



REVISION "A" - JUNE 27, 1999

1. OVERVIEW

In this document, we demonstrate the need for frequency coordinators in the Low Power Radio Service. According to the REC Networks (REC) proposal, each state or region would have an FCC accredited frequency coordinator. Frequency Coordinators would perform the following functions:

- Maintain a master database of LPFM stations in the coordinator's jurisdiction as well as other LPFM stations within 100 km of the boundaries of the coordinator's jurisdiction.
- Establish an LPFM channel usage plan based on the specific needs of the coordinator's area.
- Receive requests for LPFM channels from prospective applicants.
- Use the LPFM database and the established band plan for the region to find a channel for the applicant which meets FCC interference guidelines yet provides minimal spacing in order to use spectrum more efficiently.
- Work with coordinated stations to work out short spacing agreements for stations which do not meet FCC interference guidelines but can operate without interference.
- Coordinate time sharing agreements between LPFM stations.

2. ARIZONA MICRORADIO ASSOCIATION

The Arizona Microradio Association (AZMA) was founded by Rich Eyre of REC Networks. The goal of AZMA is to become the frequency coordination council for the State of Arizona. If LPFM is legalized and the FCC accepts the policy of frequency coordinators, AZMA will then be a non-profit democratic organization. At that time, membership in AZMA will be open to all LPFM licensees. Paid membership in AZMA is not required to receive coordination services.

3. AZMA JURISTITION

AZMA will provide coordination services to the entire state of Arizona plus the areas of California and Nevada along the Colorado River.

4. THE PHOENIX MEDIA MARKET BANDPLAN

Under the REC LPFM proposal, stations within 100 km of the top 50 media markets would have a power limit of 100 watts and the 100 watt stations (which REC refers to as "A3") would be primary instead of secondary. In AZMA's band plan, we attempt to place one 100 watt station in each incorporated city within Maricopa County. Due to the limited number of available allotments in the area, some cities may not receive an allotment and some smaller cities were allotted 10 watt (D2) stations. *REC's Phoenix Plan is just a demonstration of the ability of providing the most LPFM stations while avoiding interference to full powered broadcasters.* The key frequencies in the Phoenix area for 100 watt LPFM stations is 99.1 (channel 256) and 105.1 (channel 286). Other channels are used in certain portions of the county only.

In the outlying rural areas, AZMA was able to provide a single 100 watt (A3) allotment to most communities.

5. DISTANT TRANSLATORS IN THE PHOENIX AREA

Under the REC LPFM Plan, if there are no LPFM channels available for an applicant, the LPFM applicant can request a frequency that displaces a “distant” translator. (Primary station is more than 400 km away from the translator). Under the AZMA plan for Phoenix, displacement of distant translators on 89.9 (channel 210) in Phoenix and Mesa as well as the 91.1 (channel 216) translator in Guadalupe was required. No other translators in the state were displaced under the AZMA plan.

6. LPFM IN THE TUCSON AREA

Tucson is outside the Phoenix Media Market and is eligible for LP-1000 stations. In order to promote diversity, AZMA’s Tucson plan allows for more stations to get on the air by pre-coordinating only 100 watt (D1) and 250 watt (A2) channels in the area. Some outlying areas do have 1000 watt (A1) allotments.

7. LPFM IN RURAL ARIZONA

In rural Arizona, AzMA has ranked each city, town and census designated place (CDP) and attempted to assign three channels to each community. One channel would be in the commercial (92.1-107.9) portion of the band. A second channel will be taken from the reserved (88.1-91.9) portion of the band. If no channel is available above 88.1, then AzMA will assign 87.9 (Channel 200). A third channel is then assigned as 10 watts (D2) for shared usage between high schools and other LPFM stations. Channel 198 (87.5 MHz) is assigned whenever possible. If Channel 198 is not available, then we will assign the lowest grade channel available. In some cases, we were not able to pre-assign a channel. Channels are pre-coordinated for the highest power levels possible.

8. CHANNELS FOR COMMUNITIES WITHOUT ALLOTMENTS

Upon request, AZMA will allot a community in Arizona with a new channel. The channel must meet all FCC interference guidelines and does not conflict with any rural pre-coordination in Arizona or a rural pre-coordination in another state.

