CH CITY	CALL	TYPE STATE	AZI. <--	DIST FILE #	LAT. LNG.	Pwr(kW) HAAT(M)	COR(M) INT(km)	PRO(km) LICENSEE	*IN* (Overlap	*OUT* in km)
273B San Luis Rio Colora	XHLPSF«	OPE HN SO	188.0 8.0	50.14	32 29 30 114 47 00	3.000 -30	0 61.9	19.0	17.0R	33.1M
--- Channel 220 91.9 MHz. ---										
220B Yuma	KYRM	LIC C AZ	319.4 139.4	16.95 BLED20000403ABC	33 03 18 114 49 37	6.300 402	690 99.8	52.0 World Radio Network Inc	-132.09*<	-134.88*<
273B San Luis Rio Colora	XHLPSF«	OPE HN SO	188.0 8.0	50.14	32 29 30 114 47 00	3.000 -30	0 61.9	19.0	12.0R	38.1M
273B San Luis Rio Colora	ALLO«	SO	188.0 8.0	50.14 RM9256	32 29 30 114 47 00	50.000 -30	0 61.9	36.1	12.0R	38.1M
273B San Luis Rio Colora	XHLPSF«	OPE HN SO	188.0 8.0	50.14	32 29 30 114 47 00	3.000 -30	0 61.9	19.0	12.0R	38.1M
273B San Luis Rio Colora	ALLO«	SO	188.0 8.0	50.14	32 29 30 114 47 00	50.000 -30	0 61.9	36.1	12.0R	38.1M
273B San Luis Rio Colora	XHLPSF«	OPE HN SO	188.0 8.0	50.14	32 29 30 114 47 00	3.000 -30	0 61.9	19.0	12.0R	38.1M
---- Channel-six TV station of concern ----										
06-2C Kingman	KMOHTV	LI DHN AZ	7.6 187.6	234.34 BLCT20020627AAL	35 01 57 114 21 56	85.946 656	1377 376.1	129.4 Multimedia Holdings Corpor	To Grd B=	104.90

Somerton Preclusion Study, Max Facilities at 0 Deg
Radio Bilingue, Fresno, California

REFERENCE
32 56 21 N
114 42 31 W

Class C3 Preclusions
Current Spacings

DISPLAY DATES
DATA 10-18-03
SEARCH 11-11-03

Call	Channel		Location		Dist	Azi	FCC	Margin
--- Channel 201 88.1 MHz. ---								
KCFY.A	APP	201A	Yuma	AZ	31.17	160.9	142.0	-110.83
KCFY	LIC	201A	Yuma	AZ	35.80	157.1	142.0	-106.20
AP201	APP	201A	Calipatria	CA	77.78	285.2	142.0	-64.22
990310	APP	201B	Yucca Valley	CA	206.11	311.4	211.0	-4.89
--- Channel 202 88.3 MHz. ---								
KCFY.A	APP	201A	Yuma	AZ	31.17	160.9	89.0	-57.83
KCFY	LIC	201A	Yuma	AZ	35.80	157.1	89.0	-53.20
ALLO	---	202A	Esperanza	BN	90.90	244.6	138.0	-47.10
XHCRSF	OPE	203A	San Luis Rio Colora	SO	50.06	187.3	88.0	-37.94
ALLO	---	203A	San Luis Rio Colora	SO	50.06	187.3	88.0	-37.94
ALLO	---	203A	San Luis Rio Colora	SO	50.06	187.3	88.0	-37.94
XHCRSF	OPE	203A	San Luis Rio Colora	SO	50.06	187.3	88.0	-37.94
XHCRSF	OPE	203A	San Luis Rio Colora	SO	50.06	187.3	88.0	-37.94
ALLO	---	203A	San Luis Rio Colora	SO	50.06	187.3	88.0	-37.94
KERUFM	LIC	203A	Blythe	CA	75.25	7.9	89.0	-13.75
AP201	APP	201A	Calipatria	CA	77.78	285.2	89.0	-11.22
KAWCFM	LIC	205A	Yuma	AZ	34.52	144.4	42.0	-7.48
--- Channel 203 88.5 MHz. ---								
XHCRSF	OPE	203A	San Luis Rio Colora	SO	50.06	187.3	138.0	-87.94
ALLO	---	203A	San Luis Rio Colora	SO	50.06	187.3	138.0	-87.94
XHCRSF	OPE	203A	San Luis Rio Colora	SO	50.06	187.3	138.0	-87.94
XHCRSF	OPE	203A	San Luis Rio Colora	SO	50.06	187.3	138.0	-87.94
ALLO	---	203A	San Luis Rio Colora	SO	50.06	187.3	138.0	-87.94
ALLO	---	203A	San Luis Rio Colora	SO	50.06	187.3	138.0	-87.94
KERUFM	LIC	203A	Blythe	CA	75.25	7.9	142.0	-66.75
AP203	APP	203C1	Ajo	AZ	183.31	109.5	211.0	-27.69
KUBO	LIC	204A	Calexico	CA	75.98	258.4	89.0	-13.02
KCFY.A	APP	201A	Yuma	AZ	31.17	160.9	42.0	-10.83
KAWCFM	LIC	205A	Yuma	AZ	34.52	144.4	42.0	-7.48
KCFY	LIC	201A	Yuma	AZ	35.80	157.1	42.0	-6.20
--- Channel 204 88.7 MHz. ---								
KUBO	LIC	204A	Calexico	CA	75.98	258.4	142.0	-66.02
KAWCFM	LIC	205A	Yuma	AZ	34.52	144.4	89.0	-54.48
ALLO	---	203A	San Luis Rio Colora	SO	50.06	187.3	88.0	-37.94
ALLO	---	203A	San Luis Rio Colora	SO	50.06	187.3	88.0	-37.94
XHCRSF	OPE	203A	San Luis Rio Colora	SO	50.06	187.3	88.0	-37.94

Call		Channel	Location		Dist	Azi	FCC	Margin
ALLO	---	203A	San Luis Rio Colora	SO	50.06	187.3	88.0	-37.94
XHCRSF	OPE	203A	San Luis Rio Colora	SO	50.06	187.3	88.0	-37.94
XHCRSF	OPE	203A	San Luis Rio Colora	SO	50.06	187.3	88.0	-37.94
KERUFM	LIC	203A	Blythe	CA	75.25	7.9	89.0	-13.75
KCFY.A	APP	201A	Yuma	AZ	31.17	160.9	42.0	-10.83
KCFY	LIC	201A	Yuma	AZ	35.80	157.1	42.0	-6.20

--- Channel 205 88.9 MHz. ---

KAWCFM	LIC	205A	Yuma	AZ	34.52	144.4	142.0	-107.48
AP205	APP-D	205C	Wickenburg	AZ	177.26	44.7	237.0	-59.74
KUBO	LIC	204A	Calexico	CA	75.98	258.4	89.0	-13.02

--- Channel 206 89.1 MHz. ---

KAWCFM	LIC	205A	Yuma	AZ	34.52	144.4	89.0	-54.48
ALLO	---	206A	Esperanza	BN	90.90	244.6	138.0	-47.10

--- Channel 207 89.3 MHz. ---

ALLO	---	208B1	San Luis Rio Colora	SO	64.31	185.6	114.0	-49.69
ALLO	---	208B1	San Luis Rio Colora	SO	64.31	185.6	114.0	-49.69
ALLO	---	208B1	San Luis Rio Colora	SO	64.31	185.6	114.0	-49.69
XHRCLF	OPE	208A	San Luis Rio Colora	SO	50.10	187.7	88.0	-37.90
XHRCLF	OPE	208A	San Luis Rio Colora	SO	50.10	187.7	88.0	-37.90
XHRCLF	OPE	208A	San Luis Rio Colora	SO	50.10	187.7	88.0	-37.90
AP207	APP-D	207C1	Ajo	AZ	183.31	109.5	211.0	-27.69
KAWCFM	LIC	205A	Yuma	AZ	34.52	144.4	42.0	-7.48
KCRI	LIC	207B1	Indio	CA	170.46	304.7	175.0	-4.54

--- Channel 208 89.5 MHz. ---

ALLO	---	208B1	San Luis Rio Colora	SO	64.31	185.6	175.0	-110.69
ALLO	---	208B1	San Luis Rio Colora	SO	64.31	185.6	175.0	-110.69
ALLO	---	208B1	San Luis Rio Colora	SO	64.31	185.6	175.0	-110.69
XHRCLF	OPE	208A	San Luis Rio Colora	SO	50.10	187.7	138.0	-87.90
XHRCLF	OPE	208A	San Luis Rio Colora	SO	50.10	187.7	138.0	-87.90
XHRCLF	OPE	208A	San Luis Rio Colora	SO	50.10	187.7	138.0	-87.90
KBAQ	LIC-D	208C	Phoenix	AZ	211.13	69.3	237.0	-25.87
KBAQ.A	APP-Z	208C	Phoenix	AZ	211.13	69.3	237.0	-25.87
KBAQ.A	APP-D	208C	Phoenix	AZ	211.13	69.3	237.0	-25.87
KAWCFM	LIC	205A	Yuma	AZ	34.52	144.4	42.0	-7.48
KPBSFM	APP	208B	San Diego	CA	210.12	263.3	211.0	-0.88
KPBSFM	LIC	208B	San Diego	CA	210.25	263.2	211.0	-0.75

