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**Proposed Translator Amendment
Channel 300D at Texarkana, TX
To Rebroadcast KCMC(AM) 740 kHz Texarkana, TX
December 2017**

Background

Short-form application BNPFT-20180125ACM was filed by Texarkana Radio Center Licenses, LLC ("TRCL") during the FM Auction #100 filing window, proposing a new FM translator on Channel 298D at Texarkana, Texas. Subsequently, the Commission's Public Notice of April 3, 2018 (DA 18-332) identified this short-form application as being mutually-exclusive with BNPFT-20180129ACH, which was filed by Townsquare Media Texarkana, License, LLC ("Townsquare") during that same window.

The instant application is being filed as an amendment to the TRCL application, in order to resolve the mutual exclusivity, so that both the TRCL and Townsquare applications can proceed as singletons. This minor amendment specifies operation on Channel 300D, which is second-adjacent to the originally-requested Channel 298D.

Allocation Study

The attached spacing study shows the spacing between the proposed translator site and the location of cochannel and adjacent channel stations and proposals. This study was made with the Commission's Class A spacing requirements, and individual situations were examined to determine the lack of prohibited contour overlap per the requirements of §74.1204 of the Rules. The attached allocation study map demonstrates compliance with the Commission's Rules for protection of FM broadcast stations and FM translators as outlined in §74.1204.

The attached spacing study demonstrates compliance with §73.207 of the Commission's Rules

regarding spacing restrictions to stations which are 53 or 54 channels removed from the proposed operation.

New 298D Texarkana (BNPFT-20180129ACH)

The proposed translator transmitter site is located within the 60 dBu protected contour of Townsquare's second-adjacent channel application BNPFT-20180129ACH at Texarkana. The following calculation, performed using the *Living Way* methodology, demonstrates interference protection to that station.

Protected Station	Distance & Bearing to Proposal	Station ERP and HAAT on that azimuth	Station Field Strength at Proposal	Corresponding Translator Interfering Contour	Protected Station
New 289D	6.65 km 118 deg True	0.250 kW 152 meters	75.2 dBu Free Space	115.2 dBu	See below

The 115.2 dBu contour from the proposed facility extends 185 meters from the antenna. However, taking into account the vertical plane pattern of the antenna to be used, and given the antenna height above ground, the attached Free Space calculations demonstrate that the interference area will not reach ground level. There is no population within this contour. Therefore, the proposed facility is believed to satisfy the requirements of §74.1204(d) with respect to BNPFT-20180129ACH.