9. REQUESTS FOR LOWER POWER COORDINATIONS

Even though AZMA has pre-coordinated LPFM in Arizona, in many areas there’s plenty of additional channels available. If an LPFM applicant is proposing operation at a power which is lower than the channels pre-coordinated in the applicant’s community, AZMA will pre-coordinate a different channel if another channel is available. If no other channels are available, then AZMA will coordinate the operation on an available channel with the lower power limit.

10. REQUESTS FOR A HIGHER POWER COORDINATION

If AZMA receives a request for a higher power station on a channel which is designated for lower power (for example, running 1000 watts on a 250 watt coordinated channel), AZMA will review the channel to make sure that a higher power coordination will not violate FCC interference guidelines or AZMA’s short-spacing guidelines. If the channel is suitable for higher power operation, AZMA will grant the upgraded coordination.

11. REMOVAL AND RE-USE OF UNUSED PRECOORDINATIONS

We realize that not every community may not apply for an LPFM station and therefore we have reserved channels which no one would be interested in applying for. In the event that another area needs a new channel and no channels are available due to AZMA pre-coordinations in an area without LPFM service, AZMA will attempt to move the other community's pre-coordination to another channel or completely delete the pre-coordination after giving notice to the LPFM community.

12. HIGH SCHOOL "SPLIT" CHANNELS

AZMA has pre-coordinated every public high school on an FM channel. In the Phoenix area, most high schools will operate on 87.5 (channel 198) with overflow on 87.9 (channel 200) and other channels. In the Tucson area, the primary channel for high schools is 106.9 (channel 295) with overflow on 106.7 (channel 294) and other channels. [In rural Arizona, 87.5 \(channel 198\) is assigned whenever possible. Almost every city, town or CDP has been pre-coordinated a high school channel, even if there is currently no high school in the community.](#) In order to meet the needs of high school broadcasters as well as the needs of "hobby", "community" broadcasters as well as churches who do not broadcast on a full time schedules, we will place these types of stations on the high school channels with a master timeshare agreement. High schools will operate on the channel Monday through Friday between 6AM and 5:50 PM local time. During the high school football season, high school station schedules will be extended to 11:50 PM on Friday nights. The other 10 watt licensees that operate on the split channels can operate between 6:00PM and 5:50PM local time Monday through Friday (during high school football season, non-high school station's schedules will begin at 11:00PM on Friday nights) and all day on Saturdays and Sundays. Operations during summer and holiday vacation schedules will be coordinated between the high school stations and AZMA.

13. HIGH SCHOOL STATION INTERFERENCE CRITERIA

On the high school channels, AZMA will coordinate stations to meet FCC standards which is 7 km spacing between 10 watt stations. In some cases, AZMA will recommend spacing which is shorter than the 7 km guideline. In most cases, stations spaced between 6.4 and 7 km will receive short spacing. Other short spacing arrangements will be made when the stations are blocked by natural terrain. Several Phoenix area high school stations operate under short-spacing.

14. USE OF CHANNELS 198, 199 AND 200 (87.5-87.9)

The REC plan calls for the assignment of these channels to 10 watt (D2) microstations. Our proposed interference guideline is that the channel 199 is not available within 200km of a full powered TV Channel 6 station. Channels 198 and 200 require 138km spacing. Full powered Channel 6 stations are located in Tempe and Kingman. These channels also protect LPTV stations on Channel 6 with a minimum distance of 89 km for Channel 199 and 46 km for Channels 198 and 200. Out of all of the channels, channel 198 is available in most of Arizona. Channel 199 is available in very limited areas and AZMA will not coordinate on this channel in most cases. A typical case where AZMA may coordinate Channel 199 is where a second high school between 4 and 7 km is seeking

coordination and Channel 199 is available. 10 watt operations on Channel 200 (87.9) must protect operations on Channel 201 (88.1).

15. CHANNEL SELECTION CRITERIA

Unless otherwise advised by the FCC, AZMA will use the following criteria when selecting channels. REC's proposal calls for a totally non-commercial LPFM service. AZMA will try to coordinate as many stations to the reserved (88-92) band as possible. Frequencies are assigned to the power requested. For example, if the area has two channels, 212 which is a 250 watt channel and 268 which is a 100 watt channel and the station is proposing 100 watts, AZMA will assign on 268 (even though 212 is in the reserved band). If both 212 and 268 were 250 watt channels and the applicant was requesting 100 watts, AZMA will allot Channel 212 as it is in the reserved band.

