

**September 2007
KHSU-FM Channel 213C1
Arcata, CA
Allocation Study**

Contingent Application Group

The instant application is being filed as a part of a two-application contingent group comprised of applications for KHSU-FM and New FM (Ferndale 211C3). Both applications are being filed by Humboldt State University ("HSU"). By these applications, HSU proposes:

- 1) KHSU-FM Channel 213C1 Arcata modifies its licensed facility to add a directional antenna, with no change in transmitter site location, antenna height, or ERP;
- 2) A new FM station on Channel 211C3 is established at a transmitter site on Bunker Hill, to provide service to Ferndale.

Request for Waiver of the Contingent Application Rule

Owing to the FCC freeze on the filing of FM non-commercial minor change applications running September 8 through October 19, 2007,¹ it is not possible to file the Ferndale 211C3 and KHSU-FM applications on the same day. Therefore, HSU intends to file the KHSU-FM application on the first business day following the end of the filing freeze, or as soon as possible thereafter.

Given that the freeze prevents the filing of the two applications on the same day, and given that the KHSU-FM application will be filed as soon as possible following the end of the freeze, it is

¹ See Public Notice "Media Bureau Announces NCE FM New Station and Major Change Filing Procedures for October 12 - October 19, 2007 Window; Limited Application Filing Freeze to Commence on September 8, 2007", DA 07-3571, Released August 9, 2007.

believed that good cause exists to waive the requirement of §73.3517(e) that “All applications must be filed on the same date.”

It is noted that the Ferndale 211C3 application is classified as a major application, whereas the contingent application rule §73.3517(e) is limited to minor modification applications. However, good cause exists to waive this restriction because the grant of the Ferndale application will bring a first local non-commercial service to Ferndale, a city with a 2000 Census population of 1,382 persons. Absent this waiver and absent the accommodation by KHSU-FM, it would not be possible to establish this Ferndale service, given the frequency congestion in the non-commercial band in this area. It is further believed that the Commission has waived this restriction previously, in order to allow winning bidders for commercial FM channels to participate in contingent application groups with their initial applications. Such commercial applicants are similarly situated to HSU in this instant situation.

HSU therefore respectfully requests waiver of the contingent application rule §73.3517(e) to the extent required.

KHSU-FM Channel 213C1 Allocation Study

The attached spacing study shows the co-channel and adjacent channel spacing between stations and demonstrates that the proposed operation meets the IF channel spacing requirements as prescribed in §73.207 of the Commission's Rules.

The only modification of KHSU-FM contemplated by the instant application is the addition of a directional antenna. The transmitter site location, antenna height, and ERP will remain the same

as licensed. The attached allocation study exhibit demonstrates requisite contour protection for the following domestic station:

Second-adjacent: New FM 211C3 Ferndale (application)

The allocation situation with respect to all other existing applications and authorizations remains the same as for the licensed KHSU-FM facility.

TV Channel 6

Section 73.525 of the Commission's Rules specifies a threshold distance of 193 kilometers for FM stations operating on Channel 213. The only TV Channel 6 station located within this threshold distance is KVIQ-TV Eureka. The only modification of KHSU-FM contemplated by the instant application is the addition of a directional antenna. The transmitter site location, antenna height, and ERP will remain the same as licensed. Therefore, no further analysis is believed necessary to satisfy the requirements of §73.525(c) with respect to KVIQ-TV.

