

Before the  
FEDERAL COMMUNICATIONS COMMISSION  
Washington, D.C.

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FEDERAL COMMUNICATIONS COMMISSION  
OFFICE OF THE SECRETARY

In the Matter of )  
 )  
Amendment of Section 73.606 ) MM Docket No. \_\_\_\_\_  
NTSC Table of Allotments ) RM - \_\_\_\_\_  
(Sherman, Texas) )

To: Chief, Mass Media Bureau

**PETITION FOR RULEMAKING**

Zavaletta Broadcasting of Sherman ("Zavaletta"), pursuant to Sections 1.401 and 1.420 of the Commission's Rules, hereby petitions the Commission to amend its NTSC Table of Allotments as contained in Section 73.606, by changing Zavaletta's frequency to Channel 59 from the previously allotted Channel 20. An Engineering Exhibit in support of the petition is appended hereto.

In support whereof, the following is shown.

On September 20, 1996, Zavaletta filed an application for a new commercial broadcast station to operate on Channel 20 at Sherman, Texas.<sup>1</sup> In a Public Notice released November 22, 1999, the Commission opened a filing window to enable an applicant to file a Petition for Rulemaking to seek a new channel if the channel in its initial application was located inside the "TV Freeze Areas."<sup>2</sup>

Zavaletta's original application for Channel 20 would interfere with the DTV allotment for channel 20 at Sherman. Thus, Zavaletta is eligible to participate in this Filing

<sup>1</sup> See Application of Zavaletta Broadcasting of Sherman for a New Commercial Broadcast Station at Sherman, Texas, BPCT-19960920YP (filed September 20, 1996).

<sup>2</sup> See Public Notice, DA 99-2605, released November 22, 1999.

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Window. As required by the Public Notice, this Petition for Rulemaking will not change the community of license specified in Zavaletta's original application.

In addition, as demonstrated in the attached Engineering Exhibit of Wes, Inc., Zavaletta's use of Channel 59 would meet the minimum distance separation requirements of Section 73.610 of the Commission's rules. Second, no DTV facilities would be impacted by this Petition and the proposal would not cause any interference to a DTV facility, so the Petition also complies with Section 73.623 of the Commission's rules. Finally, there are no Class A low-power television stations requiring protection from the proposed use of Channel 59.

WHEREFORE, for the foregoing reasons, Zavaletta requests that the Commission grant this Petition and amend the NTSC Table of Allotments to substitute Channel 59 for Channel 20 at Sherman, Texas, as Zavaletta's television frequency.

Respectfully submitted,

**ZAVALETTA BROADCASTING OF SHERMAN**

By: *Linda G. Coffin*  
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Its Attorneys

Attachment

Dated: July 17, 2000

**WES, INC.**  
6200 Valeria Ln.  
El Paso, TX 79912

505-589-2224

**ENGINEERING EXHIBIT  
PETITION TO MODIFY THE TABLE OF  
ALLOTMENTS TO SPECIFY A  
DISPLACEMENT CHANNEL TO  
SUBSTITUTE FOR SHERMAN, TX  
CHANNEL 20**

July 13, 2000

**ENGINEERING STATEMENT**

**Wes, Inc.**

**DECLARATION**

I, Pete E Myrl Warren, III, declare and state that I am a Certified Broadcast Engineer, by the National Association of Radio and Television Engineers, and my qualifications are a matter of record with the Federal Communications Commission, and that I am an engineer in the firm of Wes, Inc., and that the firm has been retained to prepare an engineering statement on behalf of Zavaletta Broadcasting of Sherman.

All facts contained herein are true to my knowledge except where stated to be on information or belief, and as to those facts, I believe them to be true. All Exhibits were prepared by me or under my supervision. I declare under penalty of perjury that the foregoing is true and correct.



Pete E Myrl Warren, III

Executed on the 13th day of July 2000

## Narrative Statement

### I. GENERAL

This engineering report has been prepared on behalf of Zavaletta Broadcasting of Sherman in support of its request for a displacement channel (Channel 59) for its pending application for Channel 20 in Sherman, TX.

### II. ENGINEERING DISCUSSION

The applicant originally applied for a construction permit for channel 20 in Sherman, TX. The applicant is precluded from going on channel 20 due to interference to Sherman DTV 20 as outlined in Exhibit RM-1.

The applicant proposes the City center co-ordinates.

North Latitude: 33° 38' 08"

West Longitude: 96° 36' 31"

It is proposed to amend Section 73.606(b) of the Commission's rules, NTSC Table of Allotments, to allot Channel 59 (740-746 MHz) for the NTSC television operation. As demonstrated below, the proposed Channel 59 NTSC operation at Sherman, TX **will not cause any harmful interference to any other analog NTSC or DTV station or allotments exceeding the Commission's guidelines, and** would provide additional service to a population of 3,702,453 people.

