I. Purposes

The purposes of this Memorandum of Understanding are:

1. To establish and adopt a common plan for use of frequencies within 110 kilometers of the common border and provide an equitable distribution of the available channels.

2. To create public safety mutual aid channels for use on both sides of the common border.

3. To establish technical criteria that allow each Party to regulate the use of the channels allocated to the other country on a non-interference basis.

II. Conditions of Use

1. In areas located less than 110 kilometers from the common border, the frequency bands 821-824 MHz and 866-869 MHz shall be shared by the Parties in accordance with the table in Annex A, which is an integral part of this Memorandum of Understanding. The specific sub-bands reserved for each country and the specific allotments within the shared sub-bands are set forth in the above-mentioned annexed table.

2. The following paired channels shall be available to both Parties as public safety mutual aid channels for coordination of communications between different public safety agencies or for other similar emergency communications:

Mobile	Base
821.0125 MHz calling	866.0125 MHz calling
821.5125 MHz	866.5125 MHz
822.0125 MHz	867.0125 MHz
822.5125 MHz	867.5125 MHz
823.0125 MHz	868.0125 MHz

These channels shall be subject to the sharing principles set forth in Annex B, which is an integral part of this Memorandum of Understanding.

3. Assignments made by a Party on its own primary use frequencies within 110 kilometers of the border shall be authorized subject to the Effective Radiated Power (ERP) and Antenna Height limits specified in the following table.

Antenna Height Above Mean Sea Level		ERP
Meters	Feet	Watts (maximum)
0 - 503	0 - 1650	500
504 - 609	1651 - 2000	350
610 - 762	2001 - 2500	200
763 - 914	2501 - 3000	140
915 - 1066	3001 - 3500	100
1067 - 1219	3501 - 4000	75
1220 - 1371	4001 - 4500	70
1372 - 1523	4501 - 5000	65
Above 1523	Above 5000	5

4. Certain frequencies shall be used as guard channels to prevent adjacent channel interference to stations operating on their country's primary use frequency.

5. Frequencies primarily allotted for unrestricted use of one Party may be assigned by the other Party within 110 km of the common border under the following conditions:

a. The maximum power flux density (pfd) at any point at or beyond the border does not exceed -107 dBW/m^2. (The spreading loss shall be calculated using the free space formula taking into account any antenna discrimination in the direction of the border.)

b. Both Parties shall take proper measures to eliminate any harmful interference by their licensees.

c. Each Party undertakes to grant protection to stations that have primary use of the authorized frequency.

d. Stations operating under the provisions of this paragraph shall be considered as secondary and shall not receive interference protection from stations that have primary use of the authorized frequency.

III. Entry into Force

This Memorandum of Understanding shall enter into force upon signature and may be amended by common agreement of the Parties.

IV. Termination

This Memorandum of Understanding shall terminate when the 1982 Agreement is no longer in force, or when the 1982 Agreement is amended to take into account the provisions of this Memorandum of Understanding, or when the Government of the United States of America and the Government of the United Mexican States, by common accord, agree to terminate it, or six months following notice of termination by either government.

DONE, at Chestertown, Maryland, in duplicate, this second day of July, 1991, in the English and Spanish languages, each text being equally authentic.

FOR THE FEDERAL COMMUNICATIONS COMMISSION OF THE UNITED STATES OF AMERICA:

FOR THE SECRETARIA DE COMUNICACIONES Y TRANSPORTES OF THE UNITED MEXICAN STATES:

ANNEX A

TABLE OF ALLOCATION

Bands from 821 to 824 MHz and 866 to 869 MHz

Channel	Base Frequency	Mobile Frequency	Country
601	866.0125	821.0125	Both Countries
***	866.0250	821.0250	Not Available
602	866.0375	821.0375	U.S.
603	866.0500	821.0500	U.S.
604	866.0625	821.0625	U.S.
605	866.0750	821.0750	U.S.
606	866.0875	821.0875	U.S
607	866.1000	821.1000	U.S
608	866.1125	821.1125	U.S
609	866.1250	821.1250	U.S.
610	866.1375	821.1375	U.S.
611	866.1500	821.1500	Guard Channel
612	866.1625	821.1625	MEXICO
613	866.1750	821.1750	MEXICO
614	866.1875	821.1875	MEXICO
615	866.2000	821.2000	MEXICO
616	866.2125	821.2125	MEXICO
617	866.2250	821.2250	MEXICO
618	866.2375	821.2375	MEXICO
619	866.2500	821.2500	MEXICO
620	866.2625	821.2625	MEXICO
621	866.2750	821.2750	MEXICO
622	866.2875	821.2875	MEXICO
623	866.3000	821.3000	MEXICO
624	866.3125	821.3125	MEXICO
625	866.3250	821.3250	MEXICO
626	866.3375	821.3375	MEXICO
627	866.3500	821.3500	MEXICO
628	866.3625	821.3625	MEXICO
629	866.3750	821.3750	Guard Channel
630	866.3875	821.3875	U.S.
631	866.4000	821.4000	U.S.
632	866.4125	821.4125	U.S.
633	866.4250	821.4250	U.S.
634	866.4375	821.4375	U.S.
635	866.4500	821.4500	U.S.
636	866.4625	821.4625	U.S.
637	866.4750	821.4750	U.S.
638	866.4875	821.4875	U.S.
***	866.5000	821.5000	Not Available
639	866.5125	821.5125	Both Countries
***	866.5250	821.5250	Not Available
640	866.5375	821.5375	U.S.
641	866.5500	821.5500	U.S.
642	866.5625	821.5625	U.S.

