

**July 2007**  
**New FM – Channel 217C3**  
**Coos Bay, OR**  
**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 to existing stations as prescribed in §73.207 of the Commission's Rules. The attached allocation study exhibits demonstrate requisite contour protection for all domestic stations close enough to require detailed study, with the following exception.

As depicted on the attached allocation study map, the proposed transmitter site is located inside the 60 dBu contour of second-adjacent channel station KJCH 215C2 Coos Bay. However, the same is true of the transmitter site authorized in BPED-19980810MC. Thus there is both existing and proposed overlap of the 100 dBu F(50,10) contour to the KJCH 60 dBu F(50,50) contour. This situation was created by the grant of construction permit BPED-20050603ACC for KJCH, in which the KJCH licensee requested a waiver pursuant to *Educational Information Corporation*, 6 FCC Rcd 2207 (1991). That waiver was granted, and the subsequently-issued KJCH license BLED-20061211ACY bears a condition stating:

*Further modifications to the facilities BPED-19970909MD, FID #88257, Coos Bay, OR, and BPED-19980810MC, FID #91353, Coos Bay, OR, will not be construed as per se modification of KJCH's license (BLED-20061211ACY). (See "Educational Information Corporation" 6 FCC Rcd 2207).*

Therefore it is believed that the instant application satisfies all relevant interference protection criteria with respect to KJCH. A request for waiver of §73.509 of the Commission's Rules is not believed necessary in this situation, but such waiver is nevertheless explicitly requested to the extent required.

**TV Channel 6**

The transmitter site for the proposed Channel 217C3 facility is outside the 174 km threshold distance to TV Channel 6 stations KVIQ Eureka (294 km) and KOIN Portland (266 km). Therefore, no further study regarding protection of these TV Channel 6 stations is required.

Hatfield & Dawson Consulting Engineers

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SEARCH PARAMETERS FM Database Date: 070716

Channel: 217C3 91.3 MHz Page 1

Latitude: 43 22 7

Longitude: 124 12 11

Safety Zone: 32 km

Job Title: COOS BAY 217C3

Call Status	City St	FCC File No.	Channel Freq.	ERP(kW) HAAT(m)	Latitude Longitude	Bearing deg-True	Dist (km)	Req (km)
K214CM LIC	ROSEBURG OR	BLFT-970310TD	214D 90.7	0.023 322.0	43-14-05 123-19-19	101.5	73.03 0.00	0 TRANS
KJCH LIC	COOS BAY OR	BLED-061211ACY	215C2 90.9	3.500 445.8	42-57-32 124-16-23	187.1	45.87 -10.13	56 SHORT
K215AK LIC	REEDSPORT OR	BLFT-901214TA	215D 90.9	0.048 DA 202.0	43-43-21 124-05-40	12.5	40.29 0.00	0 TRANS
KWAX LIC	EUGENE OR	BLED-930308KB	216C1 91.1	21.500 370.0	44-00-04 123-06-45	50.9	112.56 -31.44	144 SHORT
980810MCC CP	COOS BAY OR	BPED-980810MC	217A 91.3	6.000 -12.0	43-21-45 124-11-33	128.5	1.09 -140.91	142 SHORT
K217CW LIC	COOS BAY OR	BLFT-980923TG	217D 91.3	0.062 205.0	43-21-15 124-14-34	243.4	3.60 0.00	0 TRANS
K217BZ LIC	GRANTS PASS, ETC. OR	BLFT-940915TC	217D 91.3	0.040 DA 540.0	42-24-39 123-16-52	144.5	130.36 0.00	0 TRANS
K217AF LIC	LANGLOIS OR	BLFT-840921OK	217D 91.3	0.087 DA 395.0	42-51-45 124-27-00	199.7	59.71 0.00	0 TRANS
NEW-T APP	PROSPECT OR	BNPFT-000420AAB	217D 91.3	0.010 684.0	42-43-43 122-36-27	118.2	148.18 0.00	0 TRANS
K218AE LIC	COTTAGE GROVE OR	BLFT-020531AAY	218D 91.5	0.075 273.0	43-46-38 123-02-33	63.7	104.16 0.00	0 TRANS
KWVZ LIC	FLORENCE OR	BLED-070613ACW	218A 91.5	0.150 167.0	43-57-26 124-04-26	9.0	66.22 -22.78	89 SHORT
KWVZaux APP	FLORENCE OR	BXMLED-070622ACE	218A 91.5	0.150 DA 170.0	43-57-19 124-04-26	9.0	66.01 0.00	0 AUX
K218AH LIC	GOLD BEACH OR	BLFT-821213MN	218D 91.5	0.047 DA 170.0	42-26-05 124-25-12	189.7	105.25 0.00	0 TRANS
KSRS LIC	ROSEBURG OR	BLED-910103KA	218A 91.5	2.000 93.0	43-12-22 123-21-48	104.6	70.50 -18.50	89 SHORT