--- Channel 209 89.7 MHz. ---

ALLO	---	210B	Mexicali	BN	78.79	247.4	145.0	-66.21
XHSOLF	OPE	210B	Mexicali	BN	78.79	247.4	145.0	-66.21
ALLO	---	208B1	San Luis Rio Colora	SO	64.31	185.6	114.0	-49.69
ALLO	---	208B1	San Luis Rio Colora	SO	64.31	185.6	114.0	-49.69

Call	Channel		Location		Dist	Azi	FCC	Margin
ALLO	---	208B1	San Luis Rio Colora	SO	64.31	185.6	114.0	-49.69
R---	ADD	209C	Puerto Penasco	SO	211.37	147.8	259.0	-47.63
R---	ADD	209C	Puerto Penasco	SO	211.37	147.8	259.0	-47.63
XHRCLF	OPE	208A	San Luis Rio Colora	SO	50.10	187.7	88.0	-37.90
XHRCLF	OPE	208A	San Luis Rio Colora	SO	50.10	187.7	88.0	-37.90
XHRCLF	OPE	208A	San Luis Rio Colora	SO	50.10	187.7	88.0	-37.90
--- Channel 210 89.9 MHz. ---								
ALLO	---	210B	Mexicali	BN	78.79	247.4	211.0	-132.21
XHSOLF	OPE	210B	Mexicali	BN	78.79	247.4	211.0	-132.21
--- Channel 211 90.1 MHz. ---								
XHSOLF	OPE	210B	Mexicali	BN	78.79	247.4	145.0	-66.21
ALLO	---	210B	Mexicali	BN	78.79	247.4	145.0	-66.21
ALLO	---	214B	Ciudad Morelos	BN	36.42	201.3	71.0	-34.58
ALLO	---	214C	Mexicali	BN	76.88	244.7	96.0	-19.12
XHMOEF	OPE	214C	Mexicali	BN	76.88	244.7	96.0	-19.12
KWFH	LIC	211A	Parker	AZ	139.89	16.4	142.0	-2.11
--- Channel 212 90.3 MHz. ---								
ALLO	---	214B	Ciudad Morelos	BN	36.42	201.3	71.0	-34.58
ALLO	---	212C	Tijuana	BN	227.42	258.4	259.0	-31.58
XHITZF	OPE	212C	Tijuana	BN	227.42	258.4	259.0	-31.58
XHMOEF	OPE	214C	Mexicali	BN	76.88	244.7	96.0	-19.12
ALLO	---	214C	Mexicali	BN	76.88	244.7	96.0	-19.12
--- Channel 213 90.5 MHz. ---								
ALLO	---	214C	Mexicali	BN	76.88	244.7	193.0	-116.12
XHMOEF	OPE	214C	Mexicali	BN	76.88	244.7	193.0	-116.12
ALLO	---	214B	Ciudad Morelos	BN	36.42	201.3	145.0	-108.58
--- Channel 214 90.7 MHz. ---								
ALLO	---	214C	Mexicali	BN	76.88	244.7	259.0	-182.12
XHMOEF	OPE	214C	Mexicali	BN	76.88	244.7	259.0	-182.12
ALLO	---	214B	Ciudad Morelos	BN	36.42	201.3	211.0	-174.58
--- Channel 215 90.9 MHz. ---								
ALLO	---	214C	Mexicali	BN	76.88	244.7	193.0	-116.12
XHMOEF	OPE	214C	Mexicali	BN	76.88	244.7	193.0	-116.12
ALLO	---	214B	Ciudad Morelos	BN	36.42	201.3	145.0	-108.58
R---	ADD	215C	San Vicente	BN	226.80	219.4	259.0	-32.20
R---	DEL	215C	San Vicente	BN	226.80	219.4	259.0	-32.20
--- Channel 216 91.1 MHz. ---								

Call		Channel	Location		Dist	Azi	FCC	Margin
XETRAF	OPE	216C	Tijuana	BN	221.44	258.4	259.0	-37.56
ALLO	---	216C	Tijuana	BN	221.44	258.4	259.0	-37.56
ALLO	---	214B	Ciudad Morelos	BN	36.42	201.3	71.0	-34.58
XHMOEF	OPE	214C	Mexicali	BN	76.88	244.7	96.0	-19.12
ALLO	---	214C	Mexicali	BN	76.88	244.7	96.0	-19.12

--- Channel 217 91.3 MHz. ---

ALLO	---	218B	Mexicali	BN	77.00	244.9	145.0	-68.00
XHJCFM	OPE	218B	Mexicali	BN	77.00	244.9	145.0	-68.00
KYRM	LIC	220B	Yuma	AZ	16.95	319.4	71.0	-54.05
ALLO	---	214B	Ciudad Morelos	BN	36.42	201.3	71.0	-34.58
ALLO	---	214C	Mexicali	BN	76.88	244.7	96.0	-19.12
XHMOEF	OPE	214C	Mexicali	BN	76.88	244.7	96.0	-19.12

--- Channel 218 91.5 MHz. ---

ALLO	---	218B	Mexicali	BN	77.00	244.9	211.0	-134.00
XHJCFM	OPE	218B	Mexicali	BN	77.00	244.9	211.0	-134.00
KYRM	LIC	220B	Yuma	AZ	16.95	319.4	71.0	-54.05

--- Channel 219 91.7 MHz. ---

KYRM	LIC	220B	Yuma	AZ	16.95	319.4	145.0	-128.05
XHJCFM	OPE	218B	Mexicali	BN	77.00	244.9	145.0	-68.00
ALLO	---	218B	Mexicali	BN	77.00	244.9	145.0	-68.00

--- Channel 220 91.9 MHz. ---

KYRM	LIC	220B	Yuma	AZ	16.95	319.4	211.0	-194.05
ALLO	VAC	220C	Ajo	AZ	184.08	109.5	237.0	-52.92

---- Channel-six TV station of concern ----

06-2C KMOHTV LI DHN 7.6 234.34 35 01 57 85.946 1377 129.4 To Grd B=
Kingman AZ 187.6 BLCT20020627AAL 114 21 56 656 376.1 Multimedia Holdings

CHANNEL PRECLUSION STUDY
Somerton Preclusion Study, Max Facilities at 90 Deg
Radio Bilingue, Fresno, California

REFERENCE
32 35 47 N
114 18 13 W

Class= C3, Pwr= 25 kW, HAAT= 100 M, COR= 301 M
Average Protected F(50-50)= 39.08 km
Ave. F(50-10) 40 dBu= 113.6 54 dBu= 60.2 80 dBu= 12.9 100 dBu= 4.1

