deg) Reflector Ht(m)xWd(m	((deg)	Loc	
11485.0	0.0001	3 79M6D7D 79M6D7D 79M6D7D 79M6D7D 79M6D7D 79M6D7D	54.500	10-05-2018	001	1	001	30.0	38.5 2.1	V 2	277.4	002	
11485.0	0.0001	3 79M6D7D	54.500	10-05-2018	001	1	001	30.0	38.5 2.1	V 2	277.4	002	
Conditio	ons:												

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Call Sign: W(QZC510		Fi	le Number:	0007	7649	944		I	Print Dat	t e: 07-	-06-201	7	
Frequency (MHz)	Tol (%)	Emission Desig	EIRP (dBm)	Constr Date	Path No	Seg	Emit Loc No	Ant Hgt (m)	(dBi) Ref	Beam (deg) lector xWd(m)	POL	AZIM (deg)		Rec Call Sign
11485.0	0.0001	3 79M6D7D 79M6D7D 79M6D7D 79M6D7D 79M6D7D 79M6D7D	54.500	10-05-2018	002	1	001	30.0	38.5	2.1	Н	277.4	002	
11485.0	0.0001	3 79M6D7D	54.500	10-05-2018	002	1	001	30.0	38.5	2.1	Н	277.4	002	
11625.0	0.0001	3 39M9D7D	59.000	01-05-2019	003	1	001	19.8	41.0	1.7	V	143.3	003	
11625.0	0.0001	3 39M9D7D	62.000	01-05-2019	003	1	001	19.8	41.0	1.7	V	143.3	003	
11625.0	0.0001	3 39M9D7D	65.000	01-05-2019	003	1	001	19.8	41.0	1.7	V	143.3	003	
11625.0		3 39M9D7D 39M9D7D		01-05-2019		1	001	19.8	41.0	1.7	V	143.3	003	
11625.0	0.0001	3 39M9D7D	71.000	01-05-2019	003	1	001	19.8	41.0	1.7	V	143.3	003	

Waivers/Conditions:

NONE

COMMUN H H COMMUN H H H H H H H H H H H H H H H H H H H	CLTIONS * S	Fe		COMM reless Tel ADIO STA	lecor	nmu	nicati	ions Bur	eau	issic	on			
ATTN: JO COMPUTI 343 GRAN	HN SEA ER 5, IN IT ROAI	C.							мс	6 - Micro	Wo File 000 Rad	Call Sign QZC511 e Numb 7674583 lio Serv Industri	er 3 ice	siness Pool
										SMS	Α			on Class FXO
	ant Date 05-2017		Effec	54 tive Date 05-2017				Expiration 04-05-20					nt Da)6-20	
Fixed Location .77 WEST OF City: ORONI	F S Rd N DO		OUGLAS	n: State: W	7A	Long	gitude		Flev	ation		Anter Regis		tructure
001	WB		47-4	1-20.7 N		120-0)9-55.	1 W	945.0)		Regis		
002	OHME	<u>}</u>	47-2	9-45.8 N			19-10. PATH		533.0)				
Frequency (MHz)	Tol (%)	Emission Desig	EIRP (dBm)	Constr	-			Ant Hgt (m)	(dBi) Refl		POL	AZIM (deg)	Rec Loc No	
11245.0 11245.0		3 79M6D7D 3 79M6D7D 79M6D7D 79M6D7D 79M6D7D		10-05-2018 10-05-2018		1 1	001 001	30.0 30.0	38.5 38.5	2.1 2.1	V V	208.4 208.4	002 002	
11245.0 11245.0	0.0001	3 79M6D7D 3 79M6D7D		10-05-2018 10-05-2018		1 1	001 001	30.0 30.0	38.5 38.5	2.1 2.1	V H	208.4 208.4	002 002]

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Call Sign: W(QZC511		Fil	e Number:	0007	76745	588		F	Print Da	te: 04-	-06-201	7	
Frequency (MHz)	Tol (%)	Emission Desig	EIRP (dBm)	Constr Date	Path No	Seg	Emit Loc No	Ant Hgt (m)	(dBi) Ref	Beam (deg) lector xWd(m)	POL	AZIM (deg)	Rec Loc No	Rec Call Sign
11245.0	0.00013	3 79M6D7D 79M6D7D 79M6D7D 79M6D7D 79M6D7D	57.500	10-05-2018	002	1	001	30.0		2.1	Н	208.4	002	
11245.0	0.00013	79M6D7D 3 79M6D7D	57.500	10-05-2018	002	1	001	30.0	38.5	2.1	Н	208.4	002	
Waivers/Cond	ditions:		-											
NONE														

COMMU COMMUSSION COMMISSION LICENSE	HCPTONS SS E: COMF	Fee	R	COMM reless Tel ADIO STA	lecor	nmu	nicati	ions Bur	eau	issio		all Sig		
ATTN: JC COMPUT 343 GRA EAST WI	ER 5, IN NT RD	-	2						мс	3 - Micro	Wo File 000 Rad	QZC512 e Numb 767459 lio Serv	2 0er 1 1 rice	siness Pool
										SMS	A			on Class FXO
G	ration Nu rant Date -05-2017	umber (FRN):	Effec	tive Date 05-2017			E	xpiration 04-05-2					nt Da 06-20	
					LOC	CATI	ON							
Fixed Locat UNNAMED City: ORON	RD	ess or Area o County: DO	-	n: State: W	ΛA							Anter	nna Si	tructure
Loc No. 001		on Name ERVILLE		i tude 1-20.7 N		-	gitude)9-55.1	ı w	Elev 591.	ation 3		Regis		
002		R BUTTE	47-4	8-25.2 N		120-0)6-03.2	2 W	781.	2				
				FRE	QUE	NCY	PATH	HS						
Frequency (MHz)	Tol (%)	Emission Desig	EIRP (dBm)		Path No	Seg	Emit Loc No	Ant Hgt (m)	(dBi) Ref	Beam (deg) lector xWd(m)		AZIM (deg)		Rec Call Sign
10835.0	0.0001	3 79M6D7D	65.000	10-05-2018	001	1	001	30.0	41.0	1.7	v	20.2	002	
10835.0	0.0001	3 79M6D7D 79M6D7D	71.000	10-05-2018	001	1	001	30.0	41.0	1.7	V	20.2	002	
10835.0		3 79M6D7D		10-05-2018		1	001	30.0	41.0	1.7	V	20.2	002	
10835.0 10835.0		3 79M6D7D 3 79M6D7D		10-05-2018 10-05-2018		1 1	001 001	30.0 30.0	41.0 41.0	1.7 1.7	V V	20.2 20.2	002 002	
Conditio	ons:	h) of the Comm												

following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. § 606.

Call Sign: WQ	QZC512		Fil	e Number:	0007	76745	591		F	Print Dat	t e: 04	-06-201	7	
Frequency (MHz)	Tol (%)	Emission Desig	EIRP (dBm)	Constr Date	Path No	Seg	Emit Loc No	Ant Hgt (m)	(dBi) Ref	Beam (deg) lector xWd(m)	POL	AZIM (deg)		Rec Call Sign
10835.0	0.0001	3 79M6D7D	71.000	10-05-2018	002	1	001	30.0	41.0	1.7	Н	20.2	002	
10835.0	0.0001	3 79M6D7D	59.000	10-05-2018	002	1	001	30.0	41.0	1.7	Н	20.2	002	
10835.0	0.0001	3 79M6D7D	62.000	10-05-2018	002	1	001	30.0	41.0	1.7	Н	20.2	002	
10835.0	0.0001	3 79M6D7D	65.000	10-05-2018	002	1	001	30.0	41.0	1.7	Н	20.2	002	
10835.0	0.0001	3 79M6D7D	71.000	10-05-2018	002	1	001	30.0	41.0	1.7	Н	20.2	002	
		79M6D7D												

Waivers/Conditions:

NONE

COMMO COMMO	NIC ATIONS	Fed		Comm reless Tel						issic	on			
J.	A s		R	ADIO STA	ТЮ	N AU	U THO	RIZATI	ON					
LICENSE	on SE: COMP	PUTER 5, INC.									C	all Sign		
ATTN: JO COMPUT 343 GRA	TER 5, IN NT ROAI	C.		2							Fil 000	QZC513 e Numb 7674592	er 2	
EAST WI	ENATCH	EE, WA 98802							М	G - Micro		l io Serv Industri		siness Pool
FCC Regist	ration Nr	ımber (FRN):	001/15113	54						SMS	A			o n Class FXO
G	rant Date 4-05-2017	· · ·	Effec	tive Date 05-2017			E	xpiratio 04-05-2					nt Da 06-201	
					LOC	CATI	ON							
	BDEGREE	ess or Area of ES OF INTERS County: CHEI	ECTION (ANYC	ON DR	& PEAI	R ORC	HARD R	D			
Loc No. 001 002	Upper	RVILLE	47-4	tude 8-25.2 N 1-20.7 N		120-0	gitude)6-03.2)9-55.1		Elev 781. 591.			Anter Regis		tructure n No.
				FRE	QUE	ENCY	PATH	IS						
Frequency (MHz)	Tol (%)	Emission Desig	EIRP (dBm)		Path No	Seg	Emit Loc No	Ant Hg (m)	(dBi) Ref	Beam (deg) flector)xWd(m)	POL	AZIM (deg)	Rec Loc No	Call
11325.0 11325.0 11325.0 11325.0	0.0001 0.0001	3 79M6D7D 3 79M6D7D 3 79M6D7D 3 79M6D7D 3 79M6D7D	62.000 65.000	10-05-2018 10-05-2018 10-05-2018 10-05-2018	001 001	1 1 1 1	001 001 001 001	30.0 30.0 30.0 30.0	41.0 41.0 41.0 41.0	1.7 1.7 1.7 1.7	V V V V	200.2 200.2 200.2 200.2	002 002 002 002	
11325.0		79M6D7D 3 79M6D7D	71.000	10-05-2018	001	1	001	30.0	41.0	1.7	V	200.2	002	
Conditio	ons:													

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

Call Sign: W	Ill Sign: WQZC513 File Nun							592		P	rint Dat	t e: 04-	06-201	7	
Frequency (MHz)	Tol (%)	Emission Desig			Constr Date	Path No	Seg	Emit Loc No	Ant Hgt (m)	(dBi) Ref	Beam (deg) lector xWd(m)	POL	AZIM (deg)	Rec Loc No	Rec Call Sign
11325.0	0.00013	79M6D7D	59	0.000	10-05-2018	002	1	001	30.0	41.0	1.7	Н	200.2	002	
11325.0	0.00013	79M6D7D	62	2.000	10-05-2018	002	1	001	30.0	41.0	1.7	Н	200.2	002	
11325.0	0.00013	79M6D7D	65	000.	10-05-2018	002	1	001	30.0	41.0	1.7	Н	200.2	002	
11325.0	0.00013	79M6D7D 79M6D7D	71	.000	10-05-2018	002	1	001	30.0	41.0	1.7	Н	200.2	002	
11325.0	0.00013	79M6D7D	71	.000	10-05-2018	002	1	001	30.0	41.0	1.7	Н	200.2	002	

Waivers/Conditions:

NONE

LICENSEE	E: COMP	UTER 5, INC.		ADIO STA	ATIO			ons Bu RIZATI							
ATTN: JOI COMPUTE 343 GRAN	ER 5, INC T ROAD	1 /•									W(File 000	all Sign QZE624 • Numb 7695459	er)		
EAST WEI	NATCHE	E, WA 98802							MG -		wave		al/Bu	siness Pool	
FCC Registra	ation Nu	mhon (EDN).	00145112	1						SMS	4			on Class FXO	
Gra	ant Date 24-2017		Effec	tive Date 24-2017							Print Date 04-25-2017				
					LOC	CATI	ON								
Fixed Locatio WATERVILL City: WATER	LE H20 T	OWER	-	n: nty: DOUC	IAS		State:	WA							
Loc No. 001	Locatio WATEI TOWEI		tude 8-08.3 N	Longitude Elevation 120-04-08.0 W 826.0						Antenna Structure Registration No.					
002		CHELAN BU	JTTE 47-4	8-25.0 N		120-0)2-03.2	W	1166.5						
				FRE	QUE	NCY	PATH	[S							
Frequency (MHz)	Tol (%)	Emission Desig	EIRP (dBm)		Path No	Seg	Emit Loc No	Ant Hg (m)	t Gain B (dBi) (d Reflec Ht(m)xV	deg) tor	POL	AZIM (deg)		Rec Call Sign	
10915.0	0.00200	79M3D7D 79M3D7D 79M3D7D 79M3D7D 79M3D7D 79M3D7D	59.000	10-24-2018	001	1	001	9.1	41.0 1	.7	V	7.8	002		

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

Call Sign: WQZE624

File Number: 0007695459

Print Date: 04-25-2017

Waivers/Conditions:

NONE

COMMU COMMUSS LICENSE ATTN: JC COMPUT	OHN SEA	UTER 5, INC. BECK	Wireles	STATION	municati	ions B		Call Sig WQZE62 File Num	ber			
343 GRA EAST WI) EE, WA 98802		3			MG - Micro	00076954 Radio Ser wave Indust				
FCC Regist	ration Nu	mber (FRN): (0014511364				SMS	A	Station Class FXO			
G	rant Date 24-2017		Effective D 04-24-201			Print Date 04-25-2017						
Fixed Locat TV BADGE City: TV BA	R	ess or Area of (County: D	-	State: WA	ATION							
Loc No. 001 002	TV BA	o n Name DGER, WA ADGER, WA	Latitude 47-27-50.0 47-34-39.9) N 1 9 N 1	Longitude 20-12-30. 20-11-47.	8 W	Elevation 1042.1 1285.0	1042.1				
				FREQUEN		_						
Frequency (MHz)	Tol (%)	Emission Desig	EIRP Const (dBm) Date	r Path No	Seg Emit Loc No	Ant H (m)	gt Gain Beam (dBi) (deg) Reflector Ht(m)xWd(m)	POL AZIN (deg)	I Rec Rec Loc Call No Sign			
10915.0	0.0020	0 79M3D7D 79M3D7D 79M3D7D 79M3D7D 79M3D7D 79M3D7D	56.500 10-24	-2018 001	1 001	12.2	38.5 2.1	H 4.0	002			

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

Call Sign: WQZE627

File Number: 0007695470

Print Date: 04-25-2017

Waivers/Conditions:

NONE

COMMU SUCCENSE LICENSE		UTER 5, INC	W	Comm ireless Tel RADIO STA	ecor	nmu	inicati	ons Bur		C	f all Sigr QZE628		
COMPUT 343 GRA	ER 5, INC	2								000 Rad	e Numb 769547: lio Serv	3 ice	
									MG - Micro SMS			Stati	siness Pool on Class FXO
G	Grant Date Effective Date 04-24-2017 04-24-2017						E	xpiratio 04-24-2		Print Date 04-25-2017			
Fixed Locat HOWES LA City: HOWI	NDING	ess or Area of C)peratio ty: DOU		5	te: W							
Loc No. 001 002	Locatio HOWE OHME SITE	WA 47-3	itude 39-46.1 N 29-45.8 N		120-	gitude 11-52.4 19-10.5		Elevation 445.9 531.0		Antenna Structure Registration No.			
Frequency (MHz)	Tol (%)	Emission Desig	EIRP (dBm)	Constr	· ·		Loc	IS Ant Hgt (m)	(dBi) (deg)	POL	AZIM (deg)	Loc	Call
11485.0	0.0020	0 79M3D7D 79M3D7D 79M3D7D 79M3D7D 79M3D7D 79M3D7D	59.000	10-24-2018	001	1	No 001	9.1	Reflector Ht(m)xWd(m) 41.0 1.7	v	206.3	No 002	Sign

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

Call Sign: WQZE628

File Number: 0007695473

Print Date: 04-25-2017

Waivers/Conditions:

NONE

COMMU S S COMMISSI LICENSE	E: COMF	F PUTER 5, II		al Comm Wireless Te RADIO ST	leco	nmu	inicati	ons Bur	eau	on			
											all Sigr QZE932		
ATTN: JO COMPUI 343 GRA	TER 5, IN	C.								File	e Numb 775697	er	
EAST WI	ENATCH	EE, WA 98	802						MG - Micro		l io Serv Industri		siness Pool
FCC Regist	ration Nr	umber (FR)	N)• 0014 ⁴	511364					SMS	Α			on Class FXO
G	rant Date -26-2017		-	Effective Date 05-23-2017			E	xpiration 04-26-2				nt Da 24-20	
					LOC	CATI	ON						
Fixed Locat OHME GAF City: OHMI	RDENS TI E GARDE	IV SITE	-	ration: County: CHELA Latitude			tate: W gitude	γA	Elevation				tructure on No.
001		E GARDEN	S TV	47-29-45.8 N			19-10.5	5 W	531.0		Regis	u au	JH 1 10 .
002 003	HOWE NOC	ES LANDIN	NG, WA	47-39-46.1 N 47-25-16.4 N			11-52.4 18-40.7		449.3 213.0				
				FRI	EQUE	ENCY	PATH	IS					
Frequency (MHz)	Tol (%)	Emission Desig		IRP Constr IBm) Date	Path No	Seg	Emit Loc No	Ant Hgt (m)	Gain Beam (dBi) (deg) Reflector Ht(m)xWd(m)		AZIM (deg)		
10995.0	0.0010	00 80M0D7D 80M0D7D 80M0D7D 80M0D7D 80M0D7D 80M0D7D))	0.400 10-26-2018	3 001	1	001	9.1	40.4 1.6	V	26.2	002	
following frequence license n	to §309(h g condition ies design or the righ	ns: This lic ated in the l nt granted th	ense shal license be rereunder	tions Act of 193 Il not vest in the eyond the term t shall be assigne 0(d). This licen	licens hereo ed or o	see ar f nor otherv	ny right in any wise tra	to opera other man insferred	te the station no nner than autho in violation of	or any rized h the Co	right in Ierein. mmunic	the us Neithe cation	se of the er the s Act of

Call Sign: W(QZE932		Fil	e Number:	0007	7569	976		I	Print Dat	te: 05-	-24-201	7	
Frequency (MHz)	Tol (%)	Emission Desig 80M0D7D	EIRP (dBm)	Constr Date	Path No	Seg	Emit Loc No	Ant Hgt (m)	(dBi) Ref	Beam (deg) lector xWd(m)	POL	AZIM (deg)	Rec Loc No	Rec Call Sign
18060.0	0.0010	80M0D7D 0 80M0D7D 80M0D7D 80M0D7D 80M0D7D 80M0D7D 80M0D7D	57.800	11-23-2018	002	1	001	9.1	37.8	1.9	V	175.7	003	
18000.0	0.0010	80M0D7D 0 40M0D7D 40M0D7D 40M0D7D 40M0D7D 40M0D7D 40M0D7D 40M0D7D	57.800	11-23-2018	002	1	001	9.1	37.8	1.9	V	175.7	003	
Waivers/Cond NONE	ditions:													

COMMU COMMU COMMUSSI COMMISSI LICENSE	E: COMF	Fee	R	COMM reless Tel ADIO STA	ecor	nmu	nicati	ons Bui	eau	issic	on			
												Call Sign		
ATTN: JC COMPUT 343 GRAI	ER 5, IN	C.		2							File	QZE935 e Numb 767458	er	
		EE, WA 98802	2	R					м	G - Micro		lio Serv Industri		siness Pool
										SMS	A			on Class FXO
Gı	ration Nu rant Date -26-2017	imber (FRN):	Effec	54 tive Date 26-2017			E	xpiratio 04-26-2					nt Da 27-20	
					LOC	CATI	ON							
Fixed Locat ALONGSID City: SUNN	E Unnam		f Operation	n: State	: WA									
Loc No. 001 002	Locati OHME WB	on Name	47-2	tude 9-45.8 N 1-20.7 N		120-1	gitude 19-10.5)9-55.1		Elev 533. 945.			Anter Regis		tructure on No.
				FRE	QUE	NCY	PATH	IS						
Frequency (MHz)	Tol (%)	Emission Desig	EIRP (dBm)		Path No	Seg	Emit Loc No	Ant Hgt (m)	(dBi) Ref	Beam (deg) lector xWd(m)	POL	AZIM (deg)		Rec Call Sign
10755.0	0.0001	3 79M6D7D	56.500	10-26-2018	001	1	001	30.0	38.5	2.1	v	28.3	002	
10755.0	0.0001	3 79M6D7D 79M6D7D 79M6D7D 79M6D7D 79M6D7D	57.500	10-26-2018	001	1	001	30.0	38.5	2.1	V	28.3	002	
10755.0	0.0001	3 79M6D7D	57.500	10-26-2018	001	1	001	30.0	38.5	2.1	v	28.3	002	
10755.0	0.0001	3 79M6D7D	57.500	10-26-2018	002	1	001	30.0	38.5	2.1	Н	28.3	002	

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

Call Sign: W(QZE935		Fil	e Number:	0007	76745	89		I	Print Da	t e: 04-	-27-201	7	
Frequency (MHz)	Tol (%)	Emission Desig	EIRP (dBm)	Constr Date	Path No	Seg	Emit Loc No	Ant Hgt (m)	(dBi) Ref	Beam (deg) lector xWd(m)	POL	AZIM (deg)		Rec Call Sign
10755.0	0.0001	3 79M6D7D	56.500	10-26-2018	002	1	001	30.0	38.5	2.1	Н	28.3	002	
10755.0		3 79M6D7D 79M6D7D 79M6D7D 79M6D7D 79M6D7D		10-26-2018			001	30.0	38.5	2.1	Н	28.3	002	
Waivers/Cond	ditions:													
NONE														