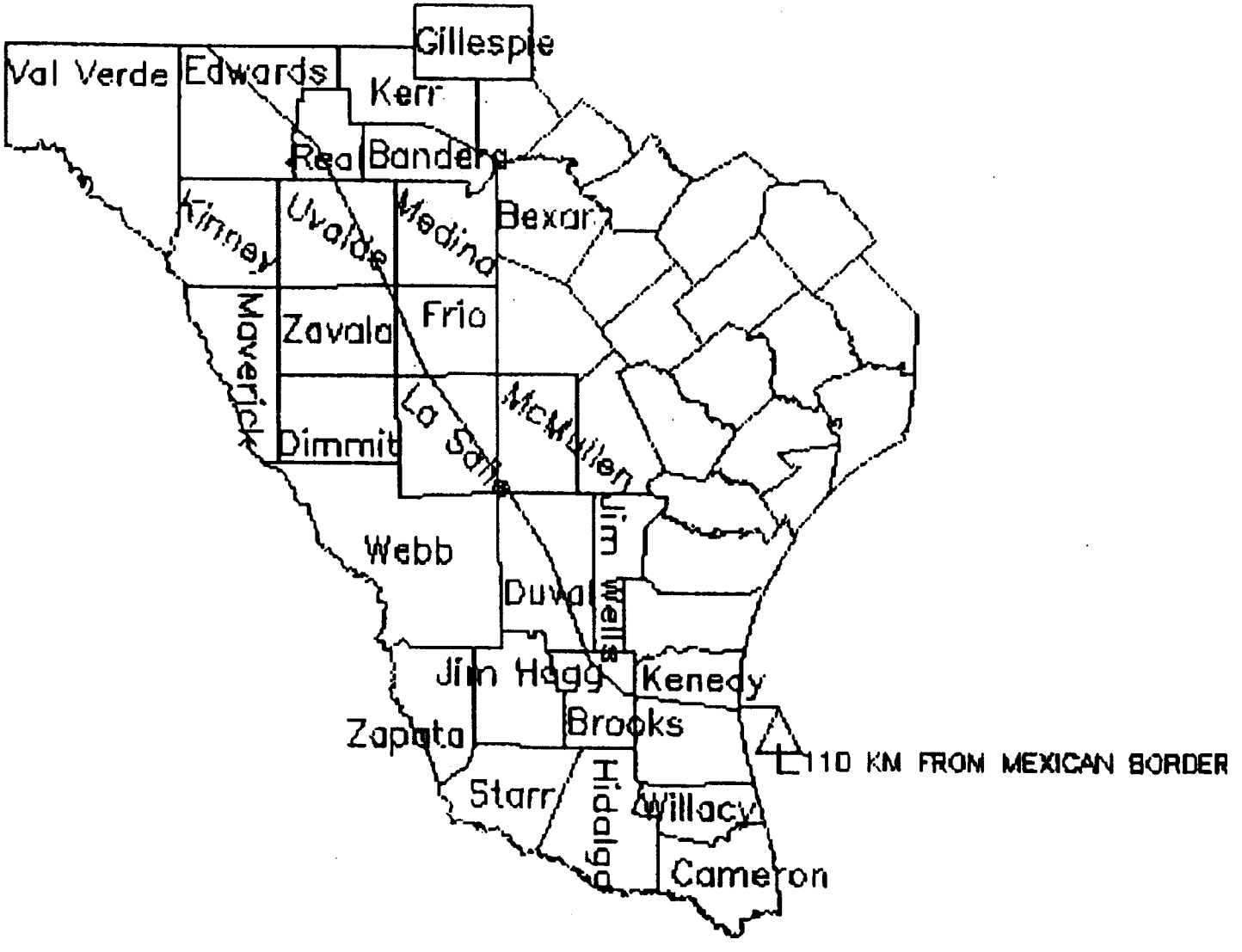
643	866.5750	821.5750	U.S.
644	866.5875	821.5875	U.S.
645	866.6000	821.6000	U.S.
646	866.6125	821.6125	U.S.
647	866.6250	821.6250	U.S.
648	866.6375	821.6375	U.S.
649	866.6500	821.6500	Guard Channel
650	866.6625	821.6625	MEXICO
651	866.6750	821.6750	MEXICO
652	866.6875	821.6875	MEXICO
653	866.7000	821.7000	MEXICO
654	866.7125	821.7125	MEXICO
655	866.7250	821.7250	MEXICO
656	866.7375	821.7375	MEXICO
657	866.7500	821.7500	MEXICO
658	866.7625	821.7625	MEXICO
659	866.7750	821.7750	MEXICO
660	866.7875	821.7875	MEXICO
661	866.8000	821.8000	MEXICO
662	866.8125	821.8125	MEXICO
663	866.8250	821.8250	MEXICO
664	866.8375	821.8375	MEXICO
665	866.8500	821.8500	MEXICO
666	866.8625	821.8625	MEXICO
667	866.8750	821.8750	Guard Channel
668	866.8875	821.8875	U.S.
669	866.9000	821.9000	U.S.
670	866.9125	821.9125	U.S.
671	866.9250	821.9250	U.S.
672	866.9375	821.9375	U.S.
673	866.9500	821.9500	U.S.
674	866.9625	821.9625	U.S.
675	866.9750	821.9750	U.S.
676	866.9875	821.9875	U.S.
***	867.0000	822.0000	Not Available
677	867.0125	822.0125	Both Countries
***	867.0250	822.0250	Not Available
678	867.0375	822.0375	U.S.
679	867.0500	822.0500	U.S.
680	867.0625	822.0625	U.S.
681	867.0750	822.0750	U.S.
682	867.0875	822.0875	U.S.
683	867.1000	822.1000	U.S.
684	867.1125	822.1125	U.S.
685	867.1250	822.1250	U.S.
686	867.1375	822.1375	U.S.
687	867.1500	822.1500	Guard Channel
688	867.1625	822.1625	MEXICO
689	867.1750	822.1750	MEXICO
690	867.1875	822.1875	MEXICO
691	867.2000	822.2000	MEXICO
692	867.2125	822.2125	MEXICO
693	867.2250	822.2250	MEXICO