DISPLAY DATES
DATA 10-18-03
SEARCH 11-11-03

CH CITY	CALL	TYPE STATE		AZI. <--	DIST FILE #	LAT. LNG.	Pwr(kW) HAAT(M)	COR(M) INT(km)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
--- Channel 201 88.1 MHz. ---											
201A Yuma	KCFY	LIC AZ	CN	282.0 102.0	24.54 BLED19920501KA	32 38 31 114 33 34	3.000 40	135 121.8	15.1 Voice Of Intl. Christn. Ev	-80.55*<	-112.40<
201A Yuma	KCFY.A	APP AZ	CN	287.3 107.3	29.05 BPED19970205IC	32 40 25 114 35 58	3.000 13	94 122.4	13.2 Voice Of Inter. Christ. Ev	-70.49*<	-106.58<
201A Calipatria	AP201	APP CA	CX	297.6 117.6	127.23 BNPED20000120AAW	33 07 12 115 30 47	3.000 8	-21 119.6	13.2 Ihr Educational Broadcasti	30.01	-5.61<
203A San Luis Rio Colora	XHCRSF	OPE SO	HN	255.4 75.4	45.92	32 29 30 114 46 36	3.000 -42	0 4.8	13.2	-0.78<	27.91
203A San Luis Rio Colora	XHCRSF	OPE SO	HN	255.4 75.4	45.92	32 29 30 114 46 36	3.000 -42	0 4.8	13.2	-0.78<	27.91
203A San Luis Rio Colora	ALLO	SO		255.4 75.4	45.92	32 29 30 114 46 36	3.000 92	134 4.8	23.3	-2.07<	17.83
203A San Luis Rio Colora	ALLO	SO		255.4 75.4	45.92	32 29 30 114 46 36	3.000 -42	0 4.8	13.2	-0.78<	27.91
203A San Luis Rio Colora	ALLO	SO		255.4 75.4	45.92 RM	32 29 30 114 46 36	3.000 -42	0 4.8	13.2	-0.78<	27.91
203A San Luis Rio Colora	XHCRSF	OPE SO	HN	255.4 75.4	45.92	32 29 30 114 46 36	3.000 -42	0 4.8	13.2	-0.78<	27.91
255B Cuervos	ALLO	BN		273.9 93.9	51.46	32 37 35 114 51 03	50.000 -33	0 67.0	36.1	17.0R	34.5M
--- Channel 202 88.3 MHz. ---											
201A Yuma	KCFY	LIC AZ	CN	282.0 102.0	24.54 BLED19920501KA	32 38 31 114 33 34	3.000 40	135 68.3	15.1 Voice Of Intl. Christn. Ev	-43.79*<	-58.91<
201A Yuma	KCFY.A	APP AZ	CN	287.3 107.3	29.05 BPED19970205IC	32 40 25 114 35 58	3.000 13	94 68.9	13.2 Voice Of Inter. Christ. Ev	-36.73*<	-53.10<
203A San Luis Rio Colora	XHCRSF	OPE SO	HN	255.4 75.4	45.92	32 29 30 114 46 36	3.000 -42	0 67.2	13.2	-27.01<	-34.47<
203A San Luis Rio Colora	XHCRSF	OPE SO	HN	255.4 75.4	45.92	32 29 30 114 46 36	3.000 -42	0 67.2	13.2	-27.01<	-34.47<
203A San Luis Rio Colora	XHCRSF	OPE SO	HN	255.4 75.4	45.92	32 29 30 114 46 36	3.000 -42	0 67.2	13.2	-27.01<	-34.47<
203A San Luis Rio Colora	ALLO	SO		255.4 75.4	45.92	32 29 30 114 46 36	3.000 92	134 67.2	23.3	-48.84<	-44.55<
203A San Luis Rio Colora	ALLO	SO		255.4 75.4	45.92	32 29 30 114 46 36	3.000 -42	0 67.2	13.2	-27.01<	-34.47<
203A San Luis Rio Colora	ALLO	SO		255.4 75.4	45.92 RM	32 29 30 114 46 36	3.000 -42	0 67.2	13.2	-27.01<	-34.47<
205A Yuma	KAWCFM	LIC AZ	CN	299.3 119.3	20.44 BLED19920330KD	32 41 10 114 29 38	3.000 -28	103 4.7	13.2 Arizona Western College	-25.03*<	2.55
202A Esperanza	ALLO	BN		269.8 89.8	120.20	32 35 10 115 35 03	3.000 -4	0 120.1	13.2	-8.22	-13.09<
255B Cuervos	ALLO	BN		273.9 93.9	51.46	32 37 35 114 51 03	50.000 -33	0 67.0	36.1	17.0R	34.5M
--- Channel 203 88.5 MHz. ---											

CH	CALL	TYPE		AZI.	DIST	LAT.	Pwr(kW)	COR(M)	PRO(km)	*IN*	*OUT*
CITY		STATE		<--	FILE #	LNG.	HAAT(M)	INT(km)	LICENSEE	(Overlap in km)	
203A	XHCRSF	OPE	HN	255.4	45.92	32 29 30	3.000	0	13.2	-82.98<	-87.97<
San Luis Rio Colora		SO		75.4		114 46 36	-42	120.7			
203A	XHCRSF	OPE	HN	255.4	45.92	32 29 30	3.000	0	13.2	-82.98<	-87.97<
San Luis Rio Colora		SO		75.4		114 46 36	-42	120.7			
203A	ALLO			255.4	45.92	32 29 30	3.000	0	13.2	-82.98<	-87.97<
San Luis Rio Colora		SO		75.4	RM	114 46 36	-42	120.7			
203A	ALLO			255.4	45.92	32 29 30	3.000	134	23.3	-95.74<	-98.05<
San Luis Rio Colora		SO		75.4		114 46 36	92	120.7			
203A	ALLO			255.4	45.92	32 29 30	3.000	0	13.2	-82.98<	-87.97<
San Luis Rio Colora		SO		75.4		114 46 36	-42	120.7			
203A	XHCRSF	OPE	HN	255.4	45.92	32 29 30	3.000	0	13.2	-82.98<	-87.97<
San Luis Rio Colora		SO		75.4		114 46 36	-42	120.7			
203C1	AP203	APP	VX	99.9	136.83	32 22 37	100.000	577	50.7	-51.28<	-30.81<
Ajo		AZ		279.9	BNPED19991214AAB	112 52 16	99	116.9	Csn International		
203A	KERUFM	LIC	CN	346.5	115.81	33 36 40	0.100	96	5.6	56.37	-5.50<
Blythe		CA		166.5	BLED19941014KA	114 35 48	5	115.7	Escuela De La Raza Unida		
205A	KAWCFM	LIC	CN	299.3	20.44	32 41 10	3.000	103	13.2	-25.03*<	2.55
Yuma		AZ		119.3	BLED19920330KD	114 29 38	-28	4.7	Arizona Western College		
201A	KCFY	LIC	CN	282.0	24.54	32 38 31	3.000	135	15.1	-22.75*<	4.51
Yuma		AZ		102.0	BLED19920501KA	114 33 34	40	4.9	Voice Of Intl. Christn. Ev		
201A	KCFY.A	APP	CN	287.3	29.05	32 40 25	3.000	94	13.2	-18.82*<	10.85
Yuma		AZ		107.3	BPED19970205IC	114 35 58	13	5.0	Voice Of Inter. Christ. Ev		

--- Channel 204 88.7 MHz. ---

205A	KAWCFM	LIC	CN	299.3	20.44	32 41 10	3.000	103	13.2	-42.95*<	-58.81<
Yuma		AZ		119.3	BLED19920330KD	114 29 38	-28	66.0	Arizona Western College		
203A	ALLO			255.4	45.92	32 29 30	3.000	134	23.3	-48.84<	-44.55<
San Luis Rio Colora		SO		75.4		114 46 36	92	67.2			
203A	ALLO			255.4	45.92	32 29 30	3.000	0	13.2	-27.01<	-34.47<
San Luis Rio Colora		SO		75.4		114 46 36	-42	67.2			
203A	XHCRSF	OPE	HN	255.4	45.92	32 29 30	3.000	0	13.2	-27.01<	-34.47<
San Luis Rio Colora		SO		75.4		114 46 36	-42	67.2			
203A	ALLO			255.4	45.92	32 29 30	3.000	0	13.2	-27.01<	-34.47<
San Luis Rio Colora		SO		75.4	RM	114 46 36	-42	67.2			
203A	XHCRSF	OPE	HN	255.4	45.92	32 29 30	3.000	0	13.2	-27.01<	-34.47<
San Luis Rio Colora		SO		75.4		114 46 36	-42	67.2			
203A	XHCRSF	OPE	HN	255.4	45.92	32 29 30	3.000	0	13.2	-27.01<	-34.47<
San Luis Rio Colora		SO		75.4		114 46 36	-42	67.2			
204A	KUBO	LIC	CN	281.7	114.73	32 47 57	3.000	66	20.4	-0.75<	-27.52<
Calexico		CA		101.7	BLED19890503KA	115 30 12	70	121.8	Radio Bilingue, Inc.		
201A	KCFY	LIC	CN	282.0	24.54	32 38 31	3.000	135	15.1	-22.75*<	4.51
Yuma		AZ		102.0	BLED19920501KA	114 33 34	40	4.9	Voice Of Intl. Christn. Ev		
201A	KCFY.A	APP	CN	287.3	29.05	32 40 25	3.000	94	13.2	-18.82*<	10.85
Yuma		AZ		107.3	BPED19970205IC	114 35 58	13	5.0	Voice Of Inter. Christ. Ev		

--- Channel 205 88.9 MHz. ---

205A	KAWCFM	LIC	CN	299.3	20.44	32 41 10	3.000	103	13.2	-76.71*<	-112.31<
Yuma		AZ		119.3	BLED19920330KD	114 29 38	-28	119.5	Arizona Western College		
205C	AP205	APP	DEX	28.1	185.31	34 03 55	15.545	1612	82.1	-40.14<	-25.94<
Wickenburg		AZ		208.1	BNPED19991110AAM	113 21 18	897	129.1	Living Proof, Inc.		
203A	XHCRSF	OPE	HN	255.4	45.92	32 29 30	3.000	0	13.2	-0.78<	27.91
San Luis Rio Colora		SO		75.4		114 46 36	-42	4.8			