_

	HICK TO BE TO BE COMP	F uter 5, i	Wi	Commu reless Teleo ADIO STAT	comm	unicati	ons Bur		'n		
		DECV							Call WQZ	Sign F971	
COMPUT	ΟΗΝ SEA ΓER 5, IN(ΝΤ ROAI	2.							File N 000778	umber 31244	
		EE, WA 98	3802	3				MG - Micro	Radio Sowave Ind		isiness Pool
ECC Desist	notion Nu	mhor (FD	N): 00145113					SMS	A		on Class FXO
G	rant Date 5-05-2017	linder (FR	Effec	tive Date 20-2017		E	xpiration 05-05-20			Print Da 07-21-20	
				L	ОСАТ	TION					
Fixed Locat UPPER CH City: UPPE	ELAN BU	TTE	a of Operation County	n: : CHELAN	Sta	ate: WA					
Loc No. 001 002	UPPEF WATE TOWE	RVILLE H R	N BUTTE 47-4 I20 47-3	88-08.9 N	120 120	ngitude)-02-03.2)-04-08.0) W	Elevation 1166.5 826.0		ntenna S Registratio	
003	MCNE	IL-NORT	4/-2	19-58.5 N FREO		-54-08.1 Y PATH		645.5			
Frequency (MHz)	Tol (%)	Emission Desig	EIRP (dBm)	Constr Pa	ath Se	g Emit	Ant Hgt	Gain Beam (dBi) (deg) Reflector Ht(m)xWd(m)		ZIM Rec eg) Loc No	
11565.0	0.0020	0 79M3D7I 79M3D7I 79M3D7I 79M3D7I 79M3D7I 79M3D7I)))	11-05-2018 0	01 1	001	9.1	41.0 1.7	V 18	7.8 002	
followin frequenc license n 1934, as	to §309(h g condition ies designation for the right amended.	ns: This lie ated in the t granted t See 47 U.	cense shall not license beyonc hereunder shal	vest in the lic l the term ther l be assigned This license	ensee a eof no or othe is subje	any right r in any o rwise tra ect in ter	to operation to op	309(h), this lice te the station no mer than author in violation of t right of use or	or any righ rized here he Comm	ht in the us ein. Neithe nunication	se of the er the s Act of

Call Sign: WQ	ZF971		Fil	le Number:	0007	7812	244		I	Print Dat	te: 07	-21-201	7	
Frequency (MHz)	Tol (%)	Emission Desig	EIRP (dBm)	Constr Date	Path No	Seg	Emit Loc No	Ant Hgt (m)	(dBi) Ref	Beam (deg) lector xWd(m)	POL	AZIM (deg)	Rec Loc No	Rec Call Sign
10835.0	0.0001	3 79M6D7D	56.500	01-20-2019	002	1	001	9.1	38.5	2.1	V	73.7	003	
10835.0	0.0001	3 79M6D7D	57.500	01-20-2019	002	1	001	9.1	38.5	2.1	V	73.7	003	
		79M6D7D 79M6D7D 79M6D7D												
10835.0	0.0001	3 79M6D7D	57.500	01-20-2019	002	1	001	9.1	38.5	2.1	V	73.7	003	
10835.0	0.0001	3 79M6D7D	56.500	01-20-2019	003	1	001	9.1	38.5	2.1	Н	73.7	003	
10835.0	0.0001	3 79M6D7D	57.500	01-20-2019	003	1	001	9.1	38.5	2.1	Н	73.7	003	
		79M6D7D												
		79M6D7D												
		79M6D7D												
10835.0	0.0001	3 79M6D7D	57.500	01-20-2019	003	1	001	9.1	38.5	2.1	Н	73.7	003	

Waivers/Conditions:

NONE

FCC 601-M August 2007 Exhibit Y

COMMUNITY COMMUN	E: Compu		eral Comn Wireless T RADIO ST	eleco	nmu	nicati	ons Bur	eau	issic	on			
ATTN: M COMPUT 343 GRA	ER 5, IN	I SEABECK C.	5							W Fil	Call Sign QZG820 e Numb 771322	6 oer	
		EE, WA 98802						мс	6 - Micro		lio Serv Industr		siness Pool
FCC Regist	ration Nu	mber (FRN): 0	014511364						SMS	A			on Class FXO
G	r ant Date -12-2017		Effective Date 05-12-2017			E	xpiratio 05-12-2					nt Da 13-20	
Fixed Locat 13733 US-2 City: ORON		ess or Area of (County: DOU(-		CATI	ON							
Loc No. 001 002	ORON	on Name DO ROCK SS LANDING	Latitude 47-35-21.0 N 47-39-46.1 N	FOU	120-1 120-1	gitude 13-59.1 11-52.4	·W	Elev 242.9 449.2					tructure on No.
Frequency (MHz)	Tol (%)	Emission Desig	EIRP Constr (dBm) Date	-		PATH Emit Loc No	Ant Hgt (m)	(dBi) Ref	Beam (deg) lector xWd(m)	POL	AZIM (deg)		Rec Call Sign
11225.0 11225.0 11225.0 11225.0	0.0001 0.0001	3 39M9D7D 3 39M9D7D 3 39M9D7D 3 39M9D7D 3 39M9D7D 39M9D7D	56.50011-12-2059.50011-12-2062.50011-12-2068.50011-12-20	18 001 18 001	1 1 1 1	001 001 001 001	9.1 9.1 9.1 9.1	38.5 38.5 38.5 38.5 38.5	2.1 2.1 2.1 2.1	H H H H	17.8 17.8 17.8 17.8	002 002 002 002	

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

Call Sign: WQZG826

File Number: 0007713227

Print Date: 05-13-2017

Waivers/Conditions:

NONE

	HICK IN CALL	Fede	Wi	Comm reless Tel ADIO STA	eco	mmu	nicati	ions Bui		on			
ATTN: JO COMPUT	OHN SEA	BECK								WQ	all Sign QZH526 Numb	5	
343 GRA	NT ROAD			1					MG - Micro	0007 Rad	7695230 io Serv	5 ice	siness Pool
FCC Regist	ration Nu	mber (FRN): 00	145113	54					SMS	A			on Class FXO
G	rant Date -18-2017		Effec	tive Date 8-2017			E	xpiration 05-18-2				nt Da 19-20	
Fixed Locat STINES HII City: STINE	L	ess or Area of O County: CH	-	n: State:		CATI							
Loc No. 001 002	STINE	o n Name S HILL, WA AR RIDGE, WA	47-3	i tude 31-31.1 N 27-52.8 N		120-3	gitude 31-35.8 17-16.5		Elevation 609.9 409.0		Anter Regis		tructure on No.
				FRE	· ·		PATH	_					
Frequency (MHz)	Tol (%)	Emission Desig	EIRP (dBm)	Constr Date	Path No	Seg	Emit Loc No	Ant Hgt (m)	t Gain Beam (dBi) (deg) Reflector Ht(m)xWd(m)	POL	AZIM (deg)	Rec Loc No	
11245.0	0.0002	0 79M3D7D 79M3D7D 79M3D7D 79M3D7D 79M3D7D 79M3D7D	59.000	11-18-2018	001	1	001	12.2	41.0 1.4	Н	110.5	002	

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Call Sign: WQZH526

File Number: 0007695236

Print Date: 05-19-2017

Waivers/Conditions:

NONE

	-	Fede uter 5, Inc. J SEABECK	W	Comm ireless Te RADIO STA	leco	mmu	inicati	ons Bure	au	issio		Call Sign QZI246		
343 GRA		C. EE, WA 98802							MG	- Micro	000 Rac	e Numb 771322 lio Serv Industr	6 rice	siness Pool
										SMS	A			on Class FXO
G	ration Nu rant Date 5-23-2017	imber (FRN): 00	Effec	64 etive Date 23-2017			E	xpiration 1 05-23-202					nt Da 24-20	ite
					LO	CATI	ON							
Fixed Locat ALONGSIE City: ORON	DE UNNA	ess or Area of O MED RD County: DOUG	-	n: State: W	/A									
Loc No. 001 002 003	HOWE ORON	on Name ES LANDING DO ROCK E GARDENS TV	47-: 47-:	itude 39-46.1 N 35-21.0 N 29-45.8 N		120- 120-	gitude 11-52.4 13-59.1 19-10.5	l W	Elev: 449.2 242.9 513.0)				tructure on No.
				FRE	QUE	ENCY	PATH	IS						
Frequency (MHz)	Tol (%)	Emission Desig	EIRP (dBm)	Constr Date	Path No	Seg	Emit Loc No		(dBi) Refl	Beam (deg) ector xWd(m)		AZIM (deg)	Loc	
10735.0 10735.0 10735.0 10735.0	0.0001 0.0001	3 39M9D7D 3 39M9D7D 3 39M9D7D 3 39M9D7D 3 39M9D7D 39M9D7D	59.500 62.500	11-23-2018 11-23-2018 11-23-2018 11-23-2018	001 001	1 1 1	001 001 001 001	9.1 3 9.1 3	38.5 38.5 38.5 38.5 38.5	2.1 2.1 2.1 2.1	H H H	197.9 197.9 197.9 197.9	002 002 002 002	
followin frequenc license n 1934, as	to §309(h g condition ies design or the righ amended.	a) of the Commun ns: This license s ated in the license at granted thereun See 47 U.S.C. § ns Act of 1934, as	hall not beyon der shal 310(d).	vest in the d the term th l be assigne This licens	licent nereo d or o se is s	see ar f nor other subjec	ny right in any wise tra et in ter	t to operate other mann ansferred ir	the st the than than viola	tation no an autho ation of	or any rized l the Co	right in nerein. mmunio	the us Neithe cation	se of the er the s Act of

Call Sign: W(QZI246		File	e Number:	0007	7132	226		F	Print Dat	te: 05-	24-201	7	
Frequency (MHz)	Tol (%)	Emission Desig	EIRP (dBm)	Constr Date	Path No	Seg	Emit Loc No	Ant Hgt (m)	(dBi) Ref	Beam (deg) lector xWd(m)	POL	AZIM (deg)		Rec Call Sign
11485.0	0.0010	00 80M0D7D 80M0D7D 80M0D7D 80M0D7D 80M0D7D 80M0D7D 80M0D7D	60.400	11-23-2018	002	1	001	9.1	40.4		V	206.3	003	
Waivers/Con	ditions:			20										
NONE														

ATTN: JO	OHN SEAI	UTER 5, INC BECK	R	ADIO STA	econ	nmu	nicati	ons Bui	reau		C W(all Sigr QZP960 e Numb)	
343 GRA	FER 5, INC NT ROAD ENATCHE		2	3					MG -	Micro	000 Rad	776564′ l io Serv	7 ice	siness Pool
	, b t		00145110							SMS	A			on Class FXO
G	rant Date 6-30-2017	mber (FRN):	Effec	tive Date 30-2017			E	xpiratio 06-30-2					nt Da 01-20	
					LOC	ATI	ON							
	RHT OF C	e ss or Area o Chumstick Hw FH Cou n			ate: V	WA								
Loc No. 001 002		o n Name ER HILL ⁄ATER	47-4	i tude 5-07.2 N 86-58.9 N		120-3	g itude 38-27.2 40-42.1		Elevati 799.8 789.0	on		Anter Regis		tructure on No.
					-		PATH							
	Tol	Emission	EIRP (dBm)		Path No	Seg	Emit Loc	Ant Hgt (m)	Gain B (dBi) (d		POL	AZIM (deg)	Rec Loc No	Rec Call Sign
Frequency (MHz)	(%)	Desig	(UDIII)	Dutt			No		Reflect Ht(m)xW	/				
(MHz)		Desig 3 79M6D7D		12-30-2018		1	No 001	9.1		'd(m)	V	190.6	002	
(MHz)	0.0001	-	56.500		001	1 1		9.1 9.1	Ht(m)xW	'd(m) 1	v v	190.6 190.6	002 002	
(MHz) 11565.0 11565.0	0.0001	3 79M6D7D	56.500 59.500	12-30-2018	001 001	-	001		Ht(m)xW 38.5 2.	'd(m) 1 1				
(MHz) 11565.0	0.0001 0.0001 0.0001	3 79M6D7D 3 79M6D7D	56.500 59.500 62.500 68.500	12-30-2018 12-30-2018 12-30-2018 12-30-2018	001 001 001 001	1	001 001	9.1	Ht(m)xW 38.5 2. 38.5 2. 38.5 2. 38.5 2. 38.5 2.	'd(m) 1 1 1 1	v	190.6 190.6 190.6	002	
(MHz) 11565.0 11565.0 11565.0	0.0001 0.0001 0.0001 0.0001	3 79M6D7D 3 79M6D7D 3 79M6D7D 3 79M6D7D 3 79M6D7D	56.500 59.500 62.500 68.500 68.500	12-30-2018 12-30-2018 12-30-2018	001 001 001 001 001	1	001 001 001	9.1 9.1	Ht(m)xW 38.5 2. 38.5 2. 38.5 2.	7 d(m) 1 1 1 1	v v	190.6 190.6	002 002	

