

MYL, LLC
Technical Statement
Laredo, Texas

**This proposal is for a site move of licensed LPTV station
K16NN-D Facility ID 183182.**

This proposal is a minor modification to license #0000151381. MYL, LLC proposes to relocate K16NN-D to ASR 1050013 in an effort to reduce interference caused to K17OS-D under §73.620 of The Commission's rules.

Attached are TVStudy results, both before and after the proposed modification to K16NN-D showing a reduction of interference to K17OS-D from 91.06% (31,293 people) to 52.50% (18,042 people).

MYL, LLC believes this proposal is consistent with the public interest and a better use of available spectrum.

MYL, LLC accepts any interference that is predicted to exist to the proposed facility by any licensed, authorized or previously proposed primary TV station. MYL, LLC also accepts any interference that is predicted to exist to the proposed facility by any secondary TV facility that is given preferential status by the FCC over the Applicant's herein proposed facility.

Figure 1

Interference Before Proposal

tvstudy v2.2.5 (4uoc83)
Database: localhost, Study: BLANK0000151381 #679, Model: Longley-Rice
Start: 2024.04.15 10:15:52

Study created: 2024.04.15 10:15:51

Study build station data: LMS TV 2024-04-15

Proposal: K16NN-D D16 LD LIC LAREDO, TX
File number: BLANK0000151381
Facility ID: 182183
Station data: LMS TV 2024-04-15
Record ID: 25076f917a52ec2c017a540e0b0503df
Country: U.S.

Build options:
Protect pre-transition records not on baseline channel

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
Yes	KLMV-LD	D15	LD	LIC	LAREDO, TX	BLDTL20110706ABB	15.8 km
No	KVDA	D15	DT	LIC	SAN ANTONIO, TX	BLANK0000113393	240.4
No	KVDA	D15	DT	LIC	SAN ANTONIO, TX	BLANK0000237603	240.4
No	KADT-LD	D16	LD	LIC	AUSTIN, TX	BLDTL20140926AGY	362.2
No	KXCC-LD	D16	LD	CP	CORPUS CHRISTI, TX	BLANK0000203596	200.9
No	KXCC-LD	D16	LD	LIC	CORPUS CHRISTI, TX	BLANK0000218484	200.9
No	KXCC-LD	D16	LD	LIC	CORPUS CHRISTI, TX	BLANK0000075141	176.6
No	K16LD-D	D16	LD	LIC	DEL RIO, TX	BLANK0000179366	258.7
No	K16LD-D	D16	LD	CP	DEL RIO, TX	BMJADTL20100517AAY	258.7
No	KFXV	D16	DT	LIC	HARLINGEN, TX	BLANK0000113281	214.9
No	KHCE-TV	D16	DT	LIC	SAN ANTONIO, TX	BLANK0000216413	240.1
No	DK17GL	D16	LD	APP	UVALDE, TX	BDISDTL20090630ABK	218.8
No	DK17GL	D16	LD	APP	UVALDE, TX	BMPDTL20101201ABN	218.8
No	KCRP-CD	D17	DC	LIC	CORPUS CHRISTI, TX	BLANK0000068614	200.9
No	DDKEAP-LP	D17-	LD	APP	EAGLE PASS, TX	BLANK0000004471	178.6
Yes	K17OS-D	D17	LD	LIC	LAREDO, TX	BLANK0000219862	0.3
No	KNVO	D17	DT	LIC	MCALLEN, TX	BLANK0000107949	200.2

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D16
Mask: Stringent
Latitude: 27 24 1.00 N (NAD83)
Longitude: 99 26 42.00 W
Height AMSL: 179.0 m
HAAT: 0.0 m
Peak ERP: 3.50 kW
Antenna: Omnidirectional

Elev Pattn: Generic

48.9 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	3.50 kW	36.4 m	26.6 km
45.0	3.50	-1.3	24.8
90.0	3.50	26.7	24.8
135.0	3.50	36.6	26.6
180.0	3.50	46.6	29.4
225.0	3.50	60.2	32.3
270.0	3.50	35.2	26.2
315.0	3.50	44.1	28.7

Database HAAT does not agree with computed HAAT

Database HAAT: 0 m Computed HAAT: 36 m

Distance to Canadian border: 2189.4 km

****Proposal is within coordination distance of Mexican border**

Distance to Mexican border: 4.3 km

Conditions at FCC monitoring station: Kingsville TX

Bearing: 87.9 degrees Distance: 154.1 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:

Bearing: 340.9 degrees Distance: 1510.2 km

No land mobile station failures found

Proposal is not within the Offshore Radio Service protected area

Study cell size: 1.00 km

Profile point spacing: 1.00 km

Maximum new IX to full-service and Class A: 0.50%

Maximum new IX to LPTV: 2.00%

Interference to BLDTL20110706ABB LIC scenario 1

Call	Chan	Svc	Status	City, State	File Number	Distance		
Desired:	KLMV-LD	D15	LD	LIC LAREDO, TX		BLDTL20110706ABB		
Undesireds:	K16NN-D	D16	LD	LIC LAREDO, TX		BLANK0000151381	15.8 km	
	KVDA	D15	DT	LIC SAN ANTONIO, TX		BLANK0000113393	232.2	
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX	
3741.7	248,905	3738.7	248,904	3730.8	248,904	3720.7	248,769	0.27 0.05
2581.4	386,266	2577.4	386,266	2569.3	386,266	2561.3	386,266	0.31 0.00 (in Mexico)

Undesired	Total IX	Unique IX, before			Unique IX, after	
K16NN-D D16 LD LIC	10.0	135			10.0	135
K16NN-D D16 LD LIC	8.0	0			8.0	0 (in Mexico)
KVDA D15 DT LIC	8.0	0	8.0	0	8.0	0
KVDA D15 DT LIC	8.0	0	8.0	0	8.0	0 (in Mexico)

Interference to BLDTL20110706ABB LIC scenario 2

Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KLMV-LD	D15	LD LIC	LAREDO, TX		BLDTL20110706ABB
Undesireds: K16NN-D D16 LD LIC LAREDO, TX						BLANK0000151381 15.8 km
KVDA D15 DT LIC SAN ANTONIO, TX						BLANK0000237603 232.2

Service area	Terrain-limited	IX-free, before		IX-free, after		Percent New IX	
3741.7 248,905	3738.7 248,904	3730.8	248,904	3720.7	248,769	0.27	0.05
2581.4 386,266	2577.4 386,266	2569.3	386,266	2561.3	386,266	0.31	0.00 (in Mexico)

Undesired	Total IX	Unique IX, before			Unique IX, after	
K16NN-D D16 LD LIC	10.0	135			10.0	135
K16NN-D D16 LD LIC	8.0	0			8.0	0 (in Mexico)
KVDA D15 DT LIC	8.0	0	8.0	0	8.0	0
KVDA D15 DT LIC	8.0	0	8.0	0	8.0	0 (in Mexico)

Interference to BLANK0000219862 LIC scenario 1
**IX: 91.06% interference caused

Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	K17OS-D	D17	LD LIC	LAREDO, TX		BLANK0000219862
Undesireds: K16NN-D D16 LD LIC LAREDO, TX						BLANK0000151381 0.3 km
KNVO D17 DT LIC MCALLEN, TX						BLANK0000107949 200.4

Service area	Terrain-limited	IX-free, before		IX-free, after		Percent New IX	
84.1 52,574	81.1 52,574	74.1	34,365	18.0	3,072	75.65	91.06

Undesired	Total IX	Unique IX, before			Unique IX, after	
K16NN-D D16 LD LIC	63.1	49,502			56.0	31,293
KNVO D17 DT LIC	7.0	18,209	7.0	18,209	0.0	0

Interference to proposal scenario 1
67.24% interference received

Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	K16NN-D	D16	LD LIC	LAREDO, TX		BLANK0000151381
Undesireds: KLMV-LD D15 LD LIC LAREDO, TX						BLDTL20110706ABB 15.8 km
KXCC-LD D16 LD CP CORPUS CHRISTI, TX						BLANK0000203596 200.9
K16LD-D D16 LD LIC DEL RIO, TX						BLANK0000179366 258.7
DK17GL D16 LD APP UVALDE, TX						BDISDTL20090630ABK 218.8

Service area		Terrain-limited		IX-free		Percent IX	
1284.9	245,783	1284.9	245,783	1019.5	80,523	20.65	67.24
1087.3	383,981	1080.2	383,981	791.6	340,765	26.72	11.25 (in Mexico)

Undesired		Total IX		Unique IX		Prent Unique IX	
KLMV-LD D15 LD LIC		265.4	165,260	265.4	165,260	20.65	67.24
KLMV-LD D15 LD LIC		288.6	43,216	288.6	43,216	26.72	11.25 (in Mexico)

Study created: 2024.04.15 10:22:11

Study build station data: LMS TV 2024-04-15

Proposal: K16NN-D D16 LD LIC LAREDO, TX
File number: BLANK0000151381
Facility ID: 182183
Station data: User record
Record ID: 468
Country: U.S.