CH CITY	CALL	TYPE STATE	AZI. <--	DIST FILE #	LAT. LNG.	Pwr(kW) HAAT(M)	COR(M) INT(km)	PRO(km) LICENSEE	*IN* (Overlap	*OUT* in km)
203A	ALLO		255.4	45.92	32 29 30	3.000	0	13.2	-0.78<	27.91
San Luis Rio Colora		SO	75.4	RM	114 46 36	-42	4.8			
203A	XHCRSF	OPE HN	255.4	45.92	32 29 30	3.000	0	13.2	-0.78<	27.91
San Luis Rio Colora		SO	75.4		114 46 36	-42	4.8			
203A	XHCRSF	OPE HN	255.4	45.92	32 29 30	3.000	0	13.2	-0.78<	27.91
San Luis Rio Colora		SO	75.4		114 46 36	-42	4.8			
203A	ALLO		255.4	45.92	32 29 30	3.000	0	13.2	-0.78<	27.91
San Luis Rio Colora		SO	75.4		114 46 36	-42	4.8			
203A	ALLO		255.4	45.92	32 29 30	3.000	134	23.3	-2.07<	17.83
San Luis Rio Colora		SO	75.4		114 46 36	92	4.8			
208A	XHRCLF	OPE HN	255.5	46.27	32 29 30	3.000	0	13.2	-0.41	28.26
San Luis Rio Colora		SO	75.5		114 46 50	-41	4.8			
208A	XHRCLF	OPE HN	255.5	46.27	32 29 30	3.000	0	13.2	-0.41	28.26
San Luis Rio Colora		SO	75.5		114 46 50	-41	4.8			
208A	XHRCLF	OPE HN	255.5	46.27	32 29 30	3.000	0	13.2	-0.41	28.26
San Luis Rio Colora		SO	75.5		114 46 50	-41	4.8			
--- Channel 206 89.1 MHz. ---										
205A	KAWCFM	LIC CN	299.3	20.44	32 41 10	3.000	103	13.2	-42.95*<	-58.81<
Yuma		AZ	119.3	BLED19920330KD	114 29 38	-28	66.0	Arizona Western College		
206A	ALLO		269.8	120.20	32 35 10	3.000	0	13.2	-8.22	-13.09<
Esperanza		BN	89.8		115 35 03	-4	120.1			
203A	XHCRSF	OPE HN	255.4	45.92	32 29 30	3.000	0	13.2	-0.78<	27.91
San Luis Rio Colora		SO	75.4		114 46 36	-42	4.8			
203A	ALLO		255.4	45.92	32 29 30	3.000	134	23.3	-2.07<	17.83
San Luis Rio Colora		SO	75.4		114 46 36	92	4.8			
203A	XHCRSF	OPE HN	255.4	45.92	32 29 30	3.000	0	13.2	-0.78<	27.91
San Luis Rio Colora		SO	75.4		114 46 36	-42	4.8			
203A	XHCRSF	OPE HN	255.4	45.92	32 29 30	3.000	0	13.2	-0.78<	27.91
San Luis Rio Colora		SO	75.4		114 46 36	-42	4.8			
203A	ALLO		255.4	45.92	32 29 30	3.000	0	13.2	-0.78<	27.91
San Luis Rio Colora		SO	75.4	RM	114 46 36	-42	4.8			
203A	ALLO		255.4	45.92	32 29 30	3.000	0	13.2	-0.78<	27.91
San Luis Rio Colora		SO	75.4		114 46 36	-42	4.8			
208A	XHRCLF	OPE HN	255.5	46.27	32 29 30	3.000	0	13.2	-0.41	28.26
San Luis Rio Colora		SO	75.5		114 46 50	-41	4.8			
208A	XHRCLF	OPE HN	255.5	46.27	32 29 30	3.000	0	13.2	-0.41	28.26
San Luis Rio Colora		SO	75.5		114 46 50	-41	4.8			
208A	XHRCLF	OPE HN	255.5	46.27	32 29 30	3.000	0	13.2	-0.41	28.26
San Luis Rio Colora		SO	75.5		114 46 50	-41	4.8			
260C3	ALLO	VAC	266.9	26.43	32 35 00	25.000	0	22.7	17.0R	9.4M
Somerton		AZ	86.9	RM9791	114 35 05	-86	50.7			
--- Channel 207 89.3 MHz. ---										
207C1	AP207	APP DVN	99.9	136.83	32 22 37	70.799	595	50.7	-45.96<	-30.80<
Ajo		AZ	279.9	BNPED19991027AAC	112 52 16	117	116.9	Csn International		
208B1	ALLO		239.6	51.38	32 21 44	25.000	0	26.5	-49.28<	-48.00<
San Luis Rio Colora		SO	59.6		114 46 31	-52	72.9			
208B1	ALLO		239.6	51.38	32 21 44	25.000	0	26.5	-49.28<	-48.00<
San Luis Rio Colora		SO	59.6	RM	114 46 31	-52	72.9			
208B1	ALLO		239.6	51.38	32 21 44	25.000	137	41.9	-67.63<	-63.38<
San Luis Rio Colora		SO	59.6	RM	114 46 31	85	72.9			

CH CITY	CALL	TYPE STATE	AZI. <--	DIST FILE #	LAT. LNG.	Pwr(kW) HAAT(M)	COR(M) INT(km)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
208A San Luis Rio Colora	XHRCLF	OPE HN SO	255.5 75.5	46.27	32 29 30 114 46 50	3.000 -41	0 67.1	13.2	-26.64<	-34.10<
208A San Luis Rio Colora	XHRCLF	OPE HN SO	255.5 75.5	46.27	32 29 30 114 46 50	3.000 -41	0 67.1	13.2	-26.64<	-34.10<
208A San Luis Rio Colora	XHRCLF	OPE HN SO	255.5 75.5	46.27	32 29 30 114 46 50	3.000 -41	0 67.1	13.2	-26.64<	-34.10<
205A Yuma	KAWCFM	LIC CN AZ	299.3 119.3	20.44 BLED19920330KD	32 41 10 114 29 38	3.000 -28	103 4.7	13.2 Arizona Western College	-25.03*<	2.55
260C3 Somerton	ALLO	VAC AZ	266.9 86.9	26.43 RM9791	32 35 00 114 35 05	25.000 -86	0 50.7	22.7	11.0R	15.4M

--- Channel 208 89.5 MHz. ---

208B1 San Luis Rio Colora	ALLO	SO	239.6 59.6	51.38 RM	32 21 44 114 46 31	25.000 -52	0 133.2	26.5	-120.91<	-108.31<
208B1 San Luis Rio Colora	ALLO	SO	239.6 59.6	51.38 RM	32 21 44 114 46 31	25.000 85	137 133.2	41.9	-133.95<	-123.69<
208B1 San Luis Rio Colora	ALLO	SO	239.6 59.6	51.38	32 21 44 114 46 31	25.000 -52	0 133.2	26.5	-120.91<	-108.31<
208A San Luis Rio Colora	XHRCLF	OPE HN SO	255.5 75.5	46.27	32 29 30 114 46 50	3.000 -41	0 120.6	13.2	-82.61<	-87.60<
208A San Luis Rio Colora	XHRCLF	OPE HN SO	255.5 75.5	46.27	32 29 30 114 46 50	3.000 -41	0 120.6	13.2	-82.61<	-87.60<
208A San Luis Rio Colora	XHRCLF	OPE HN SO	255.5 75.5	46.27	32 29 30 114 46 50	3.000 -41	0 120.6	13.2	-82.61<	-87.60<
208C Phoenix	KBAQ.A	APP ZCY AZ	54.9 234.9	195.16 BPED20010220ABC	33 35 33 112 34 49	30.000 771	1232 128.8	85.6 Maricopa County Community	-36.80<	-19.22<
208C Phoenix	KBAQ	LIC DCN AZ	54.9 234.9	195.16 BLED19980609KG	33 35 33 112 34 49	12.500 771	1232 128.8	76.3 Maricopa County Community	-20.37<	-9.90<
208C Phoenix	KBAQ.A	APP DC AZ	54.9 234.9	195.16 BPED20010220ABC	33 35 33 112 34 49	30.000 771	1232 128.8	85.6 Maricopa County Community	-36.80<	-19.22<
205A Yuma	KAWCFM	LIC CN AZ	299.3 119.3	20.44 BLED19920330KD	32 41 10 114 29 38	3.000 -28	103 4.7	13.2 Arizona Western College	-25.03*<	2.55

--- Channel 209 89.7 MHz. ---

209C Puerto Penasco	R---	ADD SO	152.2 332.2	159.40	31 19 25 113 31 15	100.000 -13	0 99.8	31.0	-26.73	28.59
209C Puerto Penasco	R---	ADD SO	152.2 332.2	159.40	31 19 25 113 31 15	100.000 -13	0 99.8	31.0	-26.73	28.59
208B1 San Luis Rio Colora	ALLO	SO	239.6 59.6	51.38 RM	32 21 44 114 46 31	25.000 85	137 72.9	41.9	-67.63<	-63.38<
208B1 San Luis Rio Colora	ALLO	SO	239.6 59.6	51.38	32 21 44 114 46 31	25.000 -52	0 72.9	26.5	-49.28<	-48.00<
208B1 San Luis Rio Colora	ALLO	SO	239.6 59.6	51.38 RM	32 21 44 114 46 31	25.000 -52	0 72.9	26.5	-49.28<	-48.00<
208A San Luis Rio Colora	XHRCLF	OPE HN SO	255.5 75.5	46.27	32 29 30 114 46 50	3.000 -41	0 67.1	13.2	-26.64<	-34.10<
208A San Luis Rio Colora	XHRCLF	OPE HN SO	255.5 75.5	46.27	32 29 30 114 46 50	3.000 -41	0 67.1	13.2	-26.64<	-34.10<
208A San Luis Rio Colora	XHRCLF	OPE HN SO	255.5 75.5	46.27	32 29 30 114 46 50	3.000 -41	0 67.1	13.2	-26.64<	-34.10<
210B Mexicali	XHSOLF	OPE HN BN	274.2 94.2	111.05	32 39 52 115 29 04	9.390 -11	0 86.5	24.8	25.60	-0.33<