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Call Sign: W(QZP960		Fil	e Number:	0007	7656	547		I	Print Da	te: 07	-01-201	7	
Frequency (MHz)	Tol (%)	Emission Desig	EIRP (dBm)	Constr Date	Path No	Seg	Emit Loc No	Ant Hgt (m)	(dBi) Ref	Beam (deg) lector xWd(m)	POL	AZIM (deg)		Rec Call Sign
11565.0	0.0001	3 79M6D7D	56.500	12-30-2018	002	1	001	9.1	38.5	2.1	Н	190.6	002	
11565.0	0.0001	3 79M6D7D	62.500	12-30-2018	002	1	001	9.1	38.5	2.1	Н	190.6	002	
11565.0	0.0001	3 79M6D7D 79M6D7D	68.500	12-30-2018	002	1	001	9.1	38.5	2.1	Н	190.6	002	
11565.0	0.0001	3 79M6D7D	68.500	12-30-2018	002	1	001	9.1	38.5	2.1	Н	190.6	002	

Waivers/Conditions:

NONE

ATTN: JO COMPUI 343 GRA	DHN SEA TER 5, IN NT ROAI	PUTER 5, IN BECK C.	Wir RA	eless Tele		nmu	nicati			G - Micro SMS	W(File 000 Rad	all Sigr 2ZQ365 • Numb 799984 io Serv Industri	5 er 1 ice ial/Bu	siness Pool
										5115	A			FXO
G	ration Ni rant Date 7-05-2017			4 ive Date 5-2018			E	xpiratio 07-05-20					nt Da 16-20	
					LOC									
71 Xed Locat .78 KM EAS City: CASH Loc No. 001 002	ST OF Re IMERE Locati MONI NOC	d Apple Rd County: on Name TOR-CCR	47-25	State: V]]]	120-2 120-1	gitude 24-36.8 18-40.7	' W	Elev 580.4 213.0 789.0	C		Anter Regis		tructure n No.
003	1 1 1 1 1 1 1	VATER		, 50., 11		20			102.					
003		VATER		FRF	OUF	NCY	PATE	IS						
003 Frequency (MHz)	Tol (%)	Emission Desig	EIRP ((dBm) 1	Constr	-		PATH Emit Loc No	IS Ant Hgt (m)	(dBi) Ref	Beam (deg) lector xWd(m)		AZIM (deg)	Loc	

following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

Call Sign: Wo	QZQ365		Fil	e Number:	0007	79998	841		ŀ	Print Dat	t e: 02-	16-201	8	
Frequency (MHz)	Tol (%)	Emission Desig	EIRP (dBm)	Constr Date	Path No	Seg	Emit Loc No	Ant Hgt (m)	(dBi) Ref	Beam (deg) lector xWd(m)	POL	AZIM (deg)		Rec Call Sign
11545.0	0.0001	3 39M9D7D	56.500	01-05-2019	002	1	001	21.3	38.5	2.1	Н	141.7	002	
11545.0	0.0001	3 39M9D7D	59.500	01-05-2019	002	1	001	21.3	38.5	2.1	Н	141.7	002	
11545.0	0.0001	3 39M9D7D	62.500	01-05-2019	002	1	001	21.3	38.5	2.1	Н	141.7	002	
11545.0	0.0001	3 39M9D7D 39M9D7D	68.500	01-05-2019	002	1	001	21.3	38.5	2.1	Н	141.7	002	
11545.0	0.0001	3 39M9D7D	68.500	01-05-2019	002	1	001	21.3	38.5	2.1	Н	141.7	002	
11325.0	0.0001	3 79M6D7D	59.000	01-05-2019	004	1	001	9.1	41.0	1.7	Н	301.5	003	
11325.0	0.0001	3 79M6D7D	62.000	01-05-2019	004	1	001	9.1	41.0	1.7	Н	301.5	003	
11325.0	0.0001	3 79M6D7D		01-05-2019		1	001	9.1	41.0	1.7	Н	301.5	003	
11325.0	0.0001	3 79M6D7D		01-05-2019		1	001	9.1	41.0	1.7	Н	301.5	003	
		79M6D7D												
11325.0	0.0001	3 79M6D7D	71.000	01-05-2019	004	1	001	9.1	41.0	1.7	Н	301.5	003	
11325.0	0.0001	3 79M6D7D	59.000	01-05-2019	003	1	001	9.1	41.0	1.7	V	301.5	003	
11325.0	0.0001	3 79M6D7D	62.000	01-05-2019	003	1	001	9.1	41.0	1.7	V	301.5	003	
11325.0	0.0001	3 79M6D7D		01-05-2019	- I	1	001	9.1	41.0	1.7	V	301.5	003	
11325.0	0.0001	3 79M6D7D	71.000	01-05-2019	003	1	001	9.1	41.0	1.7	V	301.5	003	
		79M6D7D												
11325.0		3 79M6D7D		01-05-2019		1	001	9.1	41.0	1.7	V	301.5	003	
17900.0	0.0010	0 80M0D7D	62.500	08-15-2019	005	1	001	25.0	42.5	1.1	Н	141.7	002	
		80M0D7D												
		80M0D7D												
		80M0D7D												
		80M0D7D												
		80M0D7D												
		80M0D7D												
17840.0	0.0010	0 40M0D7D	62.500	08-15-2019	005	1	001	25.0	42.5	1.1	Η	141.7	002	
		40M0D7D												
		40M0D7D												
		40M0D7D												
		40M0D7D												
		40M0D7D												
		40M0D7D												
Waivers/Con	ditions:							٩						
NONE														

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COMMU	NICERILO	Fed		Comm reless Tel						issio	n			
	NS S		R	ADIO STA	ATIO	N AU	JTHO	RIZATI	ON					
COMMISS	ON A													
LICENSE	E: COMF	UTER 5, INC.												
												all Sigr		
ATTN: JC												QZQ367 e Numb		
COMPUT 343 GRAI												776494		
EAST WE	ENATCH	EE, WA 98802										lio Serv		
									M	J - MICRO	wave	Industri	iai/Bu	siness Pool
										SMS	A		Stati	on Class
FCC Regist	ration Nu	mber (FRN): (0145113	54	2									
	ant Date			tive Date			Е	xpiratio					nt Da	
07	-05-2017		07-0)5-2017	-			07-05-2	2027			07-0	06-20	17
					LOC	CATI	ON							
Fixed Locat	ion Addr	ess or Area of	Operation	n:										
6529 Jumpor City: WENT		County: CH	IFI AN	State: V										
City: WEIG		county. ci		State.								Antei	ına S	tructure
Loc No.	Locati	on Name	Lat	itude		-	gitude			ation		Regis		
001		OFF RIDGE		9-10.0 N			4-21.3		1127					
002	NOC			25-16.4 N			8-40.7		213.					
003	MOUN	MENT HILL	47-1	.9-13.1 N			18-04.7		870.	4				
F	T . 1	E	FIDD		-		PATH	_		P	DOI	47114	D	Dec
Frequency (MHz)	Tol (%)	Emission Desig	EIRP (dBm)		Path No	Seg	Emit Loc No	Ant Hg (m)	(dBi) Ref	Beam (deg) lector xWd(m)	POL	AZIM (deg)	Loc	Rec Call Sign
11215.0	0.0001	3 29M9D7D	56.500	01-05-2019	001	1	001	10.7	38.5	2.1	v	334.4	002	
Frequency Sp Authorized fre		lition: erance is 0.00000	15											
11215.0		3 29M9D7D		01-05-2019	001	1	001	10.7	38.5	2.1	V	334.4	002	
Frequency Sp Authorized fre	ecial Con		15.											
Conditio	ns:													

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Call Sign: W	QZQ367	7	Fil	e Number:	0007	7649	943		P	rint Dat	t e: 07-	-06-201	7	
Frequency (MHz)	Tol (%)	Emission Desig	EIRP (dBm)	Constr Date	Path No	Seg	Emit Loc No	Ant Hgt (m)	(dBi) Ref	Beam (deg) lector xWd(m)	POL	AZIM (deg)	Rec Loc No	Rec Call Sign
11215.0	0.000	13 29M9D7D	62.500	01-05-2019	001	1	001	10.7	38.5	2.1	V	334.4	002	
Frequency Spe														
		lerance is 0.000001			0.04			4 0 -	a a a					
11215.0	0.000	13 29M9D7D 29M9D7D	68.500	01-05-2019	001	1	001	10.7	38.5	2.1	V	334.4	002	
Frequency Spe Authorized free		dition: lerance is 0.000001	5.											
11215.0	0.000	13 29M9D7D	68.500	01-05-2019	001	1	001	10.7	38.5	2.1	V	334.4	002	
Frequency Spe Authorized free		dition: lerance is 0.000001	5.											
11215.0		13 29M9D7D		01-05-2019	002	1	001	10.7	38.5	2.1	Н	334.4	002	
Frequency Spo Authorized free		dition: lerance is 0.000001	5.											
11215.0		13 29M9D7D	· · · · · ·	01-05-2019	002	1	001	10.7	38.5	2.1	Н	334.4	002	
Frequency Spe Authorized free		dition: lerance is 0.000001			3									
11215.0	0.000	13 29M9D7D	62.500	01-05-2019	002	1	001	10.7	38.5	2.1	Н	334.4	002	
Frequency Spo			_											
		lerance is 0.000001		01.05.0010	000		001	10.7	20.5	2.1		224.4	000	
11215.0	0.000	13 29M9D7D 29M9D7D	68.500	01-05-2019	002		001	10.7	38.5	2.1	Н	334.4	002	
Frequency Spo Authorized free		dition: lerance is 0.000001	5.			-								
11215.0	0.000	13 29M9D7D	68.500	01-05-2019	002	1	001	10.7	38.5	2.1	Н	334.4	002	
Frequency Spo Authorized free		dition: lerance is 0.000001	5.											
11075.0	0.000	15 77M0D7D	65.000	01-05-2019	003	1	001	9.1	41.0	1.5	V	89.7	003	
		77M0D7D												
		77M0D7D												
		77M0D7D												
		dition: listed elsewhere on	this auth	norization is s	uperse	eded b	y this c	condition:	Authori	zed freque	ency to	lerance	is 0.00	000015
percent. 11075.0	0.000	15 77M0D7D	65 000	01-05-2019	002	1	001	9.1	41.0	15	V	89.7	003	
Frequency Sp			05.000	01-03-2019	005	1	001	9.1	41.0	1.5	v	07./	005	
		listed elsewhere on	this auth	norization is s	uperse	eded b	y this c	ondition:	Authori	zed freque	ency to	lerance	is 0.00	00015
percent.					•		•							
11565.0	0.000	15 77M0D7D	65.000	01-05-2019	003	1	001	9.1	41.0	1.5	V	89.7	003	
		77M0D7D												
		77M0D7D												
		77M0D7D												