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SEARCH PARAMETERS FM Database Date: 070917 Page 1

Channel: 213C1 90.5 MHz

Latitude: 40 43 37

Longitude: 123 58 22

Safety Zone: 50 km

Job Title: KHSU-FM 213C1 ARCATA

Call Status	City St	FCC File No.	Channel Freq.	ERP(kW) HAAT(m)	Latitude Longitude	Bearing deg-True	Dist (km)	Req (km)
K210DQ LIC	LAYTONVILLE CA	BLFT-041101ABY	210D 89.9	0.010 874.0	DA 39-41-41 123-34-36	163.5	119.47 0.00	0 TRANS
K211DJ LIC	ARCATA CA	BLFT-980617TK	211D 90.1	0.010 738.0	40-43-36 123-58-27	255.2	0.12 0.00	0 TRANS
K212FD LIC	AZALEA CA	BLFT-000509AAY	212D 90.3	0.013 719.0	DA 41-17-30 122-14-21	66.1	158.75 0.00	0 TRANS
K212DF CP	BEND CA	BPFT-041207ACU	212D 90.3	0.010 400.0	40-15-31 122-05-24	107.5	167.88 0.00	0 TRANS
K212DF LIC	BEND CA	BLFT-000103ABW	212D 90.3	0.010 396.0	DA 40-15-31 122-05-24	107.5	167.88 0.00	0 TRANS
NEW-T APP	HAWKINSVILLE CA	BNPFT-000418AAG	212D 90.3	0.010 997.0	DA 41-44-05 122-46-31	41.4	150.36 0.00	0 TRANS
NEW-T APP	HAYFORK CA	BNPFT-000412AAU	212D 90.3	0.010 564.0	40-29-34 123-11-52	111.5	70.56 0.00	0 TRANS
KLAI LIC	LAYTONVILLE CA	BLED-060523ADU	212B 90.3	0.500 741.0	39-41-38 123-34-43	163.6	119.51 -75.49	195 SHORT
KHSU-FM LIC	ARCATA CA	BLED-021001ACM	213C1 90.5	8.500 459.0	40-43-37 123-58-22	0.0	0.00 -245.00	245 SHORT
KIBC LIC	BURNEY CA	BLED-980206KA	213C2 90.5	3.000 444.0	40-52-29 121-46-13	84.2	186.59 -37.41	224 SHORT
K214DM CP	DURHAM/CHICO CA	BPFT-050907ABF	213D 90.5	0.008 241.0	DA 39-45-18 121-44-13	118.9	218.74 0.00	0 TRANS
980319MM APP	HORN BROOK CA	BPED-980319MM	213A 90.5	0.200 -305.0	41-54-18 122-33-27	41.6	176.53 -23.47	200 SHORT
980319MN APP	HORN BROOK CA	BPED-980319MN	213A 90.5	0.200 -305.0	41-54-18 122-33-27	41.6	176.53 -23.47	200 SHORT
K213BZ LIC	RICHVALE CA	BLFT-960930TH	213D 90.5	0.010 618.0	DA 39-12-21 121-49-11	132.0	249.73 0.00	0 TRANS

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SEARCH PARAMETERS FM Database Date: 070917

