

Exhibit 8 – Corrective Coordinate Filing

The purpose of this Form 302-FM filing is to correct the KFRI licensed coordinates to match the ASR coordinates and to update the antenna designation and subsequent transmitter output formula.

Since the coordinates of the KFRI license and the coordinates of the Antenna Structure Registration (ASR 1058261) are separated at a distance of less than 3 seconds latitude and/or 3 seconds longitude, this corrective Form 302-FM can be filed. A Form 340 application for a construction permit is not necessary as stated in 47 C.F.R Section 73.1690(b)(2).

EMF is proposing a geographic coordinate correction of 0.5 degrees N and 0.5 degrees W with no change in site elevation, center of radiation, or overall tower height. As seen in Exhibit 8-C the corrected coordinates spacing to all licensed and proposed facilities is in compliance with 73.209 spacing requirements.

KFRI FCC Licensed Data

ASR 1058261

Site Location: 31-50-53.0 N 102-27-04.0 W (**NAD 27**)

Site Location: 31-50-53.5 N 102-27-05.5 W (Converted to **NAD 83**)

Site: 897m

Overall: 155m

AG: 138m

AMSL: 1035m

HAAT: 130m

ERP: 100kw

TPO: 20.8kw

KFRI Corrected Data

ASRN: 1058261

31-50-52.5 N 102-27-03.5 W (Converted to NAD 27)

31-50-53.0 N 102-27-5.0 W (NAD 83)

Site: 897m

Overall: 154.8m

AG: 138m

AMSL: 1035m

HAAT: 130m

ERP: 100kw

TPO: 20.8kw

No change in COR AG or AMSL or HAAT or ERP

Exhibit 8-A FCC Antenna Structure Registration Information

Exhibit 8-B Coordinate conversion from NAD83 to NAD27

Exhibit 8-C Channel search showing the corrected coordinates compliance with all contour protection requirements under C.F.R. 47 73.209

[ASR Registration Search](#)**Registration 1058261**[✦ Map Registration](#)**Registration Detail**

Reg Number	1058261	Status	Granted
File Number	A1035506	Constructed	06/01/1956
EMI	No	Dismantled	
NEPA	No		

Antenna Structure

Structure Type TOWER - Free standing or Guyed Structure used for Commu

Location (in NAD83 Coordinates)

Lat/Long	31-50-53.0 N 102-27-05.0 W	Address	2413 NORTH ALTURAS AVE
City, State	ODESSA , TX		
Zip	79763	County	ECTOR
Center of AM Array		Position of Tower in Array	

Heights (meters)

Elevation of Site Above Mean Sea Level	Overall Height Above Ground (AGL)
897.0	154.8
Overall Height Above Mean Sea Level	Overall Height Above Ground w/o Appurtenances
1051.8	153.8

Painting and Lighting Specifications

FCC Paragraphs 1, 3, 4, 13, 21

FAA Notification

FAA Study	98-ASW-3516-OE	FAA Issue Date	09/11/1998
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Owner & Contact Information

FRN	0004540845	Owner Entity Type	Corporation
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Owner

Andrews Tower Rental Inc.	P: (325)200-9118
764 FM 502	F:
Richland Springs , TX 76871	E: krmcmillan78@yahoo.com

Contact

Andrews , Barbara
764 FM 502
Richland Springs , TX 76871

P: (325)200-9118
F:
E: krmcmillan78@yahoo.com

Last Action Status

Status	Granted	Received	06/16/2016
Purpose	Admin Update	Entered	06/16/2016
Mode	Interactive		

Related Applications

06/16/2016	A1035506 - Admin Update (AU)
03/18/2011	A0717938 - Modification (MD)
11/19/1998	A0068449 - New (NE)

Comments**Comments**

None

History

Date	Event
06/20/2017	Construction Reminder Letter Sent
06/17/2016	Registration Printed
06/16/2016	ASR Application receipt email sent: Tower email

All History (9)

Automated Letters

06/20/2017	Construction Reminder, Reference 954419
06/17/2016	Authorization, Reference
03/27/2012	Construction Reminder, Reference 709981

All letters (4)

[CLOSE WINDOW](#)

Output from NADCON for station

North American Datum Conversion

NAD 83 to NAD 27

NADCON Program Version 2.11

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Transformation #: 1 Region: Conus

	Latitude	Longitude
NAD 27 datum values:	31 50 52.54943	102 27 3.47810
NAD 83 datum values:	31 50 53.00000	102 27 5.00000
NAD 27 - NAD 83 shift values:	-0.45057	-1.52190(secs.)
	-13.878	-40.013 (meters)
Magnitude of total shift:		42.351(meters)



[NGS HOME PAGE](https://www.ngs.noaa.gov)

