

Minor Construction Permit Modification Application

The proposed minor construction permit modification application specifies a new site with changes to the technical parameters as is indicated below:

	Licensed	Construction Permit	Proposed
Channel / Class	256 D	257 D	257 D
Geographical Coordinates	61 20 12.5 / 149 30 47	61 20 12.5 / 149 30 47	61 35 10 / 149 29 40
ASRN	N/A	N/A	1037030
Site AMSL	578 m	578 m	143 m
Tower AGL	43 m	43 m	35 m
COR AGL	5 m	5 m	33 m
COR AMSL	583 m	583 m	176 m
HAAT	210 m	210 m	39 m
ERP	0.07 kW (H, DA)	0.01 kW (H&V, non-DA)	0.115 kW (H&V, non-DA)

The below listed pages of this exhibit contains information as indicated.

Page 2 Tabulation of HAAT / ERP / Distance to 60 dBu contour
Page 3 60 dBu Contour Map
Page 4 - 5 Allocation Study

Tabulation of HAAT / ERP / Distance to 60 dBu contour

CH 257 61 35 10 / 149 29 40 0.115 kW ERP (non-DA) 176 m COR AMSL 39 m HAAT

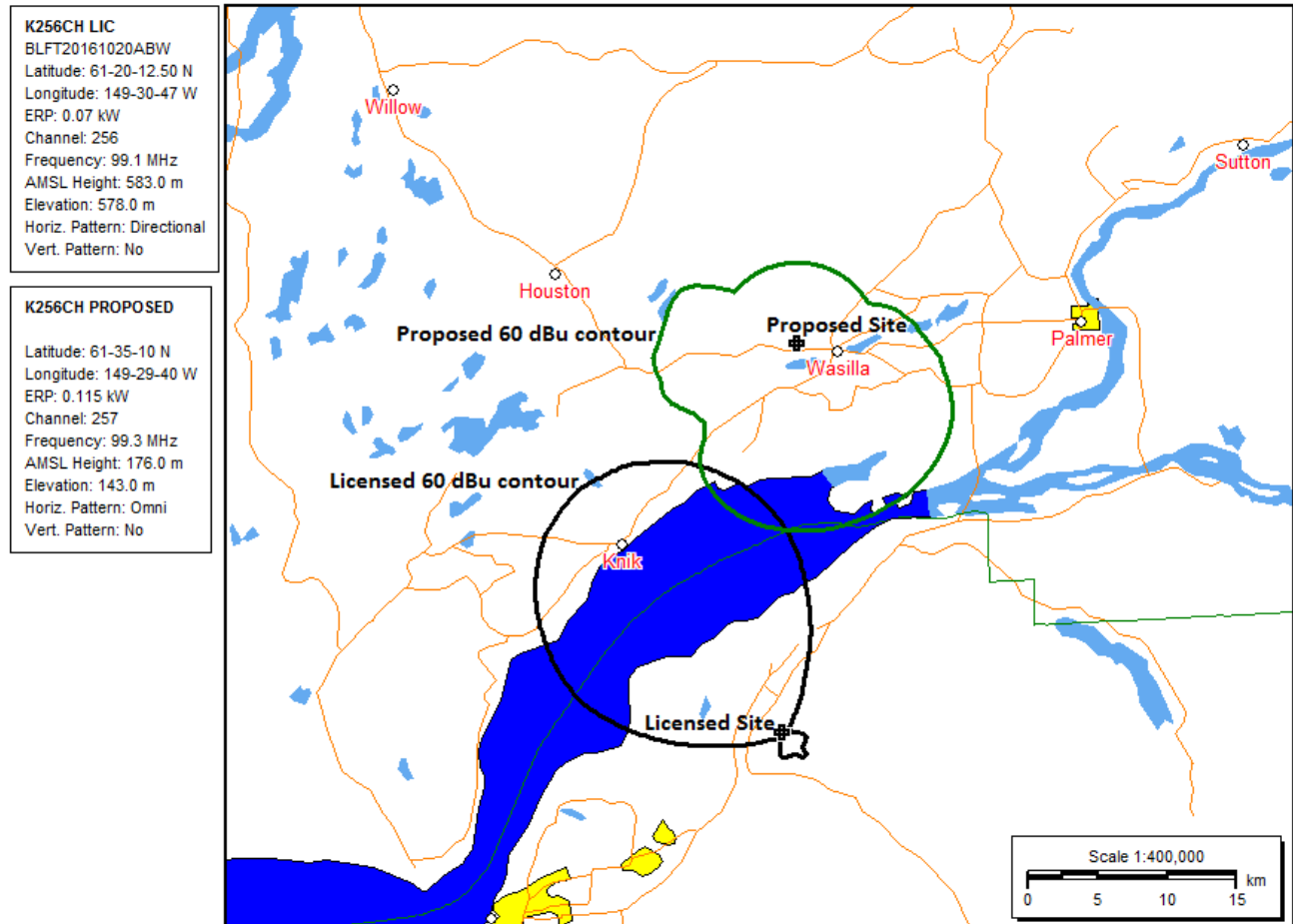
Azi.	AV EL	HAAT	ERP kW	dBk	Field	60-F5
000	457.3	-281.3	0.1150	-9.39	1.000	5.84
010	462.3	-286.3	0.1150	-9.39	1.000	5.84
020	355.4	-179.4	0.1150	-9.39	1.000	5.84
030	224.3	-48.3	0.1150	-9.39	1.000	5.84
040	178.6	-2.6	0.1150	-9.39	1.000	5.84
050	171.0	5.0	0.1150	-9.39	1.000	5.84
060	150.0	26.0	0.1150	-9.39	1.000	5.84
070	127.7	48.3	0.1150	-9.39	1.000	7.37
080	112.6	63.4	0.1150	-9.39	1.000	8.54
090	97.4	78.6	0.1150	-9.39	1.000	9.50
100	78.0	98.0	0.1150	-9.39	1.000	10.57
110	54.1	121.9	0.1150	-9.39	1.000	11.70
120	36.9	139.1	0.1150	-9.39	1.000	12.49
130	27.6	148.4	0.1150	-9.39	1.000	12.93
140	22.5	153.5	0.1150	-9.39	1.000	13.17
150	22.1	153.9	0.1150	-9.39	1.000	13.19
160	21.3	154.7	0.1150	-9.39	1.000	13.23
170	18.7	157.3	0.1150	-9.39	1.000	13.35
180	20.7	155.3	0.1150	-9.39	1.000	13.26
190	23.1	152.9	0.1150	-9.39	1.000	13.14
200	30.9	145.1	0.1150	-9.39	1.000	12.77
210	44.9	131.1	0.1150	-9.39	1.000	12.12
220	71.7	104.3	0.1150	-9.39	1.000	10.88
230	111.1	64.9	0.1150	-9.39	1.000	8.64
240	101.6	74.4	0.1150	-9.39	1.000	9.24
250	84.7	91.3	0.1150	-9.39	1.000	10.22
260	83.4	92.6	0.1150	-9.39	1.000	10.28
270	89.8	86.2	0.1150	-9.39	1.000	9.94
280	96.1	79.9	0.1150	-9.39	1.000	9.58
290	99.1	76.9	0.1150	-9.39	1.000	9.40
300	114.8	61.2	0.1150	-9.39	1.000	8.39
310	149.1	26.9	0.1150	-9.39	1.000	5.84
320	201.2	-25.2	0.1150	-9.39	1.000	5.84
330	287.8	-111.8	0.1150	-9.39	1.000	5.84
340	378.9	-202.9	0.1150	-9.39	1.000	5.84
350	441.8	-265.8	0.1150	-9.39	1.000	5.84