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SEARCH PARAMETERS FM Database Date: 070716 Page 2

Channel: 217C3 91.3 MHz

Latitude: 43 22 7

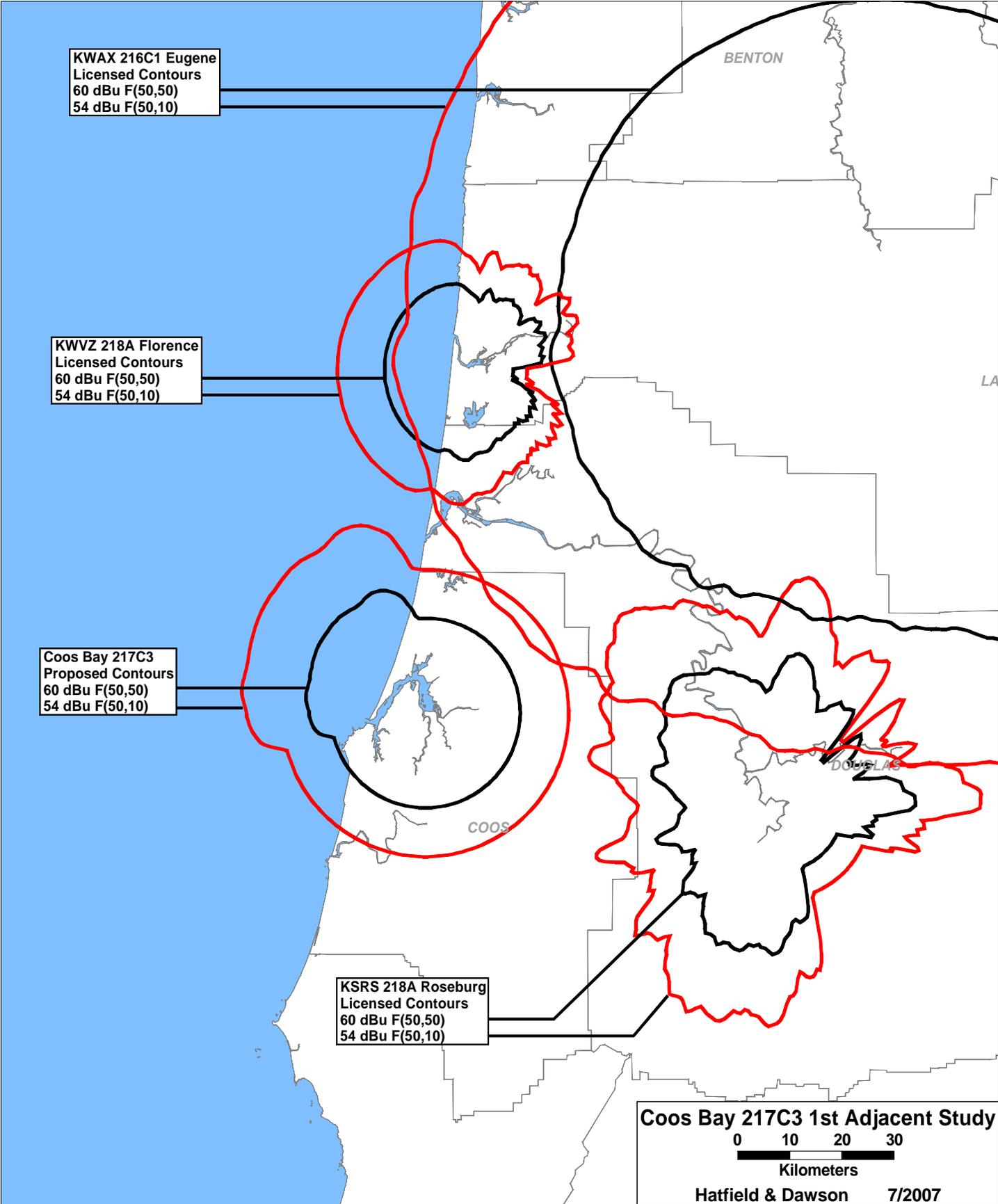
Longitude: 124 12 11

Safety Zone: 32 km

Job Title: COOS BAY 217C3

Call Status	City St	FCC File No.	Channel Freq.	ERP(kW) HAAT(m)	Latitude Longitude	Bearing deg-True	Dist (km)	Req (km)
K219AM LIC	BANDON, ETC. OR	BLFT-850725TB	219D 91.7	0.040 56.0	DA 43-06-08 124-25-05	210.5	34.36 0.00	0 TRANS
K219CK LIC	COOS BAY OR	BLFT-951024TD	219D 91.7	0.023 359.0	43-27-49 124-05-44	39.4	13.68 0.00	0 TRANS
K220AJ LIC	GOLD BEACH OR	BLFT-820930IB	220D 91.9	0.207 853.0	DA 42-41-51 124-08-06	175.7	74.76 0.00	0 TRANS