Channel Study

REFERENCE		CH# 204C1- 88.7 MHz, Pwr= 100 kW, HAAT= 130.3 M, COR= 1035 M								DISPLAY DATES	
31 50 52.5 N.		Average Protected F(50-50)= 55.7 km								DATA 08-07-18	
102 27 03.5 W.		Omni-directional								SEARCH 08-14-18	
CH CITY	CALL	TYPE STATE	ANT TX	AZI. <--	DIST FILE #	LAT. LNG.	Pwr(kW) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
204C1 West Odessa	KFRI!	LIC	C TX	319.7 139.7	0.02 BLED20010330ABD	31 50 53.0 102 27 04.0	100.000 130	155.3 1035	58.8 Educational Media Foundati	-209.6	-208.6
205A Crane	VA8714	VAC	N TX	169.4 349.4	50.97	31 23 46.0 102 21 06.0	6.000 100	44.4 890	28.7	-49.7*<	-63.5*<
205A Seminole	VA9158	VAC	N TX	349.2 169.1	98.20	32 43 03.0 102 38 55.0	6.000 100	47.7 1114	31.1	-5.0<	-17.8<
205A Pecos	VA9055	VAC	N TX	245.1 64.5	109.37	31 25 46.0 103 29 42.0	6.000 100	46.1 898	29.9	10.0	-3.2<
202C Big Spring	980826MM	VAC	N TX	67.8 248.3	100.32	32 11 06.0 101 27 56.0	100.000 600	14.0 1385	92.6	28.0	0.6
201C1 Stanton	KFLB-FM	LIC	DCX TX	65.2 245.6	66.25 BLED20051115ADR	32 05 44.0 101 48 47.0	100.000 139	6.5 952	55.1 Family Life Broadcasting,	1.4	4.1
206A Greenwood	KAGP	LIC	CX TX	69.6 250.0	62.27 BLED20140314ABT	32 02 27.4 101 49 57.0	0.800 23	1.6 835	9.6 Agape Educational Media, I	2.3	45.6
258D Midland	K258AO«!	LIC	C TX	67.0 247.1	34.14 BLFT20170504ABC	31 58 03.0 102 07 06.0	0.140	78.0 977	65.0 Eastern New Mexico Univers	22.0R	12.1M
207A Big Spring	970612MF	VAC	N TX	63.7 244.2	102.24	32 15 03.0 101 28 38.0	6.000 100	3.0 879	30.9	41.0	64.2
202A Hobbs	KLHK	CP	VX NM	328.2 147.8	113.32 BPED20170202ABK	32 42 48.0 103 05 27.0	4.200 121	2.8 1215	30.5 Educational Media Foundati	55.8	76.4
202A Hobbs	KLHK	APP	VX NM	328.2 147.8	113.32 BMPED20180719AAH	32 42 48.0 103 05 27.0	3.600 121	2.7 1215	29.4 Educational Media Foundati	56.0	77.5
206A Fort Stockton	VA2775	VAC	N TX	201.2 20.9	113.81	30 53 26.0 102 52 58.0	6.000 100	3.1 1012	32.8	57.1	74.7
204C Del Rio	VA0081	VAC	N TX	151.4 332.2	313.30	29 21 39.0 100 53 58.0	100.000 600	196.7 915	91.2	58.7	68.0
202A Fort Stockton	KRAF	LIC	CX TX	200.2 20.0	114.66 BLED20091116AAJ	30 52 38.6 102 52 02.1	0.300 -4	1.2 918	10.2 Christian Television Radio	59.8	98.2
203C1 Alpine	KADM	CP	CN TX	229.2 48.3	216.43 BNPED20071018AJM	30 33 50.4 104 09 42.3	47.000 404	99.3 2175	68.1 Houston Christian Broadcas	64.1	65.9
203C3 San Angelo	KLRW	LIC	CX TX	104.2 285.2	187.05 BLED20180104AAA	31 25 16.0 100 32 36.0	2.500 210	45.1 808	29.9 Educational Media Foundati	82.1	67.5

Terrain database is FCC NGDC 30 Sec, R= 73.215 qualifying spacings or FCC minimum spacings in KM, M= Margin in KM
Contour distances are on direct line to and from reference station. Reference Zone= - Zone 2, Co to 3rd adjacent.
Ant Column: (D= DA Standard, Z= DA 73.215, N= Not DA 73.215, _= Omni), Polarization (C,H,V,E), Beamtilt(Y,N,X)
"*"affixed to 'IN' or 'OUT' values = site inside restricted contour.
< = Station meets FCC minimum distance spacing for its class.
< = Contour Overlap
Reference station has protected zone issue: Mexico