### Analog NTSC TV Allocation Situation

The attached Exhibit RM-2 demonstrates that Channel 59, Sherman, TX, **is free of any short-spacings to any other NTSC stations.**

### DTV Allocation Situation

**There are no digital stations within the required 429 kilometer study distance** that require study to determine whether or not they would cause or receive interference from the proposed channel 59 in Sherman, TX as outlined in exhibit RM-3.

### III. Class A

**There are no Class A LPTV requiring protection from this proposed Channel 59 as outlined in RM-4.**

### IV. Summary

The applicant must change channel from Channel 20 in Sherman, TX to channel 59 in order to avoid interference to digital television. On channel 59, Sherman is clear of all short-spacing to digital and NTSC stations and will not cause any interference to any digital or NTSC station.

EXHIBIT RM-1

Study Location:  
Sherman, TX Channel 20

NTSC Study Station, Transmitter Coordinates: 33-38-8 N 96-36-31 W

Study distance: 429 km

\*\*\*NTSC TO DTV STUDY RESULTS\*\*\*

City of License	ST	Chan	Bearing	Distance	Req. Dist	Diff.
Dallas	TX	35	196.49	121.51	96.60	24.91
Fort Worth	TX	18	196.19	120.81	96.60	24.21
Fort Worth	TX	19	195.35	121.55	88.50	33.05
Garland	TX	24	185.14	81.78	96.60	-14.82
Sherman	TX	20	338.09	47.49	244.60	-197.11
Sweetwater	TX	20	247.48	353.84	244.60	109.24
Waco	TX	20	192.54	241.63	244.60	-2.97

Station is short-spaced to 3 stations.

EXHIBIT RM-2

\*\*\*\*\* TV CHANNEL SPACING STUDY \*\*\*\*\*

Job title: Sherman, TX  
Channel: 59  
Database file name: tv000117.edx

Latitude: 33 38 8  
Longitude: 96 36 31

CH	Call	Record No.	City	ST	Z	STS	Bear.	Dist.	Reqd. Dist.	Result
45	KDTX-D	7019	DALLAS	TX	2	A	196.2	120.9	95.7	25.2
58o	KDTXTV	7026	DALLAS	TX	2	L	196.2	120.8	87.7	33.1
58o	KDTXTV	7027	DALLAS	TX	2	A	196.2	120.9	87.7	33.2
66o	LANDMB	7030	DALLAS	TX	0	A	190.4	95.8	95.7	.1
54	KLDT-D	7041	LAKE DALLAS	TX	2	A	206.5	78.1	31.4	46.7
55o	KLDT	7042	LAKE DALLAS	TX	2	C	206.5	78.1	31.4	46.7
52-	KFWD	7406	FORT WORTH	TX	2	L	212.1	115.9	95.7	20.2

\*\*\*\*\* End of channel 59 study \*\*\*\*\*

EXHIBIT RM-3

Study Location:  
Sherman, TX, \_\_\_ Channel 59

NTSC Study Station, Transmitter Coordinates: 33-38-8 N 96-36-31 W

Study distance: 429 km

\*\*\*NTSC TO DTV STUDY RESULTS\*\*\*

City of License	ST	Chan	Bearing	Distance	Req. Dist	Diff.
Bryan	TX	59	170.93	346.16	244.60	101.56
Fort Worth	TX	51	212.08	115.88	96.60	19.28

Station is in the clear!