NGDC 30 second terrain database

(yellow highlighted values establish average HAAT)

60 dBu Contour Coverage Map

This minor construction permit modification specifies a change to a new site. The proposed 60 dBu contour will continue to have overlap with the licensed 60 dBu contour.



Allocation Study

CH 257 61 35 10 / 149 29 40 0.115 kW ERP (non-DA) 176 m COR AMSL 39 m HAAT

CH CITY	CALL	TYPE ST	AZI. <--	DIST FILE #	LAT. LNG.	Pwr(kW) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
------------	------	------------	-------------	----------------	--------------	--------------------	-------------------	---------------------	-------------------------	-------

Reference station:

256D	K256CH	LIC	182.1	27.73	61 20 12.5	0.070	28.7	14.0		
Wasilla		AK	2.0	BLFT20161020ABW	149 30 47.0		583	Educational Media Foundation		
257D	K256CH	CP	182.1	27.73	61 20 12.5	0.010	48.5	13.1		
Wasilla		AK	2.0	BPFT20161130AEN	149 30 47.0		583	Educational Media Foundation		

1st, 2nd, & 3rd adjacent channel relationships:

255C1	KYMG	LIC	200.9	49.92	61 09 58.0	100.000	5.0	46.0	32.0	3.2
Anchorage		AK	20.6	BLH20021219ABL	149 49 34.0	-46	132	Capstar Tx, Llc		
259C1	KMBQ-FM	LIC	25.1	6.88	61 38 32.0	51.000	5.6	49.5	-4.9	-43.4
Wasilla		AK	205.1	BLH20090910AAJ	149 26 21.0	-48	227	Omg Fcc Licenses Llc		
259D	KANC	CP	197.9	57.17	61 05 47.0	0.003	0.1	2.3	44.1	53.6
Anchorage		AK	17.6	BNPED20151119CIJ	149 49 19.0	-121	102	Adventist Radio Alaska Cor		
260D	K260CY	LIC	185.2	74.50	60 55 07.4	0.250	1.1	7.1	60.2	66.7
Hope		AK	5.1	BLFT20170113AAC	149 37 11.2		53	Alaska Educational Radio S		

I.F. relationships:

203C3	KAKL	LIC	202.6	55.99	61 07 14.0	11.000	0.0	0.0	11.5R	44.5M
Anchorage		AK	22.2	BMLD20141117AJJ	149 53 42.0	-25	94	Educational Media Foundation		
204A	KJHA	LIC	288.9	20.64	61 38 44.6	0.430	0.0	0.0	9.5R	11.1M
Houston		AK	108.6	BLED20121025AAM	149 51 51.6	17	139	Evangelistic Alaska Missio		

Terrain database is NGDC 30 SEC

Contour distances are on direct line to and from reference station.

Allocation Study

K256CH as proposed on channel 257 will be located within the 60 dBu protected contour of second adjacent KMBQ-FM (LIC), channel 259 C1, Wasilla, AK. KMBQ-FM is located 6.89 km from the K256CH proposed site. The signal strength of KMBQ-FM at K256CH's proposed site is 96.3 dBu. The corresponding interference contour is 136.3 dBu which extends out 11.5 meters. K256CH's proposed antenna COR AGL height is 33 meters, thus the interference contour will not reach the ground by a margin of 21.5 meters. Furthermore, as is demonstrated on the below map, there are no populated structures within the interference contour that are taller than the 21.5 meter margin. Therefore, based on the showing of no population within the area of predicted interference a waiver of Section 74.1204(d) is respectfully requested.