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SEARCH PARAMETERS

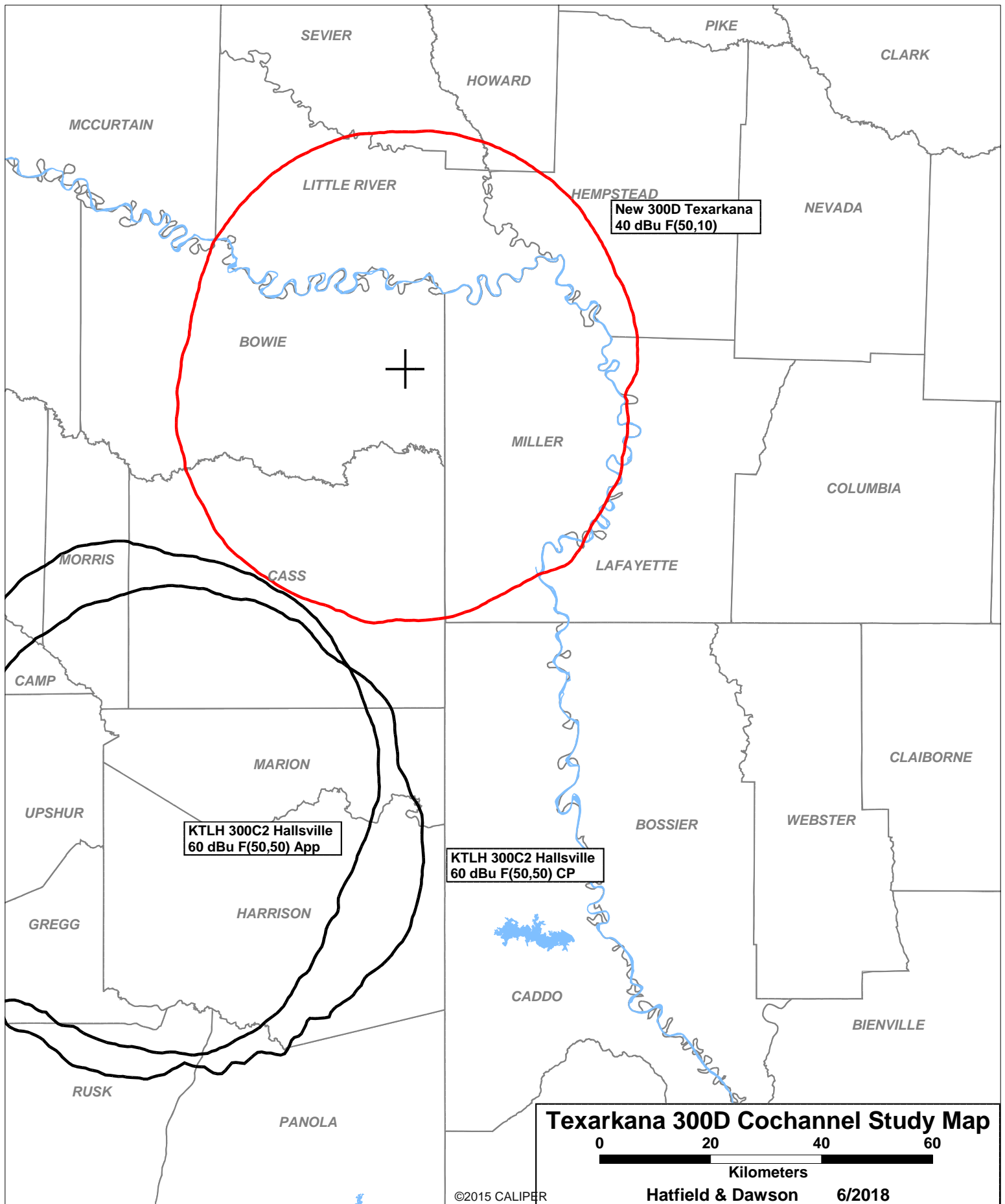
FM Database Date: 180611

Channel: 300A 107.9 MHz
 Latitude: 33 25 45
 Longitude: 94 7 11
 Safety Zone: 50 km
 Job Title: TEXARKANA 300