Build options:
Protect pre-transition records not on baseline channel

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	KLMV-LD	D15	LD	LIC	LAREDO, TX	BLDTL20110706ABB	0.0 km
No	KVDA	D15	DT	LIC	SAN ANTONIO, TX	BLANK0000113393	232.2
No	KVDA	D15	DT	LIC	SAN ANTONIO, TX	BLANK0000237603	232.2
No	KADT-LD	D16	LD	LIC	AUSTIN, TX	BLDTL20140926AGY	353.3
No	KBTX-TV	D16	DT	LIC	BRYAN, TX	BLANK0000112137	478.0
No	KXCC-LD	D16	LD	CP	CORPUS CHRISTI, TX	BLANK0000203596	206.0
No	KXCC-LD	D16	LD	LIC	CORPUS CHRISTI, TX	BLANK0000218484	206.0
No	KXCC-LD	D16	LD	LIC	CORPUS CHRISTI, TX	BLANK0000075141	180.7
No	K16LD-D	D16	LD	LIC	DEL RIO, TX	BLANK0000179366	242.9
No	K16LD-D	D16	LD	CP	DEL RIO, TX	BMJADTL20100517AAY	242.9
No	KFXV	D16	DT	LIC	HARLINGEN, TX	BLANK0000113281	229.8
No	KSAN-TV	D16	DT	LIC	SAN ANGELO, TX	BLANK0000004868	464.0
No	KHCE-TV	D16	DT	LIC	SAN ANTONIO, TX	BLANK0000216413	232.0
No	DK17GL	D16	LD	APP	UVALDE, TX	BDISDTL20090630ABK	204.6
No	DK17GL	D16	LD	APP	UVALDE, TX	BMPDTL20101201ABN	204.6
No	KCRP-CD	D17	DC	LIC	CORPUS CHRISTI, TX	BLANK0000068614	206.0
No	DDKEAP-LP	D17-	LD	APP	EAGLE PASS, TX	BLANK0000004471	162.8
Yes	K17OS-D	D17	LD	LIC	LAREDO, TX	BLANK0000219862	15.7
No	KNVO	D17	DT	LIC	MCALLEN, TX	BLANK0000107949	215.5

Non-directional AM stations within 0.8 km:
KLAR 1300 L ND2 D LAREDO, TX BL19991228AAV
KLAR 1300 L ND2 N LAREDO, TX BL19991228AAV

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D16
Mask: Stringent
Latitude: 27 31 28.90 N (NAD83)
Longitude: 99 31 20.80 W

Height AMSL: 242.0 m
HAAT: 0.0 m
Peak ERP: 3.50 kW
Antenna: Omnidirectional
Elev Pattn: Generic

48.9 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	3.50 kW	95.6 m	37.4 km
45.0	3.50	87.2	36.3
90.0	3.50	89.2	36.5
135.0	3.50	94.9	37.3
180.0	3.50	109.2	38.8
225.0	3.50	86.0	36.1
270.0	3.50	87.9	36.4
315.0	3.50	109.1	38.8

Database HAAT does not agree with computed HAAT
Database HAAT: 0 m Computed HAAT: 95 m

Distance to Canadian border: 2183.4 km

****Proposal is within coordination distance of Mexican border**
Distance to Mexican border: 0.2 km

Conditions at FCC monitoring station: Kingsville TX
Bearing: 92.9 degrees Distance: 161.9 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 340.9 degrees Distance: 1494.6 km

No land mobile station failures found

Proposal is not within the Offshore Radio Service protected area

Study cell size: 1.00 km
Profile point spacing: 1.00 km

Maximum new IX to full-service and Class A: 0.50%
Maximum new IX to LPTV: 2.00%

Interference to BLANK0000219862 LIC scenario 1
****IX: 52.50% interference caused**

Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	K17OS-D	D17	LD	LIC LAREDO, TX	BLANK0000219862	
Undesireds:	K16NN-D	D16	LD	LIC LAREDO, TX	BLANK0000151381	15.7 km
	KNVO	D17	DT	LIC MCALLEN, TX	BLANK0000107949	200.4

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
84.1	52,574	81.1	52,574	74.1	34,365	55.1	16,323	25.61	52.50
Undesired		Total IX		Unique IX, before		Unique IX, after			
K16NN-D D16 LD LIC		26.0		36,251		19.0		18,042	
KNVO D17 DT LIC		7.0		18,209		0.0		0	

Interference to proposal scenario 1

Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	K16NN-D	D16	LD LIC	LAREDO, TX		BLANK0000151381
Undesireds:						
KLMV-LD	D15	LD LIC		LAREDO, TX		BLDTL20110706ABB 0.0 km
KXCC-LD	D16	LD CP		CORPUS CHRISTI, TX		BLANK0000203596 206.0
K16LD-D	D16	LD LIC		DEL RIO, TX		BLANK0000179366 242.9
KHCE-TV	D16	DT LIC		SAN ANTONIO, TX		BLANK0000216413 232.0
DK17GL	D16	LD APP		UVALDE, TX		BDISDTL20090630ABK 204.6

Service area		Terrain-limited		IX-free		Percent IX	
2593.6	248,695	2593.6	248,695	2571.6	248,695	0.85	0.00
1805.7	384,641	1805.7	384,641	1801.6	384,639	0.22	0.00 (in Mexico)

Undesired		Total IX		Unique IX		Prcent Unique IX	
KLMV-LD D15 LD LIC		19.0		0 19.0		0 0.73 0.00	
KLMV-LD D15 LD LIC		4.0		2 4.0		2 0.22 0.00 (in Mexico)	
KHCE-TV D16 DT LIC		3.0		0 3.0		0 0.12 0.00	