59	KBTX-D	6977	BRYAN	TX 3 A	170.8	346.0	306.5	39.5
	Prop F(50,10)	46	dBu 242.6 km + KBTX-D	F(50,50)	74	dBu 63.9 km =	306.5	
	Prop F(50,50)	74	dBu 78.7 km + KBTX-D	F(50,10)	46	dBu 198.8 km =	277.6	
44o	K44FO	7018	DALLAS	TX 0 C	190.9	96.6	96.1	.5
	Prop F(50,50)	80	dBu 67.0 km + K44FO	F(50,50)	74	dBu 29.2 km =	96.1	
45	KDTX-D	7019	DALLAS	TX 2 A	196.2	120.9	100.3	20.6
	Prop F(50,50)	97	dBu 38.7 km + KDTX-D	F(50,50)	74	dBu 61.6 km =	100.3	
58o	KDTXTV	7026	DALLAS	TX 2 L	196.2	120.8	166.7	-45.9
	Prop F(50,50)	79	dBu 68.8 km + KDTXTV	F(50,50)	64	dBu 97.9 km =	166.7	
	Prop F(50,50)	74	dBu 78.7 km + KDTXTV	F(50,50)	89	dBu 49.4 km =	128.1	
58o	KDTXTV	7027	DALLAS	TX 2 A	196.2	120.9	166.7	-45.9
	Prop F(50,50)	79	dBu 68.8 km + KDTXTV	F(50,50)	64	dBu 97.9 km =	166.7	
	Prop F(50,50)	74	dBu 78.7 km + KDTXTV	F(50,50)	89	dBu 49.4 km =	128.1	
60-	KATA-L	7028	MESQUITE	TX 0 L	181.4	96.8	93.9	3.0
	Prop F(50,50)	89	dBu 51.7 km + KATA-L	F(50,50)	74	dBu 33.7 km =	85.3	
	Prop F(50,50)	74	dBu 78.7 km + KATA-L	F(50,50)	89	dBu 15.1 km =	93.9	
55o	KLDT	7042	LAKE DALLAS	TX 2 C	206.5	78.1	32.0	46.1
	32 km distance separation requirement from Part 74.705(b) (5)							
44-	KTPX	7052	OKMULGEE	OK 2 L	10.1	247.9	170.1	
	Prop F(50,50)	70	dBu 87.9 km + KTPX	F(50,50)	64	dBu 82.3 km =	170.1	
44-	KWKT	7393	WACO	TX 2 L	194.8	266.1	192.4	
	Prop F(50,50)	70	dBu 87.9 km + KWKT	F(50,50)	64	dBu 104.5 km =	192.4	
60+	KGSW-L	7407	KEENE	TX 0 L	206.0	153.2	83.3	
	Prop F(50,50)	89	dBu 51.7 km + KGSW-L	F(50,50)	74	dBu 10.9 km =	62.5	
	Prop F(50,50)	74	dBu 78.7 km + KGSW-L	F(50,50)	89	dBu 4.6 km =	83.3	
44+	K44BQ	7419	ARDMORE	OK 0 L	327.7	106.1	99.3	6.8
	Prop F(50,50)	80	dBu 67.0 km + K44BQ	F(50,50)	74	dBu 32.3 km =	99.3	
60	NEW-T	7422	ARDMORE	OK 0 A	327.1	96.5	88.2	8.2
	Prop F(50,50)	89	dBu 51.7 km + NEW-T	F(50,50)	74	dBu 23.6 km =	75.3	

Prop F(50,50) 74 dBu 78.7 km + NEW-T F(50,50) 89 dBu 9.5 km = 88.2  
  
 59- KCHM-L 7467 OKLAHOMA CITY OK 0 L 338.2 207.7 266.3 -58.6  
 Prop F(50,10) 46 dBu 242.6 km + KCHM-L F(50,50) 74 dBu 23.6 km = 266.3  
 Prop F(50,50) 74 dBu 78.7 km + KCHM-L F(50,10) 46 dBu 78.1 km = 156.8  
  
 44- K44FI 7750 WICHITA FALLS TX 0 C 279.9 181.3 83.4  
 Prop F(50,50) 80 dBu 67.0 km + K44FI F(50,50) 74 dBu 16.4 km = 83.4  
  
 60+ NEW-T 7755 WICHITA FALLS TX 0 A 279.9 181.3 82.6  
 Prop F(50,50) 89 dBu 51.7 km + NEW-T F(50,50) 74 dBu 9.7 km = 61.4  
 Prop F(50,50) 74 dBu 78.7 km + NEW-T F(50,50) 89 dBu 3.9 km = 82.6  
  
 45o ALLOTM 7769 LAWTON OK 2 303.7 198.5 .0  
  
 59 K59GE 7779 WEATHERFORD OK 0 C 317.3 283.4 364.8 -81.4  
 Prop F(50,10) 29 dBu 355.5 km + K59GE F(50,50) 74 dBu 9.3 km = 364.8  
 Prop F(50,50) 74 dBu 78.7 km + K59GE F(50,10) 29 dBu 90.9 km = 169.6  
  
 59o K59FX 7990 ALBANY TX 0 L 249.3 281.7 380.8 -99.2  
 Prop F(50,10) 29 dBu 355.5 km + K59FX F(50,50) 74 dBu 25.3 km = 380.8  
 Prop F(50,50) 74 dBu 78.7 km + K59FX F(50,10) 29 dBu 165.7 km = 244.5  
  
 59 K59BI 8004 HOLLIS, ETC. OK 0 L 293.6 319.5 363.7 -44.3  
 Prop F(50,10) 29 dBu 355.5 km + K59BI F(50,50) 74 dBu 8.2 km = 363.7  
 Prop F(50,50) 74 dBu 78.7 km + K59BI F(50,10) 29 dBu 79.2 km = 158.0

\*\*\*\*\* End of channel 59 study \*\*\*\*\*