CH CITY	CALL	TYPE STATE	AZI. <--	DIST FILE #	LAT. LNG.	Pwr(kW) HAAT(M)	COR(M) INT(km)	PRO(km) LICENSEE	*IN* (Overlap	*OUT* in km)
210B Mexicali	ALLO	BN	274.2 94.2	111.05	32 39 52 115 29 04	50.000 140	151 86.5	63.7	-30.93<	-39.20<
--- Channel 210 89.9 MHz. ---										
210B Mexicali	XHSOLF	OPE HN BN	274.2 94.2	111.05	32 39 52 115 29 04	9.390 -11	0 153.0	24.8	-42.18<	-66.80<
210B Mexicali	ALLO	BN	274.2 94.2	111.05	32 39 52 115 29 04	50.000 140	151 153.0	63.7	-104.01<	-105.66<
208A San Luis Rio Colora	XHRCLF	OPE HN SO	255.5 75.5	46.27	32 29 30 114 46 50	3.000 -41	0 4.8	13.2	-0.41	28.26
208A San Luis Rio Colora	XHRCLF	OPE HN SO	255.5 75.5	46.27	32 29 30 114 46 50	3.000 -41	0 4.8	13.2	-0.41	28.26
208A San Luis Rio Colora	XHRCLF	OPE HN SO	255.5 75.5	46.27	32 29 30 114 46 50	3.000 -41	0 4.8	13.2	-0.41	28.26
--- Channel 211 90.1 MHz. ---										
211B Sonoita	ALLO	SO	117.8 297.8	172.25 RM9414	31 51 52 112 41 30	50.000 201	669 140.5	70.6	-39.10<	-38.90<
210B Mexicali	XHSOLF	OPE HN BN	274.2 94.2	111.05	32 39 52 115 29 04	9.390 -11	0 86.5	24.8	25.60	-0.33<
210B Mexicali	ALLO	BN	274.2 94.2	111.05	32 39 52 115 29 04	50.000 140	151 86.5	63.7	-30.93<	-39.20<
214B Ciudad Morelos	ALLO	BN	274.7 94.7	51.44	32 38 00 114 51 00	50.000 157	190 6.9	65.9	-1.99	-21.36*<
208A San Luis Rio Colora	XHRCLF	OPE HN SO	255.5 75.5	46.27	32 29 30 114 46 50	3.000 -41	0 4.8	13.2	-0.41	28.26
208A San Luis Rio Colora	XHRCLF	OPE HN SO	255.5 75.5	46.27	32 29 30 114 46 50	3.000 -41	0 4.8	13.2	-0.41	28.26
208A San Luis Rio Colora	XHRCLF	OPE HN SO	255.5 75.5	46.27	32 29 30 114 46 50	3.000 -41	0 4.8	13.2	-0.41	28.26
265A Yuma	KYJT	LIC CN AZ	282.0 102.0	24.54 BLH19860915KA	32 38 31 114 33 34	3.000 47	142 51.6	16.6 Capstar Tx Limited Partner	12.0R	12.5M
--- Channel 212 90.3 MHz. ---										
214B Ciudad Morelos	ALLO	BN	274.7 94.7	51.44	32 38 00 114 51 00	50.000 157	190 6.9	65.9	-1.99	-21.36*<
265A Yuma	KYJT	LIC CN AZ	282.0 102.0	24.54 BLH19860915KA	32 38 31 114 33 34	3.000 47	142 51.6	16.6 Capstar Tx Limited Partner	17.0R	7.5M
--- Channel 213 90.5 MHz. ---										
214B Ciudad Morelos	ALLO	BN	274.7 94.7	51.44	32 38 00 114 51 00	50.000 157	190 86.7	65.9	-92.98<	-101.18*<
214C Mexicali	XHMOEF	OPE HN BN	273.0 93.0	107.69	32 38 30 115 27 00	100.000 104	119 66.8	51.7	-41.18<	-10.85<
214C Mexicali	ALLO	BN	273.0 93.0	107.69 RM	32 38 30 115 27 00	100.000 -15	0 66.8	31.0	-26.92	9.88
--- Channel 214 90.7 MHz. ---										
214B Ciudad Morelos	ALLO	BN	274.7 94.7	51.44	32 38 00 114 51 00	50.000 157	190 153.2	65.9	-166.21<	-167.68*<
214C Mexicali	ALLO	BN	273.0 93.0	107.69 RM	32 38 30 115 27 00	100.000 -15	0 120.3	31.0	-100.30<	-43.62<

CH CALL CITY	TYPE STATE		AZI. <--	DIST FILE #	LAT. LNG.	Pwr(kW) HAAT(M)	COR(M) INT(km)	PRO(km) LICENSEE	*IN* (Overlap	*OUT* in km)
214C XHMOEF Mexicali	OPE BN	HN	273.0 93.0	107.69	32 38 30 115 27 00	100.000 104	119 120.3	51.7	-118.06<	-64.35<
--- Channel 215 90.9 MHz. ---										
214B ALLO Ciudad Morelos	BN		274.7 94.7	51.44	32 38 00 114 51 00	50.000 157	190 86.7	65.9	-92.98<	-101.18*<
214C ALLO Mexicali	BN		273.0 93.0	107.69 RM	32 38 30 115 27 00	100.000 -15	0 66.8	31.0	-26.92	9.88
214C XHMOEF Mexicali	OPE BN	HN	273.0 93.0	107.69	32 38 30 115 27 00	100.000 104	119 66.8	51.7	-41.18<	-10.85<
--- Channel 216 91.1 MHz. ---										
214B ALLO Ciudad Morelos	BN		274.7 94.7	51.44	32 38 00 114 51 00	50.000 157	190 6.9	65.9	-1.99	-21.36*<
--- Channel 217 91.3 MHz. ---										
218B XHJCFM Mexicali	OPE BN	HN	273.1 93.1	107.93	32 38 37 115 27 09	14.700 44	58 86.4	32.5	6.49	-11.04<
218B ALLO Mexicali	BN		273.1 93.1	107.93 RM	32 38 37 115 27 09	50.000 -14	0 86.4	36.1	-11.60	-14.62<
214B ALLO Ciudad Morelos	BN		274.7 94.7	51.44	32 38 00 114 51 00	50.000 157	190 6.9	65.9	-1.99	-21.36*<
--- Channel 218 91.5 MHz. ---										
218B XHJCFM Mexicali	OPE BN	HN	273.1 93.1	107.93	32 38 37 115 27 09	14.700 44	58 152.9	32.5	-59.22<	-77.49<
218B ALLO Mexicali	BN		273.1 93.1	107.93 RM	32 38 37 115 27 09	50.000 -14	0 152.9	36.1	-83.41<	-81.07<
218C KJZZ Phoenix	LIC AZ	CY	68.0 248.0	224.69 BLED19890728KA	33 19 58 112 03 53	100.000 445	856 127.0	83.0 Maricopa County Comm. Coll	-11.85<	14.62
--- Channel 219 91.7 MHz. ---										
220B KYRM Yuma	LIC AZ	C	316.3 136.3	70.63 BLED20000403ABC	33 03 18 114 49 37	6.300 397	690 66.2	51.7 World Radio Network Inc	-50.65<	-47.35<
218B XHJCFM Mexicali	OPE BN	HN	273.1 93.1	107.93	32 38 37 115 27 09	14.700 44	58 86.4	32.5	6.49	-11.04<
218B ALLO Mexicali	BN		273.1 93.1	107.93 RM	32 38 37 115 27 09	50.000 -14	0 86.4	36.1	-11.60	-14.62<
273B ALLO« San Luis Rio Colora	SO		255.6 75.6	46.53 RM9256	32 29 30 114 47 00	50.000 -40	0 67.1	36.1	17.0R	29.5M
273B XHLPSF« San Luis Rio Colora	OPE SO	HN	255.6 75.6	46.53	32 29 30 114 47 00	3.000 -40	0 67.1	19.0	17.0R	29.5M
273B XHLPSF« San Luis Rio Colora	OPE SO	HN	255.6 75.6	46.53	32 29 30 114 47 00	3.000 -40	0 67.1	19.0	17.0R	29.5M
273B ALLO« San Luis Rio Colora	SO		255.6 75.6	46.53	32 29 30 114 47 00	50.000 -40	0 67.1	36.1	17.0R	29.5M
273B XHLPSF« San Luis Rio Colora	OPE SO	HN	255.6 75.6	46.53	32 29 30 114 47 00	3.000 -40	0 67.1	19.0	17.0R	29.5M
--- Channel 220 91.9 MHz. ---										
220B KYRM Yuma	LIC AZ	C	316.3 136.3	70.63 BLED20000403ABC	33 03 18 114 49 37	6.300 397	690 119.7	51.7 World Radio Network Inc	-99.25<	-100.85<

