

EXHIBIT 12

This application is for a new FM translator service to rebroadcast the programming of FM Station KJDY-FM licensed to Canyon City, Oregon and operating on channel 233C. The proposed FM translator will operate on channel 229 with a maximum antenna ERP of 0.22 kW ERP using a directional circularly polarized antenna with the main lobe in a direction of N170E towards the city of John Day, Oregon. This FM translator application complies with all requirements of 47 CFR Section 74.1204

EXHIBIT 12A is a FM Translator Interference Study tabulating the co-channel and adjacent channel allocations and licensed services which must be protected. Adequate contour protection is provided to all existing services,

EXHIBIT 12B is a contour map demonstrating that the proposed 1 mV/m (60 dBu) contour for the requested FM translator is entirely enclosed within the existing licensed 1 mV/m contour for the primary station KJDY-FM.

EXHIBIT 12A
McClanathan & Associates, Inc.
Portland, Or

Monday, February 24, 2003

Dataworld FM Interference Study

Title: KJDY-FM

Channel: 229 FT (93.7 MHz) ERP: 0.04 kW HAAT: 260.0 m
 Database: FCC 2/21/2003 12:46:27 AM

Latitude: N 44° 26' 03.0"
 Longitude: W 118° 57' 29.0"
 Safety Zone: 50.0 km

Call	Auth	Licensee name	Chan	HAAT(m)	ERP	Latitude	Br-to	Dist	Req
City of License		St	FCC File Number	Freq	HAMSL(m)	Longitude	-from	(km)	(km)
ALLOC	VAC		228 A			N 45° 14' 18.0"	313.2	131.9	56.97
CONDON		OR		93.5		W 120° 11' 06.0"	132.3	74.93	CLEAR

Assumed ERP: 6 kW; HAAT: 100 m

Proposed Channel 229 FT 54 dBuV/m F(50,10) Interfering contour = 19.8 km
 Proposed Channel 229 FT 60 dBuV/m F(50,50) Service contour = 13.2 km

ALLOC Channel 228 A 60 dBuV/m F(50,50) Service contour = 28.3 km
 ALLOC Channel 228 A 54 dBuV/m F(50,10) Interfering contour = 43.7 km

KGSG	LIC	GOSPEL MUSIC BROADCASTING CORP.	229 A	292.0	0.6 H	N 46° 04' 59.0"	355.1	183.9	91.51
PASCO		WA BLH-19970409KA	93.7	636.0	0.6 V	W 119° 09' 38.0"	175.0	92.43	CLEAR

Proposed Channel 229 FT 40 dBuV/m F(50,10) Interfering contour = 44.1 km
 Proposed Channel 229 FT 60 dBuV/m F(50,50) Service contour = 13.2 km
 KGSG Channel 229 A 60 dBuV/m F(50,50) Service contour = 27.3 km
 KGSG Channel 229 A 40 dBuV/m F(50,10) Interfering contour = 78.3 km

PRM	ADD		230 C2			N 45° 30' 58.0"	293.4	321.1	91.34
PORTLAND		OR RM-bg-21	93.9			W 122° 43' 59.0"	110.7	229.8	CLEAR

Assumed ERP: 50 kW; HAAT: 150 m

Proposed Channel 229 FT 54 dBuV/m F(50,10) Interfering contour = 19.8 km
 Proposed Channel 229 FT 60 dBuV/m F(50,50) Service contour = 13.2 km

PRM Channel 230 C2 60 dBuV/m F(50,50) Service contour = 52.2 km
 PRM Channel 230 C2 54 dBuV/m F(50,10) Interfering contour = 78.1 km

KXIX	LIC	GCC BEND, LLC	231 C	303.0	86 H	N 44° 02' 48.0"	259.0	210.0	74.54
BEND		OR BLH-19860710KA	94.1	1871.0	86 V	W 121° 31' 53.0"	77.2	135.5	CLEAR

Proposed Channel 229 FT 80 dBuV/m F(50,10) Interfering contour = 3.5 km
 Proposed Channel 229 FT 60 dBuV/m F(50,50) Service contour = 13.2 km
 KXIX Channel 231 C 60 dBuV/m F(50,50) Service contour = 71.1 km
 KXIX Channel 231 C 80 dBuV/m F(50,10) Interfering contour = 32.6 km

K282AA	LIC	TRI-CITY CHRISTIAN TRANSLATOR AS	282 D	348.0	0.274 H	N 46° 06' 15.0"	355.9	186.1	4.147
KENNEWICK, ETC. (OR)		WA BRFT-19840723ND	104.3	661.0	0.274 V	W 119° 07' 46.0"	175.8	181.9	CLEAR

Proposed Channel 229 FT 91 dBuV/m F(50,10) Interfering contour = 1.2 km
 K282AA Channel 282 D 91 dBuV/m F(50,50) Service contour = 2.9 km

PRM	ADD		283 C1			N 45° 29' 08.0"	310.6	182.3	18.18
MORO		OR RM-bg-20	104.5			W 120° 43' 54.0"	129.3	164.1	CLEAR

Assumed ERP: 100 kW; HAAT: 299 m

Proposed Channel 229 FT 91 dBuV/m F(50,10) Interfering contour = 1.2 km

PRM Channel 283 C1 91 dBuV/m F(50,50) Service contour = 16.9 km

>> End of channel 229 FT study <<

EXHIBIT 12B

60.0 dBu f(50,50) KJDY-FM

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PROPOSED
CH. 229 TRANSLATOR
0.22 kW ERP H&V DA

60.0 dBu f(50,50)

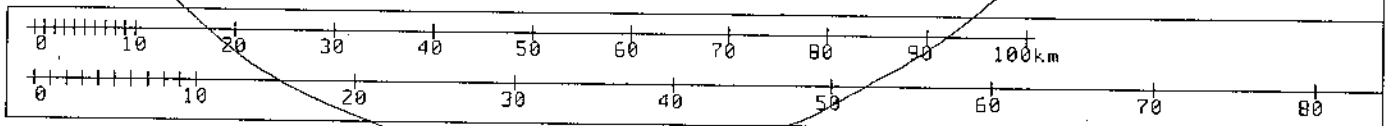
44:25:03.0N
118:57:29.0W

44:17:50.0N
119:02:09.0W

KJDY-FM
CH. 233C

+

Scale 1: 763671.



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