

**September 2011
KJXN(FM) Channel 286C2
South Park, Wyoming
Allocation Study**

A single site is specified for the proposed allotment and transmitter sites. The attached spacing study shows that the proposed operation meets the co-channel and adjacent channel spacing requirements for Class C2 stations as prescribed in §73.207 of the Commission's Rules.

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SEARCH PARAMETERS FM Database Date: 110906

Channel: 286C2 105.1 MHz
 Latitude: 43 29 34
 Longitude: 110 57 19
 Safety Zone: 32 km
 Job Title: KJXN 286C2 SOUTH PARK

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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)
NEW-T	JACKSON		233D	0.010	43-27-40	102.1	16.78	0
APP	WY BNPFT-30317CXN		94.5	493.0	110-45-09		0.00	TRANS
RSV	ASHTON		283A	0.000	43-58-32	317.2	73.43	55
	ID RM-11363		104.5	0.0	111-34-40		18.43	CLEAR
NEW-T	IDAHO FALLS		283D	0.028	43-32-33	274.5	75.33	0
APP	ID BNPFT-30314BCF		104.5	295.0	111-53-04		0.00	TRANS
KRID	UCON		283C2	33.000	43-32-33	274.5	75.33	58
CP MOD	ID BMPH-01012AAC		104.5	182.0	111-53-04	SS	17.33	CLEAR
KRID	UCON		283C2	37.000	43-32-34	274.6	75.40	58
APP	ID BMPH-10902AAS		104.5	173.0	111-53-07	SS	17.40	CLEAR
NEW-T	REXBURG		284D	0.092	43-48-23	298.7	73.43	0
APP	ID BNPFT-30314BOD		104.7	159.0	111-45-23		0.00	TRANS
NEW-T	REXBURG		284D	0.075	43-48-23	298.7	73.43	0
APP	ID BNPFT-30317DHF		104.7	174.0	111-45-23		0.00	TRANS
K284BI	ALPINE		284D	0.010	43-06-17	197.4	45.17	0
LIC	WY BLFT-00423ABW		104.7	909.0	111-07-17		0.00	TRANS
K285DF	AFTON		285D	0.076	42-38-10	181.8	95.22	0
LIC	WY BLFT-870820TA		104.9	287.0	110-59-30		0.00	TRANS
K285CY	JACKSON		285D	0.025	43-27-10	106.0	16.11	0
LIC	WY BLFT-860926TA		104.9	520.0	110-45-50		0.00	TRANS
K285CY	JACKSON		285D	0.010	43-29-28	173.1	0.19	0
APP	WY BPFT-10801AKV		104.9	751.0	110-57-18		0.00	TRANS
NEW-T	DRIGGS		286D	0.090	43-42-24	307.4	39.34	0
APP	ID BNPFT-30311AMG		105.1	822.0	111-20-37		0.00	TRANS
NEW-T	IDAHO FALLS		286D	0.250	43-28-31	269.1	88.65	0
APP	ID BNPFT-30317ERD		105.1	77.0	112-03-03		0.00	TRANS
NEW-T	VICTOR		286D	0.250	43-41-07	329.1	24.98	0
APP	ID BNPFT-30314BAP		105.1	64.0	111-06-54		0.00	TRANS

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K286AY LIC	BONDURANT WY	BLFT-70705AFL	286D 105.1	0.250 4.0	43-12-25 110-23-36	124.8	55.54 0.00	0 TRANS
KJXN LIC	SOUTH PARK WY	BLH-91210ACL	286A 105.1	0.150 328.0	43-29-34 110-57-19	0.0	0.00 -166.00	166 SHORT
K287AB LIC	MONTPELIER ID	BLFT-940714TD	287D 105.3	0.010 375.0	42-23-22 111-23-05	196.1	127.48 0.00	0 TRANS
KTHK LIC	IDAHO FALLS ID	BLH-931014KD	288C1 105.5	100.000 201.0	43-21-06 112-00-22	259.9	86.53 7.53	79 CLOSE
K289AF LIC	FREEDOM WY	BLFT-980706TD	289D 105.7	0.010 901.0	43-06-40 111-07-25	197.9	44.55 0.00	0 TRANS

44444 END OF FM SPACING STUDY FOR CHANNEL 286 44444