PROPOSED NEW DLPTV STATION ON CHANNEL 42
ALLOCATION STUDY AS PER THE PROVISONS OF
THE US-MEXICAN TV AGREEMENT[1]

Type: **DT** ***Zone:*** **II** ***Date:*** **03/31/2010**
Channel: **7** ***Coordinates:*** **032-40-30.23 115-22-41.14 (NAD 83)** ***Page:*** **1 of 1**
Class: **C** ***Buffer Distance:*** **355 km**

Callsign / Fac. ID	Status / ARN	Chan.	Serv.	Zone / Class	City / DA	Ant. ID	ERP(kW)	State / HAAT(m)	Latitude / Longitude	Dist.(km) / Bear.(deg)	Min.(km) / Max.(km)	Spacing(km) / Comment
		27 Z	TA	2	TIJUANA			BN	032-30-33	156.2	24	60.2
98013					N				117-01-46	263.65	96	***CLEAR***
	MEXTAB	27	TV		TIJUANA			BC	032-30-08	157.21	24	61.21
0					0	0	0		117-02-21	263.41	96	***CLEAR***
XHJK-TV	OPER	27 Z	TV	2	TIJUANA			BN	032-30-08	157.21	24	61.21
137364	BPFS				N		3091	258	117-02-21	263.41	96	***CLEAR***
		35 Z	TA	2	EL SAUZAL			BN	031-54-00	148.81	24	53.81
97082					N				116-40-01	234.94	95	***CLEAR***
	MEXTAB	38	TV		MEXICALI			BC	032-36-41	13.04	24	10.96
0					0	0	0		115-29-39	237.17	32	***CLEAR***
		38 Z	TA	2	MEXICALI			BN	032-39-00	8.84	24	15.16
98453					N				115-28-00	251.66	32	***CLEAR***
		41 Z	TA	2	EL SAUZAL			BN	031-54-00	148.81	10	60.81
97369					N				116-40-01	234.94	88	***CLEAR***
	MEXDTV	41	DT		TIJUANA			BC	32-31-37	153.62	32	65.62
0					0	0	0		117-00-15	264.27	88	***CLEAR***
NEW-DT	APP	41	DT	2	TIJUANA			BN	032-30-07	157.26	32	69.26
162046	BPFS				N		440	248	117-02-23	263.41	88	***CLEAR***
		41 -	TA	2	SONOITA			SO	031-51-52	268.52	10	180.52
96813					N				112-41-30	108.92	88	***CLEAR***
	MEXDTV	41	DT		SASABE			SO	31-28-09	385.95	32	297.95
0					0	0	0		111-32-34	109.33	88	***CLEAR***
	MEXDTV	43	DT		ENSENADA			BC	31-51-30	146.68	32	58.68
0					0	0	0		116-36-07	232.07	88	***CLEAR***
NEW-DT	APP	43	DT	2	ENSENADA			BN	031-52-23	147.82	32	59.82
162523	BPFS				N		1000	8.8	116-37-50	233.22	88	***CLEAR***
		44 Z	TA	2	SAN LUIS RIO COLORAD			SO	032-29-30	59.94	24	27.94
98778					N				114-46-36	109.75	32	***CLEAR***
	MEXTAB	44	TV		SAN LUIS RIO COLORADO			SO	032-28-20	60.2	24	28.2
0					0	0	0		114-46-57	111.87	32	***CLEAR***
		45 Z	TA	2	TIJUANA			BN	032-27-44	157.04	24	125.04
96872	BPFS				N				117-01-50	261.76	32	***CLEAR***
	MEXTAB	45	TV		TIJUANA			BC	032-27-44	157.04	24	125.04
0					0	0	0		117-01-50	261.76	32	***CLEAR***
	MEXTAB	49	TV		TECATE			BC	032-34-03	117.71	24	22.71
0					0	0	0		116-37-30	264.5	95	***CLEAR***
XHDTV-TV	GRANT	49 Z	TV	2	TECATE			BN	032-18-49	127.47	24	32.47
178674	BPFS 20080918AEY				N		3881	687	116-39-53	251.94	95	***CLEAR***
		50 Z	TA	2	SAN LUIS RIO COLORAD			SO	032-29-30	59.94	24	27.94
97146					N				114-46-36	109.75	32	***CLEAR***

[1] See US-Mexican VHF Television Agreement of April 1962 and the Memorandum of Understanding of September 1988 between the United States and Mexico regarding the assignment of low power television stations along the border of the two countries.

Callsign Fac. ID	Status ARN	Chan.	Serv.	Zone Class	City DA	Ant. ID	ERP(kW)	State HAAT(m)	Latitude Longitude	Dist.(km) Bear.(deg)	Min.(km) Max.(km)	Spacing(km) Comment
		56 Z	TA	2	EL GOLFO			BN	031-18-59	173.13	24	78.13
97492					N				114-28-28	150.36	95	***CLEAR***
		57 Z	TA	2	ENSENADA			BN	031-52-22	147.86	24	51.86
97227					N				116-37-51	233.22	96	***CLEAR***
	MEXTAB	57	TV		ENSENADA			BC	031-52-22	147.86	24	51.86
0					0	0	0		116-37-51	233.22	96	***CLEAR***
	MEXTAB	57	TV		TIJUANA			BC	032-30-05	157.27	24	61.27
0					0	0	0		117-02-23	263.38	96	***CLEAR***
		57 Z	TA	2	TIJUANA			BN	032-20-05	160.72	24	64.72
97771					N				117-02-23	256.81	96	***CLEAR***