694	867.2375	822.2375	MEXICO
695	867.2500	822.2500	MEXICO
696	867.2625	822.2625	MEXICO
697	867.2750	822.2750	MEXICO
698	867.2875	822.2875	MEXICO
699	867.3000	822.3000	MEXICO
700	867.3125	822.3125	MEXICO
701	867.3250	822.3250	MEXICO
702	867.3375	822.3375	MEXICO
703	867.3500	822.3500	MEXICO
704	867.3625	822.3625	MEXICO
705	867.3750	822.3750	Guard Channel
706	867.3875	822.3875	U.S.
707	867.4000	822.4000	U.S.
708	867.4125	822.4125	U.S.
709	867.4250	822.4250	U.S.
710	867.4375	822.4375	U.S.
711	867.4500	822.4500	U.S.
712	867.4625	822.4625	U.S.
713	867.4750	822.4750	U.S.
714	867.4875	822.4875	U.S.
***	867.5000	822.5000	Not Available
715	867.5125	822.5125	Both Countries
***	867.5250	822.5250	Not Available
716	867.5375	822.5375	U.S.
717	867.5500	822.5500	U.S.
718	867.5625	822.5625	U.S.
719	867.5750	822.5750	U.S.
720	867.5875	822.5875	U.S.
721	867.6000	822.6000	U.S.
722	867.6125	822.6125	U.S.
723	867.6250	822.6250	U.S.
724	867.6375	822.6375	U.S.
725	867.6500	822.6500	Guard Channel
726	867.6625	822.6625	MEXICO
727	867.6750	822.6750	MEXICO
728	867.6875	822.6875	MEXICO
729	867.7000	822.7000	MEXICO
730	867.7125	822.7125	MEXICO
731	867.7250	822.7250	MEXICO
732	867.7375	822.7375	MEXICO
733	867.7500	822.7500	MEXICO
734	867.7625	822.7625	MEXICO
735	867.7750	822.7750	MEXICO
736	867.7875	822.7875	MEXICO
737	867.8000	822.8000	MEXICO
738	867.8125	822.8125	MEXICO
739	867.8250	822.8250	MEXICO
740	867.8375	822.8375	MEXICO
741	867.8500	822.8500	MEXICO
742	867.8625	822.8625	Guard Channel
743	867.8750	822.8750	U.S.
744	867.8875	822.8875	U.S.