Call Sign: W(QZQ367	,	Fil	e Number:	0007	7649	943		P	rint Da	t e: 07-	-06-201	7	
Frequency (MHz)	Tol (%)	Emission Desig	EIRP (dBm)	Constr Date	Path No	Seg	Emit Loc No	Ant Hgt (m)	(dBi) Ref	Beam (deg) lector xWd(m)	POL	AZIM (deg)		Rec Call Sign
Frequency Spe The frequency to percent.		dition: listed elsewhere	on this auth	orization is s	uperse	eded b	by this c	condition:	Authori	zed frequ	ency to	lerance	is 0.00	00015
11565.0	0.0001	15 77M0D7D 77M0D7D 77M0D7D 77M0D7D 77M0D7D	65.000	01-05-2019	003	1	001	9.1	41.0	1.5	V	89.7	003	
Frequency Spe														
The frequency to percent.	olerance	listed elsewhere	on this auth	orization is s	superse	eded b	by this c	ondition:	Authori	zed frequ	ency to	lerance	is 0.00	00015
11565.0	0.0001	15 77M0D7D	65.000	01-05-2019	003	1	001	9.1	41.0	1.5	V	89.7	003	
Frequency Spectrum The frequency to		dition: listed elsewhere	on this auth	orization is s	uperse	eded b	oy this c	ondition:	Authori	zed frequ	ency to	lerance	is 0.00	00015
percent.							5			-				
11075.0	0.0001	15 77M0D7D 77M0D7D 77M0D7D 77M0D7D 77M0D7D	65.000	01-05-2019	003	1	001	9.1	41.0	1.5	V	89.7	003	
Frequency Spe The frequency to percent.			on this auth	orization is s	superse	eded b	by this c	condition:	Authori	zed frequ	ency to	lerance	is 0.00	00015
11565.0	0.0001	15 77M0D7D	65.000	01-05-2019	004	1	001	9.1	41.0	1.5	Н	89.7	003	
		77M0D7D				٢,								
		77M0D7D												
_ ~		77M0D7D												
Frequency Spe The frequency to percent.		dition: listed elsewhere	on this auth	orization is s	uperse	eded b	by this c	condition:	Authori	zed frequ	ency to	lerance	is 0.00	00015
11565.0	0.0001	15 77M0D7D	65.000	01-05-2019	004	1	001	9.1	41.0	1.5	Н	89.7	003	
		77M0D7D												
		77M0D7D												
		77M0D7D												
		dition: listed elsewhere	on this auth	orization is s	superse	eded b	by this c	condition:	Authori	zed frequ	ency to	lerance	is 0.00	00015
percent. 11565.0	0.0001	15 77M0D7D	65.000	01-05-2019	004	1	001	9.1	41.0	1.5	н	89.7	003	
Frequency Spe	cial Con													00015
percent.					-		-			•				
11075.0	0.0001	15 77M0D7D 77M0D7D	65.000	01-05-2019	004	1	001	9.1	41.0	1.5	H	89.7	003	

Call Sign: W	QZQ367	,	File Numbe	r: 000	77649	943		I	Print Da	te: 07-	-06-201	7	
Frequency (MHz)	Tol (%)	Emission Desig	EIRP Constr (dBm) Date	Path No	Seg	Emit Loc No	Ant Hgt (m)	(dBi) Ref	Beam (deg) lector xWd(m)	POL	AZIM (deg)	Rec Loc No	Rec Call Sign
		77M0D7D											
		77M0D7D											
Frequency Spe			a. a				1		1.0			• • • •	00015
The frequency t percent.	tolerance	listed elsewhere	on this authorization i	s superse	eded t	by this c	condition:	Authori	zed frequ	ency to	lerance	18 0.00	00015
11075.0	0.0001	15 77M0D7D	65.000 01-05-20	19 004	1	001	9.1	41.0	1.5	Н	89.7	003	
		77M0D7D											
		77M0D7D											
		77M0D7D											
Frequency Spe The frequency to percent.			on this authorization is	s superso	eded b	by this c	condition:	Authori	zed frequ	ency to	lerance	is 0.00	00015
11075.0	0.0001	15 77M0D7D	65.000 01-05-20	19 004	1	001	9.1	41.0	1.5	Н	89.7	003	
Frequency Spectrum The frequency to percent.			on this authorization i	s superse	eded l	by this c	condition:	Authori	zed frequ	ency to	olerance	is 0.00	00015
Waivers/Con	ditions:		· · · · · · · · · · · · · · · · · · ·										
NONE													



COMMU S S S COMMISSU LICENSE	E: Compt			Comm ireless Tel	lecor	nmu	nicati	ons Bur	eau	issio	'n			
												t <mark>all Sigr</mark> QZS408		
ATTN: M COMPUT 343 GRAI	ER 5, IN	J SEABECI C.	ĸ								File	e Numb 7781214	er	
		EE, WA 98	802	R					м	G - Micro	Rad	lio Serv	ice	siness Pool
										SMS	A			on Class FXO
FCC Regist	ration Nu	mber (FR	N): 00145113	64	2								1	<u>A0</u>
	rant Date -20-2017			tive Date 20-2017			E	xpiration 07-20-2					nt Da 21-20	
					LOC	CATI	ON							
Fixed Locat 465 McNeil City: ORON	Canyon R		of Operatio	n: State: W	/A									
														tructure
Loc No. 001 002	MCNE	on Name CIL-NORTH		itude 19-58.5 N 18-25-2 N		119-	gitude 54-08.1 02-03.1		Elev 645. 1166			Regis	tratio	on No.
	UTTE	CHELAN	DUTTE 47-				PATH		1100					
Frequency (MHz)	Tol (%)	Emission Desig	EIRP (dBm)	Constr	-		Emit Loc No	_	(dBi) Ref	Beam (deg) lector xWd(m)	POL	AZIM (deg)		Rec Call Sign
11325.0	0.0001	3 79M6D7D	56.500	01-20-2019	001	1	001	9.1	38.5	2.1	V	253.8	002	
11325.0	0.0001	3 79M6D7D		01-20-2019		1	001	9.1	38.5	2.1	v	253.8	002	
11325.0	0.0001	3 79M6D7D 79M6D7D 79M6D7D)	01-20-2019	001	1	001	9.1	38.5	2.1	V	253.8	002	
11325.0	0.0001	3 79M6D7D	60.500	01-20-2019	001	1	001	9.1	38.5	2.1	V	253.8	002	
11325.0	0.0001	3 79M6D7D	56.500	01-20-2019	002	1	001	9.1	38.5	2.1	Н	253.8	002	
Conditio	ns:													

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

Call Sign: WQ	QZS408		Fil	e Number:	0007	7812	214		I	Print Dat	te: 07-	-21-201	7	
Frequency (MHz)	Tol (%)	Emission Desig	EIRP (dBm)	Constr Date	Path No	Seg	Emit Loc No	Ant Hgt (m)	(dBi) Ref	Beam (deg) lector xWd(m)	POL	AZIM (deg)		Rec Call Sign
11325.0	0.0001	3 79M6D7D	59.500	01-20-2019	002	1	001	9.1	38.5	2.1	Н	253.8	002	
11325.0	0.0001	3 79M6D7D 79M6D7D 79M6D7D	60.500	01-20-2019	002	1	001	9.1	38.5	2.1	Η	253.8	002	
11325.0	0.0001	3 79M6D7D	60.500	01-20-2019	002	1	001	9.1	38.5	2.1	Н	253.8	002	

Waivers/Conditions:

NONE

COMMA COMA CO	ACC PTIONS * S	F	ede	Wi	Comm reless Te ADIO STA	lecoi	mmu	nicati	ons Bui	eau	issio	'n			
ATTN: JC COMPUT 343 GRAN	OHN SEA ÈR 5, INC NT ROAL	2.								MO		Wo File 000 Rad		9 9 ice ial/Bu	siness Pool
				X							SMS	A			on Class FXO
	cant Date -27-2017		(). 00	Effec	tive Date 27-2017			E	xpiratio 07-27-2					nt Da 28-20	
						LOC	CATI	ON							
Fixed Locat COUGAR R City: COUG	IDGE		-	p eratio DOUG		State	: WA								
Loc No.	Locati	on Name		Lat	itude		Lond	gitude		Flex	ation				tructure on No.
001		AR RIDGE	WA		27-52.8 N		-	17-16.5	w	409.			Regis	11 a 110	11 1 10 ,
002		S HILL, W			31-31.1 N			31-35.8		609.					
003	NOC. V				25-16.4 N			18-40.7		213.					
					FRE	QUE	ENCY	PATH	IS						
Frequency (MHz)	Tol (%)	Emission Desig		EIRP (dBm)	Constr Date	Path No	Seg	Emit Loc No	Ant Hgt (m)	(dBi) Ref	Beam (deg) lector xWd(m)	POL	AZIM (deg)	Loc	
10755.0	0.0020	0 79M3D7D 79M3D7D 79M3D7D 79M3D7D 79M3D7D 79M3D7D	1	59.000	01-27-2019	001	1	001	12.2	41.0	1.7	H	290.6	002	
11505.0	0.0001	3 39M9D7D		62.000	01-27-2019	002	1	001	12.2	41.0	1.7	V	200.0	003	
Conditio	ns:														

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

Call Sign: W	QZT397		Fil	e Number:	0007	6953	89		F	Print Dat	t e: 07-	28-201	7	
Frequency (MHz)	Tol (%)	Emission Desig	EIRP (dBm)	Constr Date	Path No	Seg	Emit Loc No	Ant Hgt (m)	(dBi) Ref	Beam (deg) lector xWd(m)	POL	AZIM (deg)	Rec Loc No	Rec Call Sign
11505.0	0.0001	3 39M9D7D	65.000	01-27-2019	002	1	001	12.2	41.0	1.7	V	200.0	003	
11505.0	0.0001	3 39M9D7D 39M9D7D	71.000	01-27-2019	002	1	001	12.2	41.0	1.7	V	200.0	003	
11505.0	0.0001	3 39M9D7D	71.000	01-27-2019	002	1	001	12.2	41.0	1.7	V	200.0	003	
11505.0	0.0001	3 39M9D7D	59.000	01-27-2019	002	1	001	12.2	41.0	1.7	V	200.0	003	
11505.0	0.0001	3 39M9D7D	59.000	01-27-2019	003	1	001	12.2	41.0	1.7	Н	200.0	003	
11505.0	0.0001	3 39M9D7D	62.000	01-27-2019	003	1	001	12.2	41.0	1.7	Н	200.0	003	
11505.0	0.0001	3 39M9D7D	65.000	01-27-2019	003	1	001	12.2	41.0	1.7	Н	200.0	003	
11505.0	0.0001	3 39M9D7D 39M9D7D	71.000	01-27-2019	003	1	001	12.2	41.0	1.7	Н	200.0	003	
11505.0	0.0001	3 39M9D7D	71.000	01-27-2019	003	1	001	12.2	41.0	1.7	Н	200.0	003	