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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)
K246CR CP	TEXARKANA TX	BNPFT-71201AGV	246D 97.1	0.250 61.0	33-26-33 094-03-20	76.0	6.15 0.00	0 TRANS
KJUK-LP LIC	HOOKS TX	BLL-40411AAJ	247L1 97.3	0.100 26.5	33-31-37 094-14-44	313.0	15.95 9.95	6 CLOSE
KDVE-LP LIC	MOUNT PLEASANT TX	BLL-50722ADF	297L1 107.3	0.063 37.6	33-10-59 094-54-24	249.7	78.21 49.21	29 CLEAR
NEW-T APP	TEXARKANA AR	BNPFT-80129ACH	298D 107.5	0.250 174.0	33-27-25 094-10-59	297.7	6.65 0.00	0 TRANS
NEW-T APP	TEXARKANA TX	BNPFT-80125ACM	298D 107.5	0.250 0.0	33-25-45 094-07-11	0.0	0.00 0.00	0 TRANS
KPLT-FM LIC	PARIS TX	BLH-40317ACP	299C2 107.7	50.000 150.0	33-44-55 095-24-53	286.9	125.33 19.33	106 CLEAR
KEZA LIC	FAYETTEVILLE AR	BLH-820917AU	300C 107.9	100.000 384.0	35-51-12 094-01-33	1.8	269.05 43.05	226 CLEAR
K300DJ CP	GLENWOOD AR	BNPFT-71201AGI	300D 107.9	0.250 DA 96.0	34-29-55 093-05-04	38.5	152.40 0.00	0 TRANS
KHOA-LP LIC	HOPE AR	BLL-50713AAE	300L1 107.9	0.100 24.1	33-40-04 093-35-30	61.4	55.73 -11.27	67 SHORT
KIVD-LP LIC	BOSSIER CITY LA	BLL-50318AAB	300L1 107.9	0.100 21.9	32-30-26 093-42-06	159.1	109.46 42.46	67 CLEAR
NEW-T APP	SPRINGHILL LA	BNPFT-80131AFS	300D 107.9	0.215 0.0	33-00-30 093-28-38	127.9	75.93 0.00	0 TRANS
NEW-T APP	SPRINGHILL LA	BNPFT-80502AAR	300D 107.9	0.215 182.0	33-00-30 093-28-38	127.9	75.93 0.00	0 TRANS
KTLH CP	HALLSVILLE TX	BNPH-51013AIK	300C2 107.9	45.000 104.0	32-40-01 094-33-38	206.0	94.03 -71.97	166 SHORT
KTLH APP	HALLSVILLE TX	BMPH-71109ACR	300C2 107.9	50.000 DA 110.0	32-43-03 094-40-17	213.2	94.25 -71.75	166 SHORT
K300CX LIC	HENDERSON TX	BLFT-50317AAH	300D 107.9	0.205 DA 0.0	32-07-36 094-47-57	203.9	157.85 0.00	0 TRANS
K300AU LIC	MOUNT PLEASANT TX	BLFT-70405ABY	300D 107.9	0.250 81.0	33-12-09 094-54-59	251.4	78.33 0.00	0 TRANS

===== END OF FM SPACING STUDY FOR CHANNEL 300 =====



Texarkana 300D Free Space Interference Area Calculator **Interference Area to BNPFT-20180129ACH**

Antenna Height: 86 meters AGL
 Contour Level: 115.2 dBu equals 0.6 V/m
 ERP in Watts: 230 Watts

Maximum distance
 to interfering contour is: 606.2 feet equals 184.8 meters

Antenna: BKG77-2 3/4

Depression Angle (degrees)	Nicom BKG77-2 3/4 Relative Field	Adjusted ERP (Watts)	Free Space Distance To 115.2 dBu Contour Along the depression angle	Horizontal Distance (meters)	Contour AGL (meters)
-90	0.117	3.1	21.6 meters	0	64.4
-89	0.117	3.1	21.6	0.4	64.4
-88	0.119	3.3	22.0	0.8	64.0
-87	0.120	3.3	22.2	1.2	63.9
-86	0.121	3.4	22.4	1.6	63.7
-85	0.122	3.4	22.5	2.0	63.5
-84	0.128	3.8	23.6	2.5	62.5
-83	0.134	4.1	24.8	3.0	61.4
-82	0.140	4.5	25.9	3.6	60.4
-81	0.145	4.8	26.8	4.2	59.5
-80	0.151	5.2	27.9	4.8	58.5
-79	0.160	5.9	29.6	5.6	57.0
-78	0.170	6.6	31.4	6.5	55.3
-77	0.179	7.4	33.1	7.4	53.8
-76	0.188	8.1	34.7	8.4	52.3
-75	0.197	8.9	36.4	9.4	50.8
-74	0.207	9.9	38.2	10.5	49.2
-73	0.217	10.8	40.1	11.7	47.7
-72	0.227	11.9	41.9	13.0	46.1
-71	0.237	12.9	43.8	14.3	44.6
-70	0.246	13.9	45.5	15.5	43.3
-69	0.257	15.2	47.5	17.0	41.7
-68	0.267	16.4	49.3	18.5	40.3
-67	0.277	17.6	51.2	20.0	38.9
-66	0.286	18.8	52.8	21.5	37.7
-65	0.295	20.0	54.5	23.0	36.6
-64	0.304	21.3	56.2	24.6	35.5
-63	0.311	22.2	57.5	26.1	34.8
-62	0.319	23.4	58.9	27.7	34.0
-61	0.325	24.3	60.0	29.1	33.5
-60	0.331	25.2	61.2	30.6	33.0
-59	0.336	26.0	62.1	32.0	32.8
-58	0.341	26.7	63.0	33.4	32.6
-57	0.345	27.4	63.7	34.7	32.5
-56	0.347	27.7	64.1	35.9	32.8
-55	0.349	28.0	64.5	37.0	33.2
-54	0.349	28.0	64.5	37.9	33.8
-53	0.347	27.7	64.1	38.6	34.8
-52	0.345	27.4	63.7	39.2	35.8
-51	0.341	26.7	63.0	39.6	37.0
-50	0.336	26.0	62.1	39.9	38.4
-49	0.329	24.9	60.8	39.9	40.1