745	867.9000	822.9000	U.S.
746	867.9125	822.9125	U.S.
747	867.9250	822.9250	U.S.
748	867.9375	822.9375	U.S.
749	867.9500	822.9500	U.S.
750	867.9625	822.9625	U.S.
751	867.9750	822.9750	U.S.
752	867.9875	822.9875	U.S.
***	868.0000	823.0000	Not Available
753	868.0125	823.0125	Both Countries
***	868.0250	823.0250	Not Available
754	868.0375	823.0375	U.S.
755	868.0500	823.0500	U.S.
756	868.0625	823.0625	U.S.
757	868.0750	823.0750	U.S.
758	868.0875	823.0875	U.S.
759	868.1000	823.1000	U.S.
760	868.1125	823.1125	U.S.
761	868.1250	823.1250	U.S.
762	868.1375	823.1375	U.S.
763	868.1500	823.1500	Guard Channel
764	868.1625	823.1625	MEXICO
765	868.1750	823.1750	MEXICO
766	868.1875	823.1875	MEXICO
767	868.2000	823.2000	MEXICO
768	868.2125	823.2125	MEXICO
769	868.2250	823.2250	MEXICO
770	868.2375	823.2375	MEXICO
771	868.2500	823.2500	MEXICO
772	868.2625	823.2625	MEXICO
773	868.2750	823.2750	MEXICO
774	868.2875	823.2875	MEXICO
775	868.3000	823.3000	MEXICO
776	868.3125	823.3125	MEXICO
777	868.3250	823.3250	MEXICO
778	868.3375	823.3375	MEXICO
779	868.3500	823.3500	MEXICO
780	868.3625	823.3625	Guard Channel
781	868.3750	823.3750	U.S.
782	868.3875	823.3875	U.S.
783	868.4000	823.4000	U.S.
784	868.4125	823.4125	U.S.
785	868.4250	823.4250	U.S.
786	868.4375	823.4375	U.S.
787	868.4500	823.4500	U.S.
788	868.4625	823.4625	U.S.
789	868.4750	823.4750	U.S.
790	868.4875	823.4875	U.S.
791	868.5000	823.5000	U.S.
792	868.5125	823.5125	U.S.
793	868.5250	823.5250	U.S.
794	868.5375	823.5375	U.S.
795	868.5500	823.5500	U.S.

796	868.5625	823.5625	U.S.
797	868.5750	823.5750	U.S.
798	868.5875	823.5875	U.S.
799	868.6000	823.6000	U.S.
800	868.6125	823.6125	Guard Channel
801	868.6250	823.6250	MEXICO
802	868.6375	823.6375	MEXICO
803	868.6500	823.6500	MEXICO
804	868.6625	823.6625	MEXICO
805	868.6750	823.6750	MEXICO
806	868.6875	823.6875	MEXICO
807	868.7000	823.7000	MEXICO
808	868.7125	823.7125	MEXICO
809	868.7250	823.7250	MEXICO
810	868.7375	823.7375	MEXICO
811	868.7500	823.7500	MEXICO
812	868.7625	823.7625	MEXICO
813	868.7750	823.7750	MEXICO
814	868.7875	823.7875	MEXICO
815	868.8000	823.8000	MEXICO
816	868.8125	823.8125	MEXICO
817	868.8250	823.8250	MEXICO
818	868.8375	823.8375	MEXICO
819	868.8500	823.8500	MEXICO
820	868.8625	823.8625	MEXICO
821	868.8750	823.8750	MEXICO
822	868.8875	823.8875	MEXICO
823	868.9000	823.9000	MEXICO
824	868.9125	823.9125	Guard Channel
825	868.9250	823.9250	U.S.
826	868.9375	823.9375	U.S.
827	868.9500	823.9500	U.S.
828	868.9625	823.9625	U.S.
829	868.9750	823.9750	U.S.
830	868.9875	823.9875	U.S.

