

**April 2014  
KDGS(FM) Channel 228C3  
Andover, Kansas  
Allocation Study**

**Background**

The instant application is being filed responsive to the Commission's May 28, 2013 letter, which ordered Entercom to file a minor change application for construction permit, to modify KDGS from Channel 230C3 to Channel 228C3 at Andover, in order to accommodate the upgrade of KCVW from Channel 232C2 to Channel 232C1 at Kingman as approved in BPED-20111214ABT. In addition to the ordered channel change, this application proposes KDGS operation from a new transmitter site.

In a separate but related letter of the same date, Niemeyer Communications has been ordered to file a minor change application for construction permit, to modify its station KOTE from Channel 228A to Channel 230A at Eureka, Kansas, in order to accommodate the KDGS channel change. The KOTE Form 301 application is being submitted contemporaneously with the instant KDGS application, and the two should be processed and granted together.

**Channel 228C3 Transmitter Site Spacing Study**

The attached spacing study shows that the proposed transmitter site meets the co-channel and adjacent channel spacing requirements for Class C3 stations as prescribed in §73.207 of the Commission's Rules, with the exception of a short-spacing to the licensed operation of KYEZ on Channel 229C1 at Salina. Processing pursuant to §73.215 of the Commission's Rules is requested with respect to KYEZ, and the attached allocation study map is included to demonstrate the lack of prohibited contour overlap with that facility.

The spacing study indicates an apparent short-spacing to the licensed operation of KOTE on Channel 228A at Eureka. As noted above KOTE has been ordered to file a Form 301 application specifying operation on Channel 230A at Eureka, which application is being submitted contemporaneously with the instant KDGS application. The instant proposal is fully-spaced to KOTE operation on Channel 230A.

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## SEARCH PARAMETERS

FM Database Date: 140411

Channel: 228C3 93.5 MHz

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Latitude: 37 42 47

Longitude: 97 14 51

Safety Zone: 32 km

Job Title: KDGS 228C3 TRANSMITTER SITE

Call Status	City St	FCC File No.	Channel Freq.	ERP(kW) HAAT(m)	Latitude Longitude	Bearing deg-True	Dist (km)	Req (km)
KHMY LIC	PRATT KS	BLH-10123AAA	226C0 93.1	100.000 302.0	37-55-43 098-18-36	284.7	96.56 9.56	87 CLOSE
K227AX LIC	EL DORADO KS	BLFT-70723AAM	227D 93.3	0.170 132.0	37-48-16 096-53-02	72.3	33.61 0.00	0 TRANS
RSV NOTE:	ANDOVER KS	RM-inv-36 RESERVED FOR KDGS	228C3 93.5	0.000 0.0	37-37-00 097-20-11	216.2	13.26 -139.74	153 SHORT
KKDT LIC	BURDETT KS	BLH-91124AIF	228C1 93.5	95.000 304.8	38-36-32 099-42-11	295.6	237.07 26.07	211 CLEAR
DEL NOTE:	EUREKA KS	RM-inv-36 TO 230A	228A 93.5	0.000 0.0	37-47-29 096-17-25	83.8	84.81 -57.19	142 SHORT
KOTE LIC NOTE:	EUREKA KS	BLH-910304KC TO 230A	228A 93.5	3.000 98.0	37-47-29 096-17-25	83.8	84.81 -57.19	142 SHORT
K228DW LIC	HUTCHINSON KS	BLFT-61010ADZ	228D 93.5	0.055 71.0	38-03-21 097-57-54	301.4	73.70 0.00	0 TRANS
K228DY LIC	NEWTON KS	BLFT-41227ABJ	228D 93.5	0.250 89.0	38-01-47 097-18-53	350.5	35.64 0.00	0 TRANS
KYEZaux LIC	SALINA KS	BLH-921009KA	229C1 93.7	0.110 11.0	38-50-25 097-35-13	346.8	128.60 0.00	0 AUX
KYEZ LIC	SALINA KS	BLH-6686	229C1 93.7	100.000 155.0	38-57-14 097-36-29	347.3	141.29 -2.71	144 SHORT
ABSOLUTE MINIMUM 73.215 SPACING = 133 KM								
KDGS LIC	ANDOVER KS	BLH-931108KC	230C3 93.9	25.000 100.0	37-37-00 097-20-11	216.2	13.26 -29.74	43 SHORT

===== END OF FM SPACING STUDY FOR CHANNEL 228 =====