CH CITY	CALL	TYPE STATE	AZI. <--	DIST FILE #	LAT. LNG.	Pwr(kW) HAAT(M)	COR(M) INT(km)	PRO(km) LICENSEE	*IN* (Overlap	*OUT* in km)
220C Ajo	ALLO	VAC AZ	100.0 280.0	137.58	32 22 27 112 51 49	100.000 -494	0 116.9	31.0	-34.97<	-10.29<
273B San Luis Rio Colora	ALLO«	SO	255.6 75.6	46.53	32 29 30 114 47 00	50.000 -40	0 67.1	36.1	17.0R	29.5M
273B San Luis Rio Colora	XHLPSF«	OPE HN SO	255.6 75.6	46.53	32 29 30 114 47 00	3.000 -40	0 67.1	19.0	17.0R	29.5M
273B San Luis Rio Colora	XHLPSF«	OPE HN SO	255.6 75.6	46.53	32 29 30 114 47 00	3.000 -40	0 67.1	19.0	17.0R	29.5M
273B San Luis Rio Colora	XHLPSF«	OPE HN SO	255.6 75.6	46.53	32 29 30 114 47 00	3.000 -40	0 67.1	19.0	17.0R	29.5M
273B San Luis Rio Colora	ALLO«	SO	255.6 75.6	46.53 RM9256	32 29 30 114 47 00	50.000 -40	0 67.1	36.1	17.0R	29.5M

---- Channel-six TV station of concern ----

06-2C Kingman	KMOHTV	LI DHN AZ	358.8 178.8	270.26 BLCT20020627AAL	35 01 57 114 21 56	91.159 491	1377 379.7	118.4 Multimedia Holdings Corpor	To Grd B=	151.83

Somerton Preclusion Study, Max Facilities at 90 Deg
Radio Bilingue, Fresno, California

REFERENCE
32 35 47 N
114 18 13 W

Class C3 Preclusions
Current Spacings

DISPLAY DATES
DATA 10-18-03
SEARCH 11-11-03

Call		Channel	Location		Dist	Azi	FCC	Margin
--- Channel 201 88.1 MHz. ---								
KCFY	LIC	201A	Yuma	AZ	24.54	282.0	142.0	-117.46
KCFY.A	APP	201A	Yuma	AZ	29.05	287.3	142.0	-112.95
AP201	APP	201A	Calipatria	CA	127.23	297.6	142.0	-14.77
XHCRSF	OPE	203A	San Luis Rio Colora	SO	45.92	255.4	48.0	-2.08
XHCRSF	OPE	203A	San Luis Rio Colora	SO	45.92	255.4	48.0	-2.08
ALLO	---	203A	San Luis Rio Colora	SO	45.92	255.4	48.0	-2.08
ALLO	---	203A	San Luis Rio Colora	SO	45.92	255.4	48.0	-2.08
ALLO	---	203A	San Luis Rio Colora	SO	45.92	255.4	48.0	-2.08
XHCRSF	OPE	203A	San Luis Rio Colora	SO	45.92	255.4	48.0	-2.08
--- Channel 202 88.3 MHz. ---								
KCFY	LIC	201A	Yuma	AZ	24.54	282.0	89.0	-64.46
KCFY.A	APP	201A	Yuma	AZ	29.05	287.3	89.0	-59.95
XHCRSF	OPE	203A	San Luis Rio Colora	SO	45.92	255.4	88.0	-42.08
XHCRSF	OPE	203A	San Luis Rio Colora	SO	45.92	255.4	88.0	-42.08
XHCRSF	OPE	203A	San Luis Rio Colora	SO	45.92	255.4	88.0	-42.08
ALLO	---	203A	San Luis Rio Colora	SO	45.92	255.4	88.0	-42.08
ALLO	---	203A	San Luis Rio Colora	SO	45.92	255.4	88.0	-42.08
ALLO	---	203A	San Luis Rio Colora	SO	45.92	255.4	88.0	-42.08
ALLO	---	202B	San Felipe	BN	181.10	196.0	211.0	-29.90
KAWCFM	LIC	205A	Yuma	AZ	20.44	299.3	42.0	-21.56
ALLO	---	202A	Esperanza	BN	120.20	269.8	138.0	-17.80
AP203	APP	203C1	Ajo	AZ	136.83	99.9	144.0	-7.17
--- Channel 203 88.5 MHz. ---								
XHCRSF	OPE	203A	San Luis Rio Colora	SO	45.92	255.4	138.0	-92.08
XHCRSF	OPE	203A	San Luis Rio Colora	SO	45.92	255.4	138.0	-92.08
ALLO	---	203A	San Luis Rio Colora	SO	45.92	255.4	138.0	-92.08
ALLO	---	203A	San Luis Rio Colora	SO	45.92	255.4	138.0	-92.08
ALLO	---	203A	San Luis Rio Colora	SO	45.92	255.4	138.0	-92.08
XHCRSF	OPE	203A	San Luis Rio Colora	SO	45.92	255.4	138.0	-92.08
AP203	APP	203C1	Ajo	AZ	136.83	99.9	211.0	-74.17
KERUFM	LIC	203A	Blythe	CA	115.81	346.5	142.0	-26.19
KAWCFM	LIC	205A	Yuma	AZ	20.44	299.3	42.0	-21.56
KCFY	LIC	201A	Yuma	AZ	24.54	282.0	42.0	-17.46
KCFY.A	APP	201A	Yuma	AZ	29.05	287.3	42.0	-12.95
--- Channel 204 88.7 MHz. ---								
KAWCFM	LIC	205A	Yuma	AZ	20.44	299.3	89.0	-68.56

Call		Channel	Location		Dist	Azi	FCC	Margin
ALLO	---	203A	San Luis Rio Colora	SO	45.92	255.4	88.0	-42.08
ALLO	---	203A	San Luis Rio Colora	SO	45.92	255.4	88.0	-42.08
XHCRSF	OPE	203A	San Luis Rio Colora	SO	45.92	255.4	88.0	-42.08
ALLO	---	203A	San Luis Rio Colora	SO	45.92	255.4	88.0	-42.08
XHCRSF	OPE	203A	San Luis Rio Colora	SO	45.92	255.4	88.0	-42.08
XHCRSF	OPE	203A	San Luis Rio Colora	SO	45.92	255.4	88.0	-42.08
KUBO	LIC	204A	Calexico	CA	114.73	281.7	142.0	-27.27
KCFY	LIC	201A	Yuma	AZ	24.54	282.0	42.0	-17.46
KCFY.A	APP	201A	Yuma	AZ	29.05	287.3	42.0	-12.95
AP203	APP	203C1	Ajo	AZ	136.83	99.9	144.0	-7.17

--- Channel 205 88.9 MHz. ---

KAWCFM	LIC	205A	Yuma	AZ	20.44	299.3	142.0	-121.56
AP205	APP-D	205C	Wickenburg	AZ	185.31	28.1	237.0	-51.69
XHCRSF	OPE	203A	San Luis Rio Colora	SO	45.92	255.4	48.0	-2.08
ALLO	---	203A	San Luis Rio Colora	SO	45.92	255.4	48.0	-2.08
XHCRSF	OPE	203A	San Luis Rio Colora	SO	45.92	255.4	48.0	-2.08
XHCRSF	OPE	203A	San Luis Rio Colora	SO	45.92	255.4	48.0	-2.08
ALLO	---	203A	San Luis Rio Colora	SO	45.92	255.4	48.0	-2.08
ALLO	---	203A	San Luis Rio Colora	SO	45.92	255.4	48.0	-2.08
XHRCLF	OPE	208A	San Luis Rio Colora	SO	46.27	255.5	48.0	-1.73
XHRCLF	OPE	208A	San Luis Rio Colora	SO	46.27	255.5	48.0	-1.73
XHRCLF	OPE	208A	San Luis Rio Colora	SO	46.27	255.5	48.0	-1.73

--- Channel 206 89.1 MHz. ---

KAWCFM	LIC	205A	Yuma	AZ	20.44	299.3	89.0	-68.56
ALLO	---	206B	San Felipe	BN	181.10	196.0	211.0	-29.90
ALLO	---	206A	Esperanza	BN	120.20	269.8	138.0	-17.80
AP207	APP-D	207C1	Ajo	AZ	136.83	99.9	144.0	-7.17
XHCRSF	OPE	203A	San Luis Rio Colora	SO	45.92	255.4	48.0	-2.08
ALLO	---	203A	San Luis Rio Colora	SO	45.92	255.4	48.0	-2.08
XHCRSF	OPE	203A	San Luis Rio Colora	SO	45.92	255.4	48.0	-2.08
XHCRSF	OPE	203A	San Luis Rio Colora	SO	45.92	255.4	48.0	-2.08
ALLO	---	203A	San Luis Rio Colora	SO	45.92	255.4	48.0	-2.08
ALLO	---	203A	San Luis Rio Colora	SO	45.92	255.4	48.0	-2.08
XHRCLF	OPE	208A	San Luis Rio Colora	SO	46.27	255.5	48.0	-1.73
XHRCLF	OPE	208A	San Luis Rio Colora	SO	46.27	255.5	48.0	-1.73
XHRCLF	OPE	208A	San Luis Rio Colora	SO	46.27	255.5	48.0	-1.73