16. ASSIGNMENT OF CHANNEL 198 (87.5)

In areas where Channel 198 (87.5) is available, AZMA will assign this station exclusively to the high school weekday/split service. If no other channels are available, AZMA will coordinate a full-time 10 watt station to Channel 198.

17. TIME-SHARING ON OTHER CHANNELS

It is the expectation of AZMA that stations which propose to broadcast less than 12 hours a day would, upon request of AZMA or the FCC, go into a time share agreement with the new applicant. Stations are expected to adhere to their hours of operations. Any changes to the time share agreement should be communicated to AZMA.

18. SHORT SPACING

All coordinations are issued based on FCC interference guidelines which requires a specific distance between co-channel and first adjacent channel stations. Under REC's proposal, full power second adjacent and IF channels are protected from 250w (A2) and 1000W (A1) stations. In some situations, two LPFM stations can be separated at a distance shorter than the interference guidelines, especially where terrain shields the two stations. AZMA will review all short-spacing requests on a case by case basis and will communicate recommendations for short spacing to the FCC. AZMA will only short space LPFM stations. AZMA will never violate distance spacing guidelines between an LPFM station and a full power, channel 6, translator or booster station.

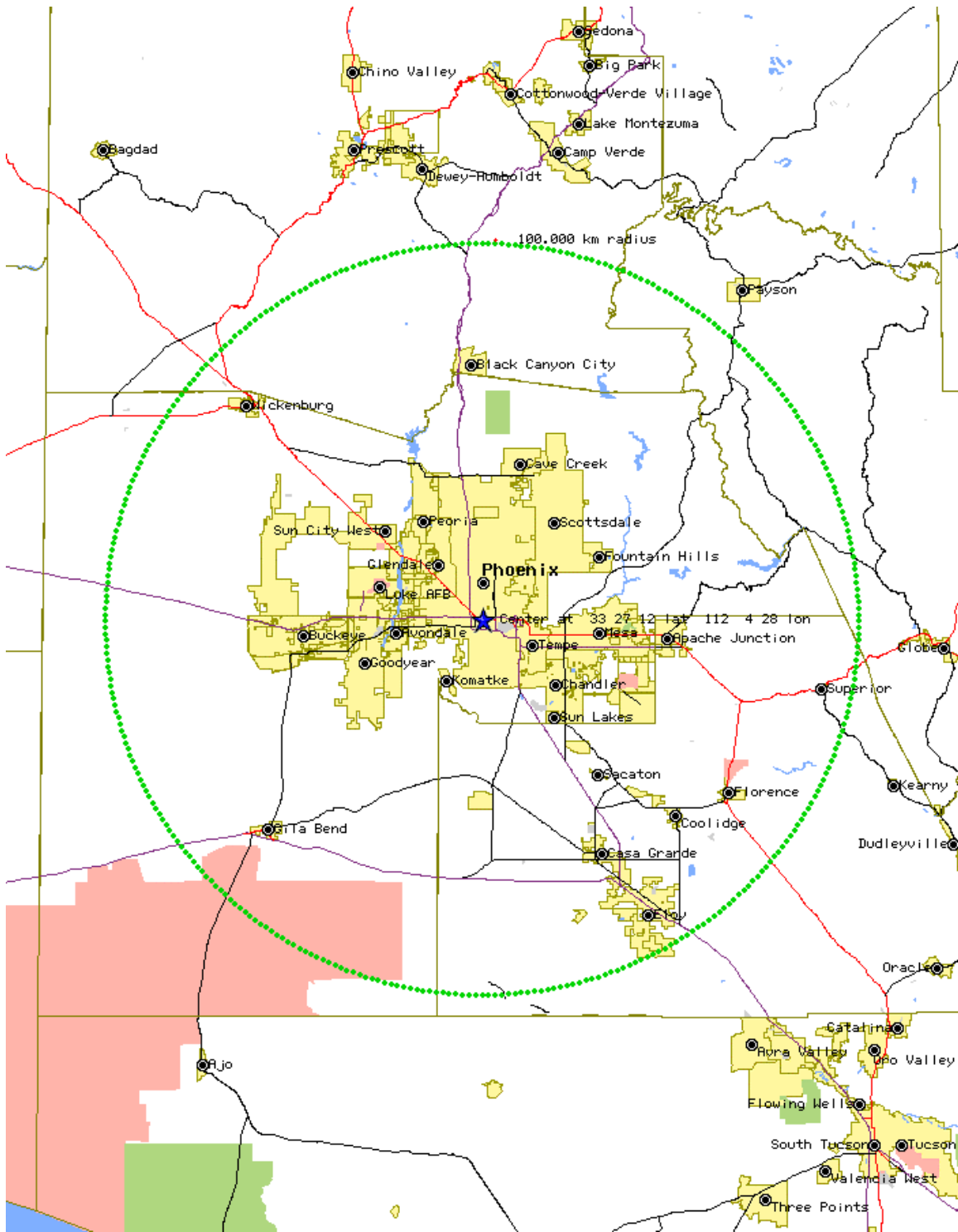
19. LOW POWER AM

In the REC proposal, 10 watt AM stations should be made available if no 10 watt FM channels are available. AZMA will pre-coordinate AM if no 10 watt FM channels are available and there are no short-spacing options available. AZMA has pre-coordinated several high schools on AM due to FM spectrum congestion.