Waivers/Conditions:

NONE

FCC 601-M August 2007 Exhibit Y

ATTN: JO COMPUT 343 GRA	DHN SEA FER 5, IN NT ROAI	C.	R NC.	ADIO STA				ons Bur RIZATI		G - Micr	Wo File 000 Rad	fall Sigr QZT398 e Numb 803774 lio Serv Industri	er 7 ice al/Bu	siness Pool
ECC De rist		h ar (FD	N), 00145112	-1						BIVI C				TXO
G	ration No rant Date 7-27-2017	2		tive Date 4-2018			E	xpiration 07-27-20					nt Da 15-20	
					LOC	'ATI	ON							
Fixed Locat WATERVII City: WATH Loc No. 001 002	LLE LOO ERVILLV Locat WATH LOOK	KOUT V LOOKOU ion Name ERVILLE	Lat i 47-4	1: ty: DOUGI itude .1-20.7 N 5-05.0 N		Long 120-(State: gitude)9-55.1)8-25.2	W	Elev 944. 1264			Anter Regis		tructure n No.
				FRE	QUE	NCY	PATH	IS						
	Tol (%)	Emission Desig	EIRP (dBm)	Constr	-			Ant Hgt (m)	(dBi) Ref	Beam (deg) lector	_	AZIM (deg)	Rec Loc No	Rec Call Sign
Frequency (MHz)									Ht(m)	xWd(m)				

following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

Call Sign: W	QZT398		Fil	e Number:	0008	30377	47		I	Print Da	te: 03-	-15-201	8	
Frequency (MHz)	Tol (%)	Emission Desig	EIRP (dBm)	Constr Date	Path No	Seg	Emit Loc No	Ant Hgt (m)	(dBi) Ref	Beam (deg) lector xWd(m)	POL	AZIM (deg)		Rec Call Sign
11075.0	0.0001	3 79M6D7D	62.500	09-14-2019	003	1	001	12.2	38.5	2.1	Н	170.8	002	
11075.0	0.0001	3 79M6D7D	68.500	09-14-2019	003	1	001	12.2	38.5	2.1	Н	170.8	002	
Waivers/Cor NONE	nditions:													
					2									

LICENSE ATTN: JC COMPUT	OHN SEA	PUTER 5, INC BECK	deral Comn Wireless T RADIO ST	elecon	nmunicati	ons Bu	reau	Call Sig WQZU25 File Num	55 ber
343 GRA EAST WI		D EE, WA 98802	2				MG - Micro	000769493 Radio Ser	
			0014511051				SMS	A	Station Class FXO
G	ration Nu rant Date 3-03-2017	imber (FRN):	Effective Date 08-03-2017		Е	xpiratio 08-03-2			-04-2017
				LOC	ATION				
Fixed Locat SKI BADGH City: WATH	ER	ess or Area of County:	-	tate: W	A				
Loc No. 001 002 003 004	SKI-B Stor Wate Look	on Name ADGER, WA MY LODGE, V ERVILLE OUT, ADGER, WA	Latitude 47-34-39.0 N WA 47-49-10.0 N 47-41-20.7 N 47-27-50.0 N	1 1 1	Longitude 20-11-47.8 20-25-18.3 20-09-55.1 20-12-30.5	3 W 1 W	Elevation 1285.0 481.6 944.0 1042.1		enna Structure istration No.
	1 + D2				NCY PATH		10-12.1		
Frequency (MHz)	Tol (%)	Emission Desig	EIRP Constr (dBm) Date	Path No	Seg Emit Loc No	Ant Hg (m)	t Gain Beam (dBi) (deg) Reflector Ht(m)xWd(m)	POL AZIM (deg)	I Rec Rec Loc Call No Sign
11645.0	0.0000	01 77M0D7D 77M0D7D 77M0D7D 77M0D7D 77M0D7D	65.000 02-03-20	19 001	1 001	13.1	41.0 1.5	V 327.9	002
following frequence license n 1934, as	to §309(h g conditio ies design or the righ amended.	ns: This licens ated in the lice at granted there See 47 U.S.C	nunications Act of 19 se shall not vest in th nse beyond the term eunder shall be assign . § 310(d). This lice , as amended. See 4	e license thereof ned or of nse is su	ee any right nor in any therwise tra bject in ter	t to opera other ma ansferred	ate the station no inner than author in violation of t	or any right in rized herein. the Commun	n the use of the Neither the ications Act of

Call Sign: W	QZU255	i	Fil	e Number:	0007	6949	984		I	Print Da	te: 08	-04-201	7	
Frequency (MHz)	Tol (%)	Emission Desig	EIRP (dBm)	Constr Date	Path No	Seg	Emit Loc No	Ant Hgt (m)	(dBi) Ref	Beam (deg) lector xWd(m)	POL	AZIM (deg)	Rec Loc No	Rec Call Sign
		77M0D7D 77M0D7D 77M0D7D 77M0D7D 77M0D7D 77M0D7D												
Frequency Sp	ecial Con	dition:												
		listed elsewhere												00015 %.
11565.0	0.0020	00 79M3D7D 79M3D7D 79M3D7D 79M3D7D 79M3D7D 79M3D7D	56.500	02-03-2019	002	1	001	16.8	38.5	2.1	Η	10.8	003	
11405.0	0.0020	00 79M3D7D 79M3D7D 79M3D7D 79M3D7D 79M3D7D 79M3D7D	56.500	02-03-2019	003	1	001	6.7	38.5	2.1	Η	184.0	004	
Waivers/Cor	nditions:					S								
NONE														

	JTER 5, INC.						RIZATIO					
										all Sigr		
N SEAB	ECK									QZU256		
	E, WA 98802							MG - Micro	Rad	lio Serv	vice	siness Pool
tion Nur	nber (FRN): 00)	145113	64					SMS	A			on Class FXO
nt Date 3-2017		Effec	tive Date			E						
				100	CATI	ON						
DGE E (Locatio STORM	County: CHELA n Name IY LODGE, WA	N Lat 47-4	State: WA itude 49-10.0 N	<u>A</u>	120-2	25-18.1		Elevation 481.6 1285.0				
			FRE	· ·			_					
				Path No	ı Seg	Emit Loc No	Ant Hgt (m)	Gain Beam (dBi) (deg) Reflector Ht(m)xWd(m)	POL	AZIM (deg)	Rec Loc No	Rec Call Sign
0.00001	77M0D7D 77M0D7D	65.000	02-03-2019	001	1	001	11.6	41.0 1.5	V	147.8	002	
	R 5, INC T ROAD ATCHE tion Num nt Date 3-2017 n Addres DGE E (Locatio STORM SKI -BA Tol (%) 0.00001	R 5, INC.	R 5, INC. `ROAD ATCHEE, WA 98802 tion Number (FRN): 00145113 nt Date Effect 3-2017 08-0 n Address or Area of Operation DGE E County: CHELAN Location Name Lat STORMY LODGE, WA 47-4 SKI -BADGER, WA 47-3 Tol Emission EIRP (%) Desig (dBm) 0.00001 77M0D7D 65.000 77M0D7D 77M0D7D 77M0D7D 77M0D7D 77M0D7D 77M0D7D 77M0D7D 77M0D7D	R 5, INC. 'ROAD ATCHEE, WA 98802 tion Number (FRN): 0014511364 nt Date 3-2017 08-03-2017 n Address or Area of Operation: DGE E County: CHELAN State: WA Location Name Latitude STORMY LODGE, WA 47-49-10.0 N SKI -BADGER, WA 47-34-39.9 N FRE Tol Emission EIRP Constr (%) Desig (dBm) Date 0.00001 77M0D7D	A 5, INC. 'ROAD ATCHEE, WA 98802 tion Number (FRN): 0014511364 nt Date Effective Date 3-2017 08-03-2017 LOO n Address or Area of Operation: DGE E County: CHELAN State: WA Location Name Latitude STORMY LODGE, WA 47-49-10.0 N SKI -BADGER, WA 47-34-39.9 N FREQUE Tol Emission EIRP Constr Path (%) Desig (dBm) Date No 0.00001 77M0D7D 77M0D7D 77M0D7D 77M0D7D 77M0D7D 77M0D7D 77M0D7D 77M0D7D 77M0D7D 77M0D7D 77M0D7D 77M0D7D 77M0D7D 77M0D7D 77M0D7D 77M0D7D 77M0D7D 77M0D7D	ATCHEE, WA 98802 tion Number (FRN): 0014511364 nt Date Effective Date 3-2017 08-03-2017 LOCATI n Address or Area of Operation: DGE E County: CHELAN State: WA Location Name Latitude Long STORMY LODGE, WA 47-49-10.0 N 120-7 SKI -BADGER, WA 47-34-39.9 N 120-7 SKI -BADGER, W	ATCHEE, WA 98802 tion Number (FRN): 0014511364 tion Number (FRN): 0014511364 tion Number (FRN): 0014511364 table Effective Date 08-03-2017 LOCATION Address or Area of Operation: DGE E County: CHELAN State: WA Location Name Latitude Longitude STORMY LODGE, WA 47-49-10.0 N 120-25-18.1 SKI -BADGER, WA 47-49-10.0 N 120-25-18.1 SKI -BADGER, WA 47-34-39.9 N 120-11-47.8 FREQUENCY PATH Tol Emission EIRP Constr Path Seg Emit (%) Desig (dBm) Date No Eimit Loc No 0.00001 77M0D7D 65.000 02-03-2019 001 1 001 77M0D7D	ATCHEE, WA 98802 tion Number (FRN): 0014511364 ATCHEE, WA 98802 tion Number (FRN): 0014511364 At Date Effective Date 08-03-2017 08-03-20 LOCATION Address or Area of Operation: DGE E County: CHELAN State: WA Location Name Latitude Longitude STORMY LODGE, WA 47-49-10.0 N 120-25-18.1 W SKI -BADGER, WA 47-34-39.9 N 120-11-47.8 W FREQUENCY PATHS Tol Emission EIRP Constr Path Seg Emit Ant Hgt (%) Desig (dBm) Date No Loc (m) No 0.00001 77M0D7D 65.000 02-03-2019 001 1 001 11.6 77M0D7D 77M0D7D 77M0D7D 77M0D7D 77M0D7D 77M0D7D 77M0D7D 77M0D7D 77M0D7D	R 5, INC. 'ROAD ATCHEE, WA 98802 MG - Micro SMS. tion Number (FRN): 0014511364 th Date 3-2017 08-03-2017 LOCATION n Address or Area of Operation: DGE E County: CHELAN State: WA Location Name Latitude Latitude Latitude Longitude Elevation STORMY LODGE, WA 47-49-10.0 N 120-25-18.1 W 481.6 SKI-BADGER, WA 47-34-39.9 N 120-11-47.8 W 1285.0 FREQUENCY PATHS Tol Emission (dBm) Date No Loc (m) (dB) Date No Loc (m) (dB) No Reflector Ht(m)xWd(m) 0.00001 77M0D7D	R 5, INC. File 'ROAD ATCHEE, WA 98802 Rad MG - Microwave SMSA tion Number (FRN): 0014511364 SMSA tion Number (FRN): 0014511364 SMSA tion Number (FRN): 0014511364 SMSA tot Date O8-03-2017 08-03-2017 08-03-2027 LOCATION Address or Area of Operation: DGE County: CHELAN State: WA State: WA LocATION Address or Area of Operation: DGE County: CHELAN State: WA Latitude Longitude Elevation STORMY LODGE, WA 47-49-10.0 N 120-25-18.1 W 481.6 STORMY LODGE, WA 47-34-39.9 N 120-11-47.8 W 1285.0 FREQUENCY PATHS Tol Emission EIRP Constr Path Seg Emit Ant Hgt Gain Beam POL (%) Desig (dBm) Date No Loc (m) (dBi) (deg) Reflector Ht(m)xWd(m) 0.00001 77M0D7D 65.000 02-03-2019 001 1 001 11.6 41.0 1.5 V Y 77M0D7D 77M0D7D 77M0D7D 77M0D7D Y Y Tol E	R 5, INC. File Number 'ROAD ATCHEE, WA 98802 ATCHEE, WA 98802 Radio Serv MG - Microwave Industr SMSA tion Number (FRN): 0014511364 SMSA nt Date Effective Date Expiration Date Pri 3-2017 08-03-2017 08-03-2027 08-03-2027 LOCATION Address or Area of Operation: DGE County: CHELAN State: WA LocATION Anter Regis STORMY LODGE, WA 47-49-10.0 N 120-25-18.1 W 481.6 SKI -BADGER, WA 47-34-39.9 N 120-11-47.8 W 1285.0 FREQUENCY PATHS Tol Emission EIRP Constr Path Seg Emit Ant Hgt Gain Beam POL AZIM (deg) No (%) Desig (dBm) Date No Loc (m) (dBi) (deg) (deg) (deg) No 0.00001 77M0D7D 65.000 02-03-2019 001 1 001 11.6 41.0 1.5 V 147.8 77M0D7D 77M0D7D 77M0D7D 77M0D7D 77M0D7D 77M0D7D 77M0D7D 77M0D7D 77M0D7D 77M0D7D 77M0D7D 77M0D7D <t< td=""><td>File Number 0007695224 Radio Service MG - Microwave Industrial/Bu SMSA Stati Industrial/Bu LOCATION LOCATION Antenna Si SMSA Stati Industrial/Bu LOCATION LOCATION Antenna Si Address or Area of Operation: DGE County: CHELAN State: WA LocATION Antenna Si Registratio STORMY LODGE, WA 47-49-10.0 N 120-25-18.1 W 481.6 STORMY LODGE, WA 47-49-10.0 N 120-211-47.8 W 1285.0 FREQUENCY PATHS</td></t<>	File Number 0007695224 Radio Service MG - Microwave Industrial/Bu SMSA Stati Industrial/Bu LOCATION LOCATION Antenna Si SMSA Stati Industrial/Bu LOCATION LOCATION Antenna Si Address or Area of Operation: DGE County: CHELAN State: WA LocATION Antenna Si Registratio STORMY LODGE, WA 47-49-10.0 N 120-25-18.1 W 481.6 STORMY LODGE, WA 47-49-10.0 N 120-211-47.8 W 1285.0 FREQUENCY PATHS