Channel: 213C1 90.5 MHz Page 2

Latitude: 40 43 37

Longitude: 123 58 22

Safety Zone: 50 km

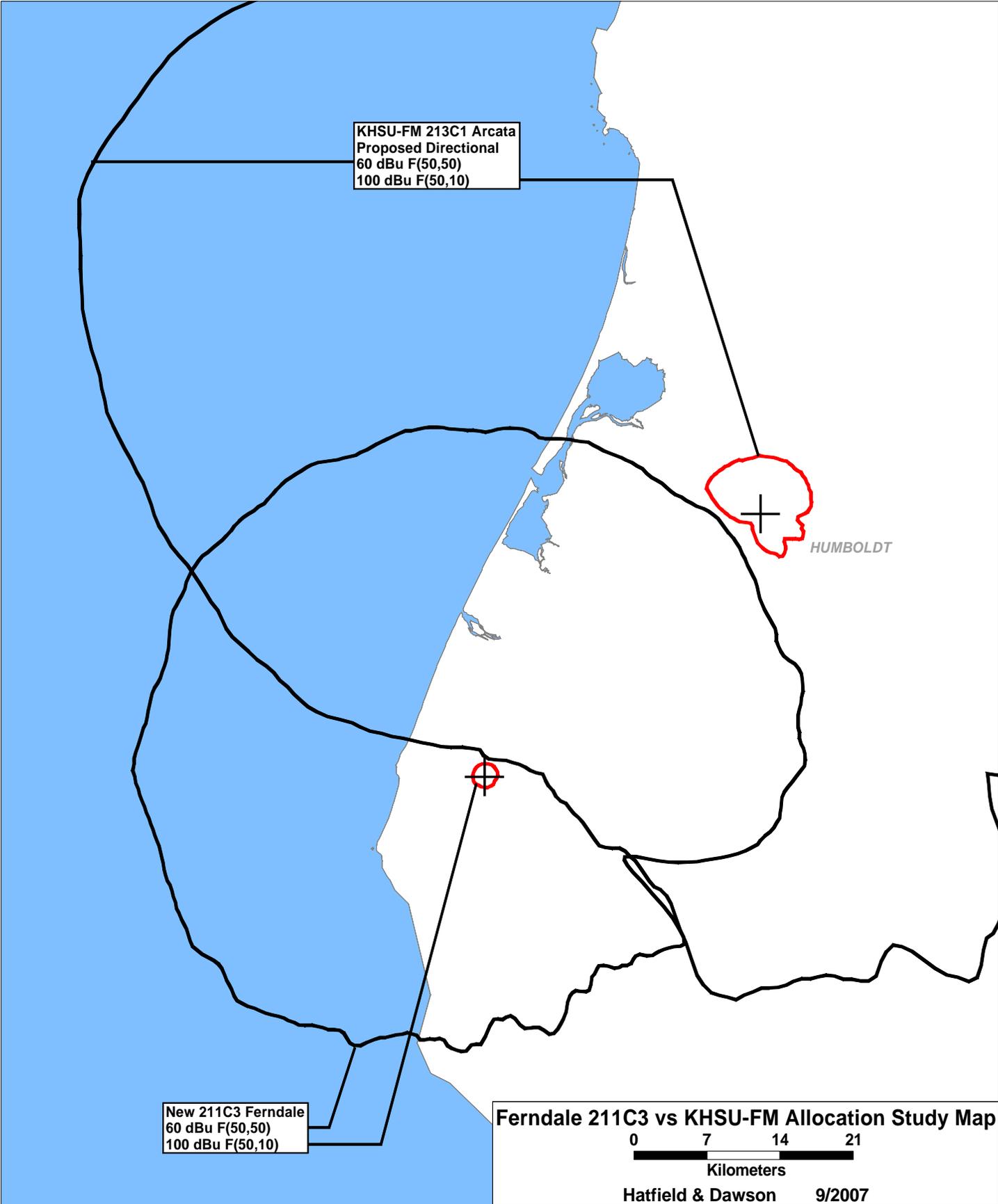
Job Title: KHSU-FM 213C1 ARCATA

Call Status	City St	FCC File No.	Channel Freq.	ERP(kW) HAAT(m)	Latitude Longitude	Bearing deg-True	Dist (km)	Req (km)
K213CY LIC	YANKEE HILL CA	BLFT-000103ABU	213D 90.5	0.010 716.0	DA 39-39-04 121-27-43	118.5	244.93 0.00	0 TRANS
K213CY CP MOD	YANKEE HILL CA	BMPFT-060327AJI	213D 90.5	0.008 716.0	DA 39-39-04 121-27-43	118.5	244.93 0.00	0 TRANS
NEW-T APP	CAVE JUNCTION OR	BPFT-990727TD	213D 90.5	0.010 817.0	DA 42-15-29 123-39-39	8.6	172.03 0.00	0 TRANS
NEW-T APP	CAVE JUNCTION OR	BNPFT-000303AAX	213D 90.5	0.045 -20.0	DA 42-09-30 123-37-58	10.0	161.49 0.00	0 TRANS
980319MO APP	MOEMIGRANT VALLEY OR	BPED-980319MO	213A 90.5	0.115 665.0	DA 42-03-55 122-29-00	39.4	193.93 -6.07	200 SHORT
980318MJ APP	MJEMIGRANT VALLEY OR	BPED-980318MJ	213A 90.5	0.115 665.0	DA 42-03-55 122-29-00	39.4	193.93 -6.07	200 SHORT
K213CF LIC	GRANTS PASS OR	BLFT-040903ABM	213D 90.5	0.010 955.0	42-41-49 123-13-39	15.5	227.42 0.00	0 TRANS
K213AI LIC	KLAMATH FALLS OR	BLFT-851101TD	213D 90.5	0.015 119.0	DA 42-14-17 121-46-00	46.8	249.23 0.00	0 TRANS
K213ED LIC	LANGLOIS OR	BLFT-061212AAX	213D 90.5	0.010 568.0	DA 42-57-32 124-16-23	354.4	249.15 0.00	0 TRANS
K213BU LIC	PORT ORFORD OR	BLFT-830609MH	213D 90.5	0.077 104.0	DA 42-44-30 124-30-30	349.0	228.16 0.00	0 TRANS
KZYY LIC	PHILO CA	BLED-891024KD	214B 90.7	3.400 514.0	39-01-22 123-31-17	168.4	193.11 -1.89	195 SHORT
KTHM CP	RED BLUFF CA	BPED-950714MF	214A 90.7	2.500 100.0	40-12-31 122-07-27	109.6	167.01 34.01	133 CLEAR