TEXAS REGION 53 – MEXICAN BORDER



To: Don Brooks, Region 53 Chairperson

From: Cheryl Knutson

Date: October 7, 1991

TEXAS REGION 53 - MEXICAN BORDER

TEXAS COUNTIES WITHIN 110 KM (68.4 MI) OF THE BORDER:

VAL VERDE
EDWARDS
REAL
KINNEY
UVALDE
MAVERICK
ZAVALA
FRIO
LA SALLE
DIMMIT
WEBB
DUVAL
ZAPATA
JIM HOGG
BROOKS
STARR
HIDALGO
KENEDY
WILLACY
CAMERON

THESE COUNTIES HAVE USE OF FREQUENCY BANDS 821-824 MHz AND 866-869 MHz IN ACCORDANCE WITH THE TABLE OF ALLOCATION IN ANNEX A OF THE MEMORANDUM OF UNDERSTANDING BETWEEEN THE FEDERAL COMMUNICATIONS COMMISSION OF THE UNITED STATES OF AMERICA AND THE SECRETARIA DE COMUNICACIONES Y TRANSPORTES OF THE UNITED MEXICAN STATES.

If you are in agreement with this list, I will forward the information to CET for your region's packing. Please respond by fax, (904)322-2502, so that your region's computer packing can be done.

PPENDIX D

REGION 53 DEMOGRAPHICS

REGION 53

2/05/92 DEMOGRAPHICS

NAME	COUNTY SEAT	COUNTY SIZE	1990 POPULATION	2000 PROJECTED	GROWTH CHANGE
RANSAS	ROCKPORT	528S.M.	18992	21839	.87
TASCOSA	JOURDANTON	1236S.M.	31567	36659	.87
BANDERA	BANDERA	798S.M.	10562	14837	.72
EE	BEEVILLE	880S.M.	27479	30726	.90
EXAR	SAN ANTONIO	1256S.M.	1185394	1535067	.78
BROOKS	FALFURRIAS	943S.M.	9592	10533	.91
CALHOUN	PORT LAVACA	1032S.M.	21373	25299	.85
AMERON	BROWNSVILLE	1276S.M.	286687	360555	.80
COMAL	NEW BRAUNFELS	575S.M.	54332	75215	.73
DE WITT	CUERO	910S.M.	18961	20442	.93
IMMIT	CARRIZO SPRGS	1335S.M.	11616	14197	.82
UVAL	SAN DIEGO	1796S.M.	13289	14800	.90
EDWARDS	ROCKSPRINGS	2120S.M.	2001	2234	.90
RIO	PEARSALL	1134S.M.	14582	17087	.86
ILLESPIE	FREDRICKSBURG	1062S.M.	17204	20145	.86
GOLIAD	GOLIAD	859S.M.	6084	7042	.87
GONZALES	GONZALES	1070S.M.	18821	19417	.97
UADALUPE	SEGUIN	714S.M.	64873	84576	.77
IDLAGO	EDINBURG	1583S.M.	418844	571364	.74
JACKSON	EDNA	857S.M.	13039	14082	.93
IM HOGG	HEBBONVILLE	1137S.M.	5297	5898	.90
IM WELLS	ALICE	868S.M.	39550	43235	.92
KARNES	KARNES CITY	754S.M.	12797	13636	.94
ENDALL	BOERNE	663S.M.	16881	20800	.82
ENEDY	SARITA	1946S.M.	460	442	-1.04
KERR	KERRVILLE	1108S.M.	37874	47618	.80
KINNEY	BRACKETTVILLE	1365S.M.	2672	2988	.90
LEBERG	KINGSVILLE	1090S.M.	32166	32166	1.00
A SALLE	COTULLA	1494S.M.	5254	6051	.87
LAVACA	HALLETSVILLE	970S.M.	18487	20724	.90
IVE OAK	GEORGE WEST	1079S.M.	9284	9851	.95
AVERICK	EAGLE PASS	1292S.M.	42704	58147	.74
MCMULLEN	TILDEN	1335S.M.	984	1081	.91
EDINA	HONDO	1335S.M.	27813	32569	.86
UECES	CORPUS CHRISTI	1166S.M.	309530	344767	.90
REAL	LEAKEY	700S.M.	2922	3023	.97
REFUGIO	REFUGIO	816S.M.	8570	8551	-1.01
AN PATRICIO	SINTON	707S.M.	63090	76028	.83
STARR	RIO GRANDE CITY	1229S.M.	43445	58300	.75
UVALDE	UVALDE	1559S.M.	25340	31224	.82
AL VERDE	DEL RIO	3233S.M.	42048	51266	.82
ICTORIA	VICTORIA	889S.M.	77292	88524	.88
WEBB	LAREDO	3376S.M.	139613	178628	.79
ILLACY	RAYMONDVILLE	784S.M.	19466	23022	.85
ILSON	FLORESVILLE	809S.M.	21354	26142	.82
ZAPATA	ZAPATA	1058S.M.	9444	11482	.83
ZAVALA	CRYSTAL CITY	1302S.M.	12122	14438	.84