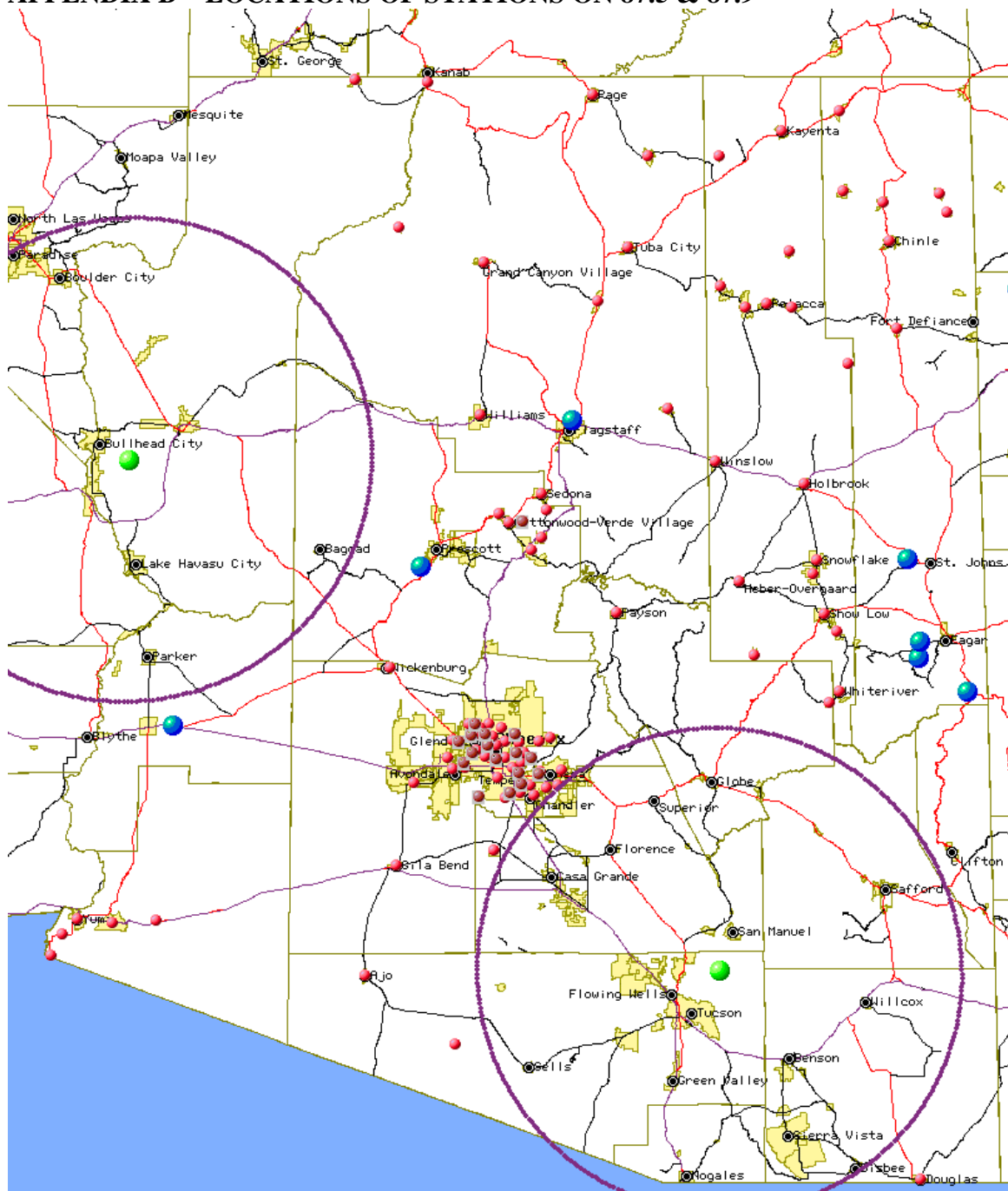
20. CONCLUSION

AZMA feels that with proper frequency coordination and a level of self regulation, LPFM stations would be able to operate with maximum spectrum efficiency while preventing interference to other broadcast services.

APPENDIX A-PHOENIX MEDIA MARKET



APPENDIX B – LOCATIONS OF STATIONS ON 87.5 & 87.9



Red dots are 10 watt pre-coordinations on 87.5 (Channel 198). **Brown dots** are 10-watt coordinations on 87.9 (Channel 200). **Big green dots** are full power Channel 6 stations (KUAT-Tucson & KMOH-Kingman). **Blue dots** are Channel 6 translators. The **large circles** are the 138km protection contours around the full power Channel 6 stations. No LPFM stations on 87.5 or 87.9 within this area. As an alternate, high school stations in Tucson will be pre-coordinated on 106.9 and 107.1 and high school stations near Kingman will be pre-coordinated on any available 10 watt channel.

APPENDIX C – PRECOORDINATED CHANNELS IN THE PHOENIX MEDIA MARKET

Arizona City	204A3
AkChin Village	286A3
Apache Junction	286A3
Avondale	210A3
Black Canyon City	243A3
Buckeye	256A3
Casa Grande	205A3
Cave Creek/Carefree	286A3