K214BS LIC	YREKA CA	BLFT-950607TE	214D 90.7	0.010 957.0	DA 41-36-30 122-37-31	48.6	149.57 0.00	0 TRANS
KMWR LIC	BROOKINGS OR	BLED-021104AED	214A 90.7	0.100 376.0	42-07-23 124-17-56	350.2	157.43 24.43	133 CLEAR

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SEARCH PARAMETERS                               FM Database Date: 070917
Channel: 213C1   90.5 MHz                       Page 3
Latitude: 40 43 37
Longitude: 123 58 22
Safety Zone: 50 km
Job Title: KHSU-FM 213C1 ARCATA
    
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Call Status	City St	FCC File No.	Channel Freq.	ERP(kW) HAAT(m)	Latitude Longitude	Bearing deg-True	Dist (km)	Req (km)
K215BP LIC	CENTRAL VALLEY, ETC. CA	BLFT-930817TA	215D 90.9	0.060 DA 789.0	40-39-14 122-31-12	93.3	123.07 0.00	0 TRANS
K216FE LIC	CRESCENT CITY, ETC. CA	BLFT-030915AGM	216D 91.1	0.162 DA 28.0	41-45-26 124-12-02	350.6	116.00 0.00	0 TRANS
KMUD LIC	GARBERVILLE CA	BLED-001019AAC	216C1 91.1	5.500 DA 793.0	40-07-13 123-41-31	160.5	71.46 -10.54	82 SHORT
950713MB APP	BREDDING CA	BPED-950713MB	216C2 91.1	1.800 DA 455.0	40-39-14 122-31-12	93.3	123.07 44.07	79 CLEAR
950327MA APP	BREDDING CA	BPED-950327MA	216C2 91.1	1.800 DA 447.0	40-39-14 122-31-12	93.3	123.07 44.07	79 CLEAR
44444			BEGINNING SEARCH OF SECONDARY DATABASE			44444		
NEW APP	FERNDAL CA	AMSL-727M	211C3 90.1	0.250 0.0	40-30-04 124-17-05	226.5	36.41 -39.59	76 SHORT
44444			END OF FM SPACING STUDY FOR CHANNEL 213			44444		



KHSU-FM 213C1 Arcata
Proposed Directional
60 dBu F(50,50)
100 dBu F(50,10)

HUMBOLDT

New 211C3 Ferndale
60 dBu F(50,50)
100 dBu F(50,10)

Ferndale 211C3 vs KHSU-FM Allocation Study Map

0 7 14 21
Kilometers

Hatfield & Dawson 9/2007