1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of

the Communications Act of 1934, as amended. See 47 U.S.C. §606.

Call Sign: W(QZU256	i	Fil	e Number:	0007	6952	24		P	rint Dat	t e: 08-	-04-201	7	
Frequency (MHz)	Tol (%)	Emission Desig	EIRP (dBm)	Constr Date	Path No	Seg	Emit Loc No	Ant Hgt (m)	(dBi) Ref	Beam (deg) lector xWd(m)	POL	AZIM (deg)	Rec Loc No	
		77M0D7D)				
F	rial Car	77M0D7D												
Frequency Spec The frequency to	olerance	listed elsewhere on	this auth	norization is s	uperse	eded b	y this c	ondition:	Authori	zed freque	ency to	lerance i	s 0.00	00015 %.
Waivers/Cond	litiona													
NONE														
					Ο,									
								4						
												<u>,</u>		

COMMU SUPERATION COMMISSION LICENSE	HCFTONS SS	Fede	W	Comm ireless Te ADIO STA	leco	mmu	inicati	ions Bur	eau	issio	on			
												Call Sign		
COMPUT	OHN SEAL TER 5, INC NT ROAL	2.		2							Fil	QZW48 e Numb 776515	er	
		EE, WA 98802							MG	i - Micr		lio Serv Industr		siness Pool
FCC Regist	ration Nu	mber (FRN): 0	0145113	64						SMS	SA			on Class FXO
	rant Date 3-21-2017			tive Date 21-2017			E	xpiration 08-21-20					nt Da 22-20	
					LOC	CATI	ON							
Fixed Locat AT THE EN City: QUIN Loc No. 001 002	ID OF Ns- CY (Locatio MOUN	ess or Area of C NW County: GRAN On Name MENT HILL OFF RIDGE	Г S Lat 47-1	tate: WA itude 19-13.1 N 19-10.0 N		119-4 120-1	gitude 48-04.7 14-21.2	3 W	Elev 870.4 1134					tructure on No.
Frequency	Tol	Emission	FIDD	FRE Constr	-		PATH	HS Ant Hgt	Cain	Doom	DOI	AZIM	Dog	Dog
(MHz)	101 (%)	Desig	(dBm)		No	beg	Lint Loc No	(m)	(dBi) Refl			(deg)		Call Sign
11565.0 Frequency Sp The frequency	pecial Cond	5 77M0D7D l ition: isted elsewhere or		02-21-2019 orization is s			001 by this c	9.1 condition: 2	41.0 Authoriz	1.5 zed frequ	V iency to	270.0	002 is 0.00	00015
percent. 11075.0	0.0001	5 77M0D7D 77M0D7D 77M0D7D	65.000	02-21-2019	001	1	001	9.1	41.0	1.5	v	270.0	002	

frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

Call Sign: W(QZW484	1	Fil	e Number:	0007	7651	.53		P	rint Dat	te: 08-	-22-201	7	
Frequency (MHz)	Tol (%)	Emission Desig	EIRP (dBm)	Constr Date	Path No	Seg	Emit Loc No	Ant Hgt (m)	(dBi) Refl		POL	AZIM (deg)		Rec Call Sign
		77M0D7D												
Frequency Spe The frequency to percent.		dition: listed elsewhere	on this auth	orization is s	uperse	eded b	y this c	ondition:	Authoriz	zed frequ	ency to	lerance i	s 0.00	00015
11075.0	0.0001	5 77M0D7D 77M0D7D 77M0D7D 77M0D7D 77M0D7D	65.000	02-21-2019	001	1	001	9.1	41.0	1.5	v	270.0	002	
Frequency Spe														
The frequency to percent.	olerance	listed elsewhere	on this auth	orization is s	uperse	eded b	y this c	ondition:	Authoriz	zed frequ	ency to	lerance i	s 0.00	00015
11075.0	0.0001	5 77M0D7D	65.000	02-21-2019	001	1	001	9.1	41.0	1.5	v	270.0	002	
Frequency Spectra The frequency to percent.		dition: listed elsewhere					y this c	ondition:	Authoriz	zed frequ	ency to	lerance i	s 0.00	00015
11565.0	0.0001	5 77M0D7D 77M0D7D 77M0D7D 77M0D7D 77M0D7D	65.000	02-21-2019	001	1	001	9.1	41.0	1.5	v	270.0	002	
Frequency Spe														
The frequency to percent.	olerance	listed elsewhere	on this auth	orization is s	uperse	eded b	y this c	ondition:	Authoriz	zed frequ	ency to	lerance i	ls 0.00	00015
11565.0	0.0001	5 77M0D7D 77M0D7D 77M0D7D 77M0D7D 77M0D7D	65.000	02-21-2019	001	1	001	9.1	41.0	1.5	V	270.0	002	
Frequency Spe														
The frequency to percent.	olerance	listed elsewhere	on this auth	orization is s	uperse	eded b	y this c	ondition:	Authori	zed frequ	ency to	lerance i	ls 0.00	00015
11565.0	0.0001	5 77M0D7D	65.000	02-21-2019	002	1	001	9.1	41.0	1.5	Н	270.0	002	
Frequency Spe														
	olerance	listed elsewhere	on this auth	orization is s	uperse	eded b	y this c	ondition:	Authoriz	zed frequ	ency to	lerance i	s 0.00	00015
percent. 11075.0	0.0001	5 77M0D7D	65.000	02-21-2019	002	1	001	9.1	41.0	1.5	н	270.0	002	
Frequency Spe														
	olerance	listed elsewhere	on this auth	orization is s	uperse	eded b	y this c	ondition:	Authoriz	zed frequ	ency to	lerance i	s 0.00	00015
percent. 11565.0	0.0001	5 77M0D7D	65 000	02-21-2019	002	1	001	9.1	41.0	1.5	Н	270.0	002	
11505.0	0.0001	77M0D7D	05.000	52 21-2017	002	1	001	2.1	- 1 .U	1.0		270.0	002	
		77M0D7D												
		77M0D7D												

Call Sign: W(QZW484	4	Fil	e Number:	0007	7651	53		I	Print Da	te: 08-	-22-201	7	
Frequency (MHz)	Tol (%)	Emission Desig	EIRP (dBm)	Constr Date	Path No	Seg	Emit Loc No	Ant Hgt (m)	(dBi) Ref	Beam (deg) lector xWd(m)	POL	AZIM (deg)	Rec Loc No	Rec Call Sign
Frequency Spe	cial Con	dition:												
The frequency to percent.	olerance	listed elsewhere	on this auth	orization is s	superse	eded b	by this c	condition:	Authori	zed frequ	ency to	olerance	is 0.00	00015
11565.0	0.0003	15 77M0D7D 77M0D7D 77M0D7D 77M0D7D 77M0D7D	65.000	02-21-2019	002	1	001	9.1	41.0	1.5	Н	270.0	002	
Frequency Spe The frequency to percent.			on this auth	orization is s	superse	eded b	oy this c	condition:	Authori	zed frequ	ency to	lerance	is 0.00	000015
11075.0	0.0001	15 77M0D7D	65.000	02-21-2019	002	1	001	9.1	41.0	1.5	Н	270.0	002	
		77M0D7D												
		77M0D7D												
		77M0D7D												
Frequency Spe The frequency to percent.		dition: listed elsewhere	on this auth	orization is s	superse	eded t	y this c	condition:	Authori	zed frequ	ency to	lerance	is 0.00	00015
11075.0	0.0001	15 77M0D7D	65.000	02-21-2019	002	1	001	9.1	41.0	1.5	Н	270.0	002	
		77M0D7D												
		77M0D7D												
		77M0D7D												
Frequency Spe The frequency to percent.		dition: listed elsewhere	on this auth	orization is s	superse	eded b	by this c	condition:	Authori	zed frequ	ency to	lerance	is 0.00	000015

Waivers/Conditions:

NONE



COMMUN VI VI VI VI VI VI VI VI VI VI VI VI VI	E: COMF	Fede	eral Comm Wireless Tel RADIO STA	ecor	nmu	nicati	ons Bui	reau		all Sigr		
ATTN: JO COMPUT 343 GRAN EAST WE	ER 5, IN NT ROAI	С						MG - Micro	Wo File 000 Rad	QZZ444 e Numb 769541 lio Serv	er 8 ice	siness Pool
FCC Registr	estion Nr	mber (FRN): 00	14511364					SMS	4			on Class FXO
Gr	ant Date -14-2017	· · ·	Effective Date 09-14-2017			E	xpiratio 09-14-2				nt Da 15-20	
				LOC	ATI	ON						
Fixed Locati NOC City: NOC		ess or Area of Oj nty: CHELAN	state: WA									
Loc No. 001 002	NOC,	on Name WA AR RIDGE, WA	Latitude 47-25-16.4 N 47-27-52.8 N		120-1	gitude 18-40.7 17-16.5		Elevation 214.0 409.0		Anteı Regis		tructure on No.
				-		PATH			DOL		<u> </u>	D
Frequency (MHz)	Tol (%)	Emission Desig	EIRP Constr (dBm) Date	Path No	Seg	Emit Loc No	Ant Hgt (m)	t Gain Beam (dBi) (deg) Reflector Ht(m)xWd(m)	POL	AZIM (deg)		Rec Call Sign
11405.0	0.0020	0 79M3D7D 79M3D7D 79M3D7D 79M3D7D 79M3D7D 79M3D7D	52.300 03-14-2019	001	1	001	10.7	34.3 3.4	v	20.1	002	

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

Call Sign: WQZZ444

File Number: 0007695418

Print Date: 09-15-2017

Waivers/Conditions:

NONE

	ER 5, IN	iter 5, Inc. J SEABECH C.	5			n Al	UTHO	RIZATI			W] File	Call Sign RAB409 P Numb	er	
343 GRAN EAST WE		EE, WA 988	302						мо	G - Micro SMS	Rac owave	784752 lio Serv Industri	ice ial/Bu Stati	isiness Pool on Class FXO
FCC Registr					2									
	ant Date 29-2017			tive Date 29-2017			E	xpiration 09-29-2					nt Da 30-20	
					LOC	CATI	ON							
Fixed Location 152 Glover St City: Twisp Loc No. 001 002	t Cou Locati	inty: OKAN on Name Downtown	NOGAN Lat 48-2	n: State: WA itude 21-53.1 N 9-05.6 N		120-	gitude 07-18.2 06-50.8		Elev 490. 1392					tructure on No.
				FRE	QUE	NCY	PATH	IS						
Frequency (MHz)	Tol (%)	Emission Desig	EIRP (dBm)	Constr Date	Path No	Seg	Emit Loc No	Ant Hgt (m)	(dBi) Ref	Beam (deg) lector xWd(m)		AZIM (deg)		Rec Call Sign
11265.0	0.0001	3 39M9D7D 39M9D7D	58.300	03-29-2019	001	1	001	6.1	34.3	3.4	v	173.8	002	
11265.0	0.0001	3 39M9D7D	52.300	03-29-2019	001	1	001	6.1	34.3	3.4	V	173.8	002	
11265.0	0.0001	3 39M9D7D	55.300	03-29-2019	001	1	001	6.1	34.3	3.4	V	173.8	002	
11265.0		3 39M9D7D		03-29-2019		1	001	6.1	34.3	3.4	Н	173.8	002	
11265.0		3 39M9D7D		03-29-2019		1	001	6.1	34.3	3.4	Н	173.8	002	
11265.0	0.0001	3 39M9D7D	58.300	03-29-2019	002	1	001	6.1	34.3	3.4	Н	173.8	002	

following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. § 606.

Call Sign: WF	RAB409		Fil	e Number	: 0007	78475	523		P	rint Da	te: 09-	30-201	7	
Frequency (MHz)	Tol (%)	Emission Desig	EIRP (dBm)	Constr Date	Path No	Seg	Emit Loc No	Ant Hgt (m)	(dBi) Refl	Beam (deg) ector xWd(m)	POL	AZIM (deg)	Loc	
		39M9D7D							III(III)	x vv u(iii)				
Waivers/Cone	ditions:													
					2									
								1						

ATTN: M COMPUT 343 GRA	FER 5, INO NT RD.	I SEABECK	RADI	mmuni ss Telecon	nmunio	ations B	ureau FION		(W Fil 000 Rad owave		5 er 2 ice ial/Bu	siness Pool on Class
FCC Regist	ration Nu	mber (FRN)	: 0014511364								I	FXO
G	rant Date 9-29-2017		Effective 09-29-20			Expirati 09-29					nt Da 30-20	
				100	ATION	т						
FIXED LOCA	lion Addr	ess or Area o	f Operation:									
Off of Studh City: Winth Loc No. 001	norse Mtn I rop (Locati	County: OKA on Name rse-Winthrop	-).7 N	Longitu 120-09- 120-06-	36.3 W	Elev 751.3 1392	3		Anter Regis		tructure on No.
Off of Studh City: Winth Loc No. 001	norse Mtn I rop (Location Studho	Rd C ounty: OKA on Name rse-Winthrop	NOGAN Latitud 48-28-10	e).7 N	120-09- 120-06-	36.3 W 50.8 W	751.3	3				
Off of Studh City: Winth Loc No. 001 002 Frequency	norse Mtn I rop (Location Studho	Rd C ounty: OKA on Name rse-Winthrop	NOGAN Latitud 48-28-10	e).7 N 5.6 N FREQUE str Path	120-09- 120-06- NCY PA	36.3 W 50.8 W ATHS mit Ant H oc (m)	751.3 1392 Igt Gain (dBi) Refl	3 .6 Beam	POL		tratio Rec	on No.
Off of Studh City: Winth Loc No. 001 002 Frequency (MHz) 11665.0 11665.0	Tol (%) 0.0001	Rd County: OKA on Name rse-Winthrop re Emission	Latitude 48-28-10 48-19-05 EIRP Con (dBm) Date 56.500 03-2 59.500 03-2	e 0.7 N 5.6 N FREQUE str Path e No 29-2019 002 29-2019 002	120-09- 120-06- NCY PA Seg E	36.3 W 50.8 W ATHS mit Ant H oc (m) 0 9 1 9.1 1 9.1	751.3 1392 (dgt Gain (dBi) Refil Ht(m): 38.5 38.5	Beam (deg) ector xWd(m) 2.1 2.1	POL H H	AZIM (deg) 168.6 168.6	Rec Loc No 002 002	on No. Rec Call
Off of Studh	Tol 0.0001 0.0001 0.0001 0.0001 0.0001 0.0001 0.0001 0.0001 0.0001 0.0001	Rd County: OKA on Name rse-Winthrop re Emission Desig 3 39M9D7D	Latitude 48-28-10 48-19-05 EIRP Con (dBm) Date 56.500 03-2 59.500 03-2 62.500 03-2 68.500 03-2 56.500 03-2	e 0.7 N 5.6 N FREQUE str Path e No	120-09- 120-06- NCY P2 Seg E2 L N 1 00	36.3 W 50.8 W ATHS mit Ant H oc (m) o 9 9 9 9 9 9 1 9.1 9 1 9.1 9 1 9.1 9 1 9.1 9 1 9.1 9 1 9.1 9 1 9.1 9 1 9 1 9 1 9 1 9 1 9 1 9 1 9 1 9 1 9	751.3 1392 igt Gain (dBi) Refi Ht(m): 38.5	Beam (deg) ector xWd(m) 2.1	Н	Regis	Rec Loc No 002	on No. Rec Call

Call Sign: W	/RAB416		Fil	e Number:	000	78475	522		I	Print Da	te: 09	-30-201	7	
Frequency (MHz)	Tol (%)	Emission Desig	EIRP (dBm)	Constr Date	Path No	Seg	Emit Loc No	Ant Hgt (m)	(dBi) Ref	Beam (deg) lector xWd(m)	POL	AZIM (deg)	Rec Loc No	Call
11665.0	0.0001	3 39M9D7D	68.500	03-29-2019	001	1	001	9.1	38.5	2.1	V	168.6	002	
Waivers/Coi	nditions:													
NONE														
		•												
			X											
					2									
								•			7,			

COMMU SUCCESSION COMMISSION	E: COMP	Fe	R	Comm ireless Tel ADIO STA	ecor	nmu	nicati	ions Bı	ureau	issic	on			
												C <mark>all Sig</mark> i RAV434		
ATTN: JC COMPUT 343 GRAN	ER 5, INC	2.									Fil	e Numb 803775	er	
EAST WE	ENATCHE	EE, WA 9880)2	R					M	G - Micro		lio Serv Industr		siness Pool
										SMS	A			on Class FXO
FCC Regist		mber (FRN)		64 tive Date	•		F	minati	on Data			Du	nt Do	t o
	ant Date -14-2018			14-2018			E	xpirati 03-14-					nt Da 15-20	
					LOC	CATI	ON							
Fixed Locati 492 Ruud Ca City: East W	nyon Rd		of Operation		te: W	ΛA								
Loc No. 001 002	RUND	on Name CANYON RVILLE DUT	47-3	itude 35-05.0 N 1-20.7 N		120-0	gitude)8-25.2)9-55.1		Ele 1264 944.			Antei Regis		tructure on No.
				FRE	QUE	NCY	PATH	IS						
Frequency (MHz)	Tol (%)	Emission Desig	EIRP (dBm)	Constr Date	Path No	Seg	Emit Loc No	Ant Ha (m)	(dBi) Ref			AZIM (deg)		Rec Call Sign
11565.0	0.00013	3 79M6D7D	56.500	09-14-2019	001	1	001	12.2	38.5	2.1	v	350.9	002	
11565.0		3 79M6D7D		09-14-2019		1	001	12.2	38.5	2.1	V	350.9	002	
11565.0		3 79M6D7D		09-14-2019		1	001	12.2	38.5	2.1	V	350.9	002	
11565.0		3 79M6D7D		09-14-2019		1	001	12.2	38.5	2.1 2.1	V	350.9 350.9	002	
11565.0 11565.0		3 79M6D7D 3 79M6D7D		09-14-2019 09-14-2019		1 1	001 001	12.2 12.2	38.5 38.5	2.1 2.1	H H	350.9 350.9	002 002	
following frequenci	to §309(h) condition es designa	of the Com s: This licent ted in the licent	nse shall not	vest in the l l the term th	licens lereof	ee ar nor	iy righ in any	t to oper	rate the	station no an autho	or any	right in herein.	the us Neithe	se of the er the

Call Sign: WF	Fil	0008037750			Print Date: 03-15-2018									
Frequency (MHz)	Tol (%)	Emission Desig	EIRP (dBm)	Constr Date	Path No	Seg	Emit Loc No	Ant Hgt (m)	(dBi) Ref		POL	AZIM (deg)	Rec Loc No	Rec Call Sign
11565.0	0.0001	3 79M6D7D	62.500	09-14-2019	002	1	001	12.2	38.5	2.1	Н	350.9	002	
11565.0	0.0001	3 79M6D7D	68.500	09-14-2019	002	1	001	12.2	38.5	2.1	Н	350.9	002	
	0.0001													

Pages 240-243 have been redacted because all of the substantive information contained in pages 240-243 is confidential per WAC 480-07-160.