K220DQ LIC	ROSEBURG OR	BLFT-940216TC	220D 91.9	0.050 225.0	DA 43-12-24 123-21-47	104.5	70.51 0.00	0 TRANS
K271AR LIC	COOS BAY OR	BLFT-050315ABN	271D 102.1	0.010 196.0	43-21-15 124-14-34	243.4	3.60 0.00	0 TRANS

44444 END OF FM SPACING STUDY FOR CHANNEL 217 44444



**KWAX 216C1 Eugene  
Licensed Contours  
60 dBu F(50,50)  
54 dBu F(50,10)**

**KWVZ 218A Florence  
Licensed Contours  
60 dBu F(50,50)  
54 dBu F(50,10)**

**Coos Bay 217C3  
Proposed Contours  
60 dBu F(50,50)  
54 dBu F(50,10)**

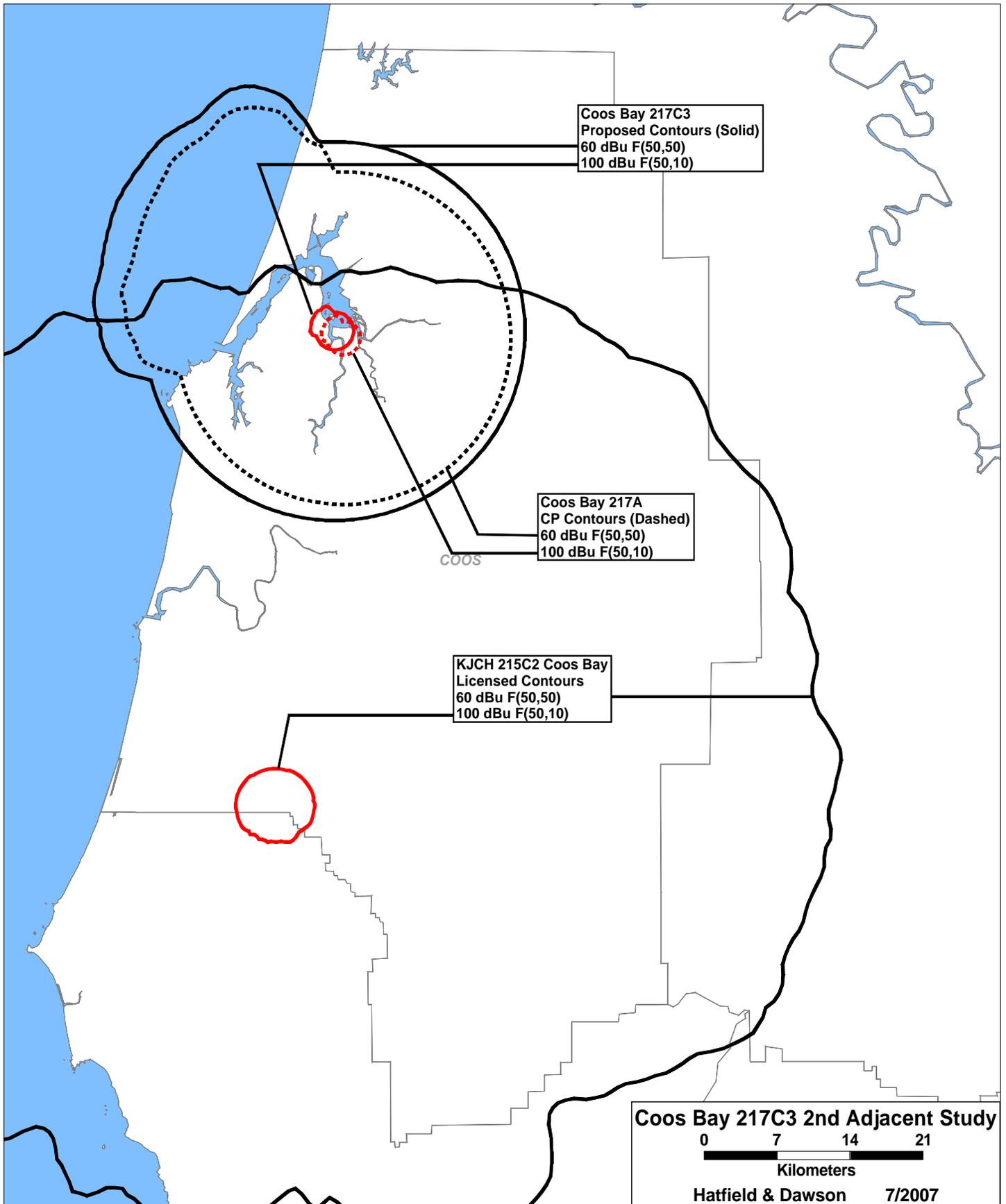
**KSRS 218A Roseburg  
Licensed Contours  
60 dBu F(50,50)  
54 dBu F(50,10)**