Chandler	na
Coolidge	210A3
El Mirage	297A3
Eloy	210A3
Florence	216A3
Fort McDowell	256A3
Fountain Hills	286A3
Gila Bend	210A3
Gila River-Wild Horse Pass	256A3
Gilbert	210A3
Glendale	286A3
Goodyear	286A3
Guadalupe	257D2
Litchfield Park	247A3
Maricopa	204A3
Mesa Central	257A3
Mesa-Downtown	200D2
Mesa-East	270A3
Morristown	224A3
Palo Verde	204A3
Paradise Valley	200D2
Peoria	na
Phoenix-Ahwatukee	252A3
Phoenix-Deer Valley	243A3
Phoenix-Maryvale	na
Phoenix-Northeast	na
Phoenix-South	210A3
Phoenix-Sunnyslope	na
Queen Creek	231A3
Sacaton	256A3
Salt River Indian Cmty	200D2
Scottsdale	256A3
Scottsdale-North	256A3
Stanfield	205A3
Sun City	256A3
Sun City West	243A3
Sun Lakes	286A3
Superior	216D2

Surprise	205A3
Tempe-Downtown	200D2
Tempe-North	286A3
Tempe-South	na
Tolleson	200D2
Tonopah	206A3
Waddell	257A3
Wickenburg	243A3
Williams Gateway	256A3
Wittman	229A3
Youngtown	200D2

APPENDIX D – TUCSON PRE-COORDINATIONS

Tucson-South	239D1
Tucson-Three Points	237A2
Tucson-Oro Valley	219D1
Tucson-Tanque Verde	208A2
Tucson-Foothills	283A2
Tucson-Cortaro	289A2
Tucson-Avra Valley	209A2
Tucson-San Xavier	243A2
Tucson-Catalina	244D1
Tucson Estates	265A2
Tucson-Flowing