--- Channel 207 89.3 MHz. ---

AP207	APP-D	207C1	Ajo	AZ	136.83	99.9	211.0	-74.17
ALLO	---	208B1	San Luis Rio Colora	SO	51.38	239.6	114.0	-62.62
ALLO	---	208B1	San Luis Rio Colora	SO	51.38	239.6	114.0	-62.62
ALLO	---	208B1	San Luis Rio Colora	SO	51.38	239.6	114.0	-62.62
XHRCLF	OPE	208A	San Luis Rio Colora	SO	46.27	255.5	88.0	-41.73
XHRCLF	OPE	208A	San Luis Rio Colora	SO	46.27	255.5	88.0	-41.73
XHRCLF	OPE	208A	San Luis Rio Colora	SO	46.27	255.5	88.0	-41.73
KAWCFM	LIC	205A	Yuma	AZ	20.44	299.3	42.0	-21.56

Call	Channel		Location		Dist	Azi	FCC	Margin
--- Channel 208 89.5 MHz. ---								
ALLO	---	208B1	San Luis Rio Colora	SO	51.38	239.6	175.0	-123.62
ALLO	---	208B1	San Luis Rio Colora	SO	51.38	239.6	175.0	-123.62
ALLO	---	208B1	San Luis Rio Colora	SO	51.38	239.6	175.0	-123.62
XHRCLF	OPE	208A	San Luis Rio Colora	SO	46.27	255.5	138.0	-91.73
XHRCLF	OPE	208A	San Luis Rio Colora	SO	46.27	255.5	138.0	-91.73
XHRCLF	OPE	208A	San Luis Rio Colora	SO	46.27	255.5	138.0	-91.73
KBAQ.A	APP-Z	208C	Phoenix	AZ	195.16	54.9	237.0	-41.84
KBAQ	LIC-D	208C	Phoenix	AZ	195.16	54.9	237.0	-41.84
KBAQ.A	APP-D	208C	Phoenix	AZ	195.16	54.9	237.0	-41.84
R---	ADD	209C	Puerto Penasco	SO	159.40	152.2	193.0	-33.60
R---	ADD	209C	Puerto Penasco	SO	159.40	152.2	193.0	-33.60
KAWCFM	LIC	205A	Yuma	AZ	20.44	299.3	42.0	-21.56
AP207	APP-D	207C1	Ajo	AZ	136.83	99.9	144.0	-7.17
--- Channel 209 89.7 MHz. ---								
R---	ADD	209C	Puerto Penasco	SO	159.40	152.2	259.0	-99.60
R---	ADD	209C	Puerto Penasco	SO	159.40	152.2	259.0	-99.60
ALLO	---	208B1	San Luis Rio Colora	SO	51.38	239.6	114.0	-62.62
ALLO	---	208B1	San Luis Rio Colora	SO	51.38	239.6	114.0	-62.62
ALLO	---	208B1	San Luis Rio Colora	SO	51.38	239.6	114.0	-62.62
XHRCLF	OPE	208A	San Luis Rio Colora	SO	46.27	255.5	88.0	-41.73
XHRCLF	OPE	208A	San Luis Rio Colora	SO	46.27	255.5	88.0	-41.73
XHRCLF	OPE	208A	San Luis Rio Colora	SO	46.27	255.5	88.0	-41.73
XHSOLF	OPE	210B	Mexicali	BN	111.05	274.2	145.0	-33.95
ALLO	---	210B	Mexicali	BN	111.05	274.2	145.0	-33.95
--- Channel 210 89.9 MHz. ---								
XHSOLF	OPE	210B	Mexicali	BN	111.05	274.2	211.0	-99.95
ALLO	---	210B	Mexicali	BN	111.05	274.2	211.0	-99.95
R---	ADD	209C	Puerto Penasco	SO	159.40	152.2	193.0	-33.60
R---	ADD	209C	Puerto Penasco	SO	159.40	152.2	193.0	-33.60
XHRCLF	OPE	208A	San Luis Rio Colora	SO	46.27	255.5	48.0	-1.73
XHRCLF	OPE	208A	San Luis Rio Colora	SO	46.27	255.5	48.0	-1.73
XHRCLF	OPE	208A	San Luis Rio Colora	SO	46.27	255.5	48.0	-1.73
--- Channel 211 90.1 MHz. ---								
ALLO	---	211B	Sonoita	SO	172.25	117.8	211.0	-38.75
XHSOLF	OPE	210B	Mexicali	BN	111.05	274.2	145.0	-33.95
ALLO	---	210B	Mexicali	BN	111.05	274.2	145.0	-33.95
ALLO	---	214B	Ciudad Morelos	BN	51.44	274.7	71.0	-19.56
XHRCLF	OPE	208A	San Luis Rio Colora	SO	46.27	255.5	48.0	-1.73
XHRCLF	OPE	208A	San Luis Rio Colora	SO	46.27	255.5	48.0	-1.73
XHRCLF	OPE	208A	San Luis Rio Colora	SO	46.27	255.5	48.0	-1.73
--- Channel 212 90.3 MHz. ---								

Call		Channel	Location		Dist	Azi	FCC	Margin
ALLO	---	214B	Ciudad Morelos	BN	51.44	274.7	71.0	-19.56

--- Channel 213 90.5 MHz. ---

ALLO	---	214B	Ciudad Morelos	BN	51.44	274.7	145.0	-93.56
XHMOEF	OPE	214C	Mexicali	BN	107.69	273.0	193.0	-85.31
ALLO	---	214C	Mexicali	BN	107.69	273.0	193.0	-85.31

--- Channel 214 90.7 MHz. ---

ALLO	---	214B	Ciudad Morelos	BN	51.44	274.7	211.0	-159.56
ALLO	---	214C	Mexicali	BN	107.69	273.0	259.0	-151.31
XHMOEF	OPE	214C	Mexicali	BN	107.69	273.0	259.0	-151.31

--- Channel 215 90.9 MHz. ---

ALLO	---	214B	Ciudad Morelos	BN	51.44	274.7	145.0	-93.56
ALLO	---	214C	Mexicali	BN	107.69	273.0	193.0	-85.31
XHMOEF	OPE	214C	Mexicali	BN	107.69	273.0	193.0	-85.31
R---	ADD	215C	San Vicente	BN	228.05	233.2	259.0	-30.95
R---	DEL	215C	San Vicente	BN	228.05	233.2	259.0	-30.95

--- Channel 216 91.1 MHz. ---

ALLO	---	214B	Ciudad Morelos	BN	51.44	274.7	71.0	-19.56
ALLO	---	216C	Tijuana	BN	255.04	268.8	259.0	-3.96
XETRAF	OPE	216C	Tijuana	BN	255.04	268.8	259.0	-3.96

--- Channel 217 91.3 MHz. ---

XHJCFM	OPE	218B	Mexicali	BN	107.93	273.1	145.0	-37.07
ALLO	---	218B	Mexicali	BN	107.93	273.1	145.0	-37.07
ALLO	---	214B	Ciudad Morelos	BN	51.44	274.7	71.0	-19.56
KYRM	LIC	220B	Yuma	AZ	70.63	316.3	71.0	-0.37

--- Channel 218 91.5 MHz. ---

XHJCFM	OPE	218B	Mexicali	BN	107.93	273.1	211.0	-103.07
ALLO	---	218B	Mexicali	BN	107.93	273.1	211.0	-103.07
KJZZ	LIC	218C	Phoenix	AZ	224.69	68.0	237.0	-12.31
KYRM	LIC	220B	Yuma	AZ	70.63	316.3	71.0	-0.37

--- Channel 219 91.7 MHz. ---

KYRM	LIC	220B	Yuma	AZ	70.63	316.3	145.0	-74.37
ALLO	VAC	220C	Ajo	AZ	137.58	100.0	176.0	-38.42
XHJCFM	OPE	218B	Mexicali	BN	107.93	273.1	145.0	-37.07
ALLO	---	218B	Mexicali	BN	107.93	273.1	145.0	-37.07

--- Channel 220 91.9 MHz. ---

Call	Channel	Location		Dist	Azi	FCC	Margin
KYRM	LIC 220B	Yuma	AZ	70.63	316.3	211.0	-140.37
ALLO	VAC 220C	Ajo	AZ	137.58	100.0	237.0	-99.42
KOHN.C	CP -D 220C1	Sells	AZ	208.32	103.8	211.0	-2.68

---- Channel-six TV station of concern ----

06-2C KMOHTV LI DHN 358.8 270.26 35 01 57 91.159 1377 118.4 To Grd B=
Kingman AZ 178.8 BLCT20020627AAL 114 21 56 491 379.7 Multimedia Holdings

1st and 2nd Noncommercial Educational Service Study

A search of the Commission's FM Engineering Database reveals three full service authorizations or construction permits on channels reserved for noncommercial educational use whose 60 dBμ contours overlap the 60 dBμ contour of maximum Class A facilities located at the allocation coordinates. These are the licensed facilities of KYRM, KAWC and KCFY, Yuma, Arizona.

Included in Exhibit II is a map showing the relationship of the proposed 60 dBμ contour the 60 dBμ contours of the three stations identified above.

The proposed facilities would provide service to 157,019 persons.

The proposed facilities would provide first NCE service to a population of 14,424, which represents 9.2% of the people within the proposed 60 dBμ coverage contour.

The proposed facilities would provide second NCE service to a population of 5,331, which represents 3.4% of the people within the proposed 60 dBμ coverage contour.

The populations within these contours were counted electronically by Census Block based on the relative location of the Census Block Centroid and the predicted coverage contour. Census 2000 data was used throughout. Coverage contours were predicted using a computerized implementation of the method contemplated in 47 CFR §73.313. Coverage contours were predicted and population counted using the Probe II software provided by V-Soft, Inc.

Included in Exhibit II are the population tabulations produced by Probe II.

EXHIBIT II
FIRST AND SECOND NCE SERVICE

Proposed
RM9791
Latitude: 32-35-00 N
Longitude: 114-35-05 W
ERP: 25.00 kW
Channel: 260
Frequency: 99.9 MHz
AMSL Height: 157.24 m
Elevation: 48.0 m
Horiz. Pattern: Omni
Vert. Pattern: No
Prop Model: None

- Proposed
- KYRM
- KAWCFM
- KCFY

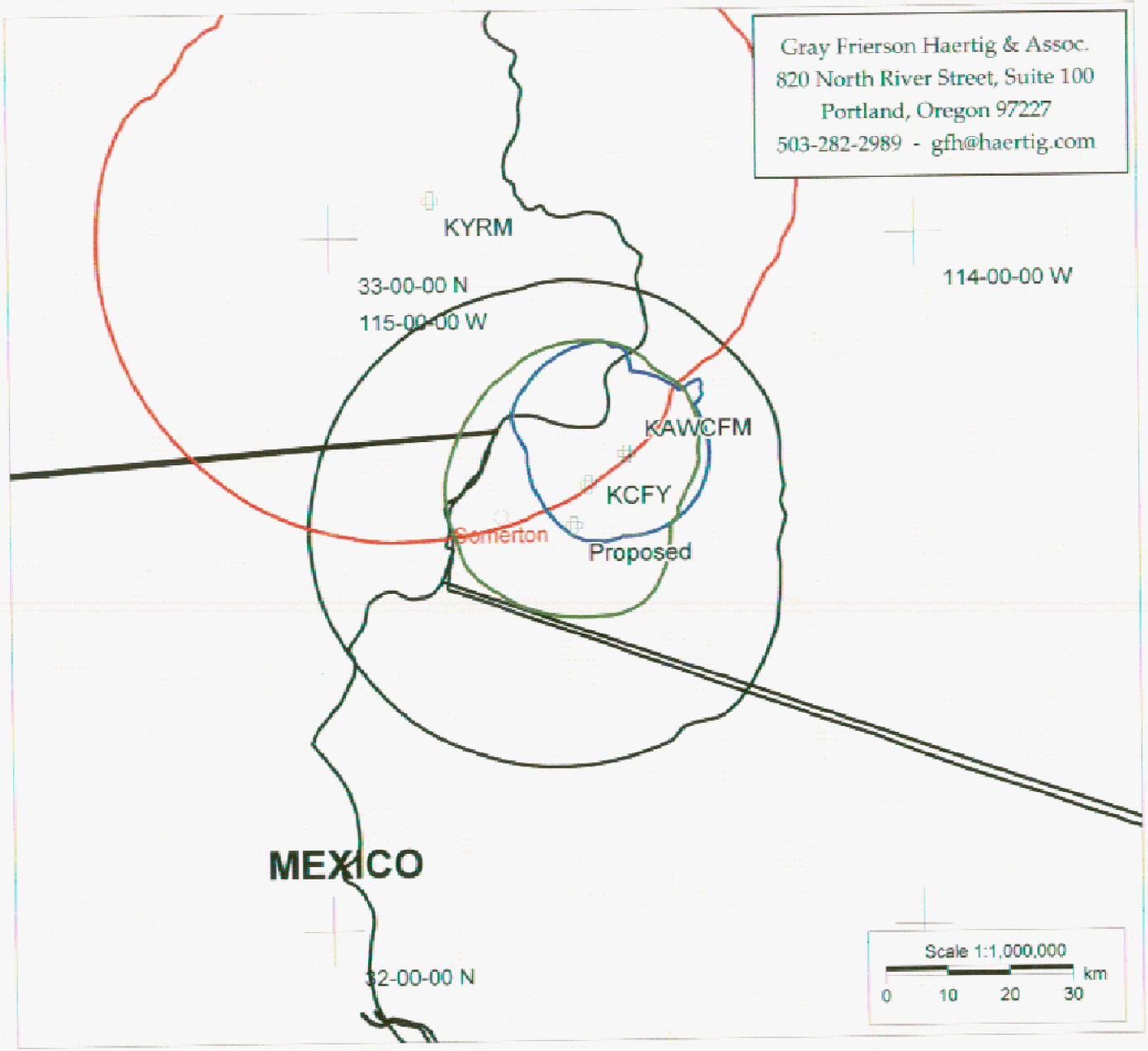
60 dBu Service Populations

Proposed = 157,019

1st NCE Service = 14,424
% Total = 9.2%

2nd NCE Service = 5331
% Total = 3.4%

Census 2000 Data



Gray Frierson Haertig & Assoc.
820 North River Street, Suite 100
Portland, Oregon 97227
503-282-2989 - gfh@haertig.com

Gray Frierson Haertig & Assoc.

Proposed

This overlap region consists of the intersection of the following contours:
Proposed: FCC F(50-50) 60.00 dBu

Population Database: 2000 US Census (PL)

Total Population Within Overlap Region: 157,019
Total Housing Units Within Overlap Region: 0
Total Area Within Overlap Region: 4738.04 sq. km

	Housing Units	Population
California		
Imperial County		
Overlap	0	3,571

White:	936
Black:	74
Hispanic:	1,201
Native American:	1,223
Asian:	12
Pacific Islander:	0
Mixed Race:	124
Other:	1

	Housing Units	Population
Arizona		
Yuma County		
Overlap	0	153,448

White:	67,452
Black:	3,021
Hispanic:	78,015
Native American:	1,759
Asian:	1,338
Pacific Islander:	128
Mixed Race:	1,605
Other:	130

Proposed: FCC F(50-50) 60.00 dBu
Transmitter Information:

Call Letters: Proposed
File Number: RM9791

Latitude: 32-35-00 N
Longitude: 114-35-05 W
ERP: 25.00 kW
Channel: 260
Frequency: 99.9 MHz
AMSL Height: 157.24 m
Elevation: 48.0 m
Horiz. Antenna Pattern: Omni
Vert. Elevation Pattern: No

Gray Frierson Haertig & Assoc.

KAWCFM

This overlap region consists of the intersection of the following contours:
KAWCFM: FCC F(50-50) 60.00 dBu

Population Database: 2000 US Census (PL)

Total Population Within Overlap Region: 119,740
Total Housing Units Within Overlap Region: 0
Total Area Within Overlap Region: 740.49 sq. km

	Housing Units	Population
Arizona		
Yuma County		
Overlap	0	116,361

White:	61,982
Black:	2,435
Hispanic:	48,033
Native American:	1,007
Asian:	1,231
Pacific Islander:	119
Mixed Race:	1,441
Other:	113

	Housing Units	Population
California		
Imperial County		
Overlap	0	3,379

White:	864
Black:	70
Hispanic:	1,097
Native American:	1,221
Asian:	11
Pacific Islander:	0
Mixed Race:	116
Other:	0

KAWCFM: FCC F(50-50) 60.00 dBu
Transmitter Information:

Call Letters: KAWCFM
File Number: BLED19920330KD

Latitude: 32-41-10 N
Longitude: 114-29-38 W
ERP: 3.00 kW
Channel: 205
Frequency: 88.9 MHz
AMSL Height: 103.0 m
Elevation: 61.61 m
Horiz. Antenna Pattern: Omni
Vert. Elevation Pattern: No

Gray Frierson Haertig & Assoc.

KCFY

This overlap region consists of the intersection of the following contours:
KCFY: FCC F(50-50) 60.00 dBu

Population Database: 2000 US Census (PL)

Total Population Within Overlap Region: 142,481
Total Housing Units Within Overlap Region: 0
Total Area Within Overlap Region: 1394.71 sq. km

	Housing Units	Population
Arizona		
Yuma County		
Overlap	0	139,024

White:	66,369
Black:	3,018
Hispanic:	64,749
Native American:	1,729
Asian:	1,321
Pacific Islander:	125
Mixed Race:	1,583
Other:	130

	Housing Units	Population
California		
Imperial County		
Overlap	0	3,457

White:	892
Black:	70
Hispanic:	1,146
Native American:	1,221
Asian:	12
Pacific Islander:	0
Mixed Race:	116
Other:	0

KCFY: FCC F(50-50) 60.00 dBu
Transmitter Information:

Call Letters: KCFY
File Number: BLED19920501KA