**Coos Bay 217C3 1st Adjacent Study**

0 10 20 30

Kilometers

Hatfield & Dawson 7/2007



**United States of America**  
**FEDERAL COMMUNICATIONS COMMISSION**  
**FM BROADCAST STATION LICENSE**

Authorizing Official:

Official Mailing Address:

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CSN INTERNATIONAL  
4002 N 3300 E  
TWIN FALLS ID 83301

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Rodolfo F. Bonacci  
Assistant Chief  
Audio Division  
Media Bureau

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Facility Id: 90263

Call Sign: KJCH

License File Number: BLED-20061211ACY

This license covers permit no.: BPED-20050603ACC

Grant Date: December 13, 2006

This license expires 3:00 a.m.  
local time, February 01, 2014.

Subject to the provisions of the Communications Act of 1934, subsequent acts and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions set forth in this license, the licensee is hereby authorized to use and operate the radio transmitting apparatus herein described.

This license is issued on the licensee's representation that the statements contained in licensee's application are true and that the undertakings therein contained so far as they are consistent herewith, will be carried out in good faith. The licensee shall, during the term of this license, render such broadcasting service as will serve the public interest, convenience, or necessity to the full extent of the privileges herein conferred.

This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequency designated in the license beyond the term hereof, nor in any other manner than authorized herein. Neither the license nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This license is subject to the right of use or control by the Government of the United States conferred by Section 606 of the Communications Act of 1934.

Name of Licensee: CSN INTERNATIONAL

Station Location: OR-COOS BAY

Frequency (MHz): 90.9

Channel: 215

Class: C2

Hours of Operation: Unlimited

Transmitter: Type Accepted. See Sections 73.1660, 73.1665 and 73.1670 of the Commission's Rules.

Transmitter output power: 3.6 kW

Antenna type: Non-Directional

Description: SHI 6813, two sections

Antenna Coordinates: North Latitude: 42 deg 57 min 32 sec  
West Longitude: 124 deg 16 min 23 sec

	Horizontally Polarized Antenna	Vertically Polarized Antenna
Effective radiated power in the Horizontal Plane (kW):	3.5	3.5
Height of radiation center above ground (Meters):	30	30
Height of radiation center above mean sea level (Meters):	689	689
Height of radiation center above average terrain (Meters):	446	446

Antenna structure registration number: 1057339

Overall height of antenna structure above ground (including obstruction lighting if any) see the registration for this antenna structure.

Special operating conditions or restrictions:

- 1 The permittee/licensee in coordination with other users of the site must reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radiofrequency electromagnetic fields in excess of FCC guidelines.
- 2 The licensee has demonstrated compliance with the FCC radiofrequency electromagnetic field exposure guidelines based upon the usage of the antenna specified herein. If the licensee makes any changes in facilities via modification of license application in accordance with 47 CFR section 73.1690(c), the subsequent Form 302-FM, application for license, must include a revised RF field showing to demonstrate continued compliance with the FCC guidelines.

Special operating conditions or restrictions:

- 3 Further modifications to the facilities BPED-19970909MD, FID #88257, Coos Bay, OR, and BPED-19980810MC, FID #91353, Coos Bay, OR, will not be construed as per se modification of KJCH's license (BLED-20061211ACY). (See "Educational Information Corporation" 6 FCC Rcd 2207).

\*\*\* END OF AUTHORIZATION \*\*\*