-48	0.321	23.7	59.3	39.7	41.9
-47	0.312	22.4	57.6	39.3	43.8
-46	0.301	20.8	55.6	38.6	46.0
-45	0.288	19.1	53.2	37.6	48.4
-44	0.273	17.1	50.4	36.3	51.0
-43	0.257	15.2	47.5	34.7	53.6
-42	0.239	13.1	44.2	32.8	56.5
-41	0.219	11.0	40.5	30.5	59.5
-40	0.198	9.0	36.6	28.0	62.5
-39	0.174	7.0	32.1	25.0	65.8
-38	0.149	5.1	27.5	21.7	69.1
-37	0.121	3.4	22.4	17.9	72.5
-36	0.093	2.0	17.2	13.9	75.9
-35	0.062	0.9	11.5	9.4	79.4
-34	0.030	0.2	5.5	4.6	82.9
-33	0.003	0.0	0.6	0.5	85.7
-32	0.038	0.3	7.0	6.0	82.3
-31	0.075	1.3	13.9	11.9	78.9
-30	0.112	2.9	20.7	17.9	75.7
-29	0.150	5.2	27.7	24.2	72.6
-28	0.189	8.2	34.9	30.8	69.6
-27	0.229	12.1	42.3	37.7	66.8
-26	0.269	16.6	49.7	44.7	64.2
-25	0.310	22.1	57.3	51.9	61.8
-24	0.352	28.5	65.0	59.4	59.5
-23	0.393	35.5	72.6	66.8	57.6
-22	0.435	43.5	80.4	74.5	55.9
-21	0.476	52.1	87.9	82.1	54.5
-20	0.518	61.7	95.7	89.9	53.3
-19	0.558	71.6	103.1	97.5	52.4
-18	0.598	82.2	110.5	105.1	51.9
-17	0.636	93.0	117.5	112.4	51.6
-16	0.674	104.5	124.5	119.7	51.7
-15	0.711	116.3	131.4	126.9	52.0
-14	0.746	128.0	137.8	133.7	52.7
-13	0.780	139.9	144.1	140.4	53.6
-12	0.812	151.6	150.0	146.7	54.8
-11	0.842	163.1	155.6	152.7	56.3
-10	0.871	174.5	160.9	158.5	58.1
-9	0.894	183.8	165.2	163.1	60.2
-8	0.916	193.0	169.2	167.6	62.4
-7	0.935	201.1	172.8	171.5	64.9
-6	0.952	208.4	175.9	174.9	67.6
-5	0.967	215.1	178.7	178.0	70.4
-4	0.979	220.4	180.9	180.4	73.4
-3	0.988	224.5	182.5	182.3	76.4
-2	0.994	227.2	183.7	183.5	79.6
-1	0.998	229.1	184.4	184.4	82.8
0	1.000	230.0	184.8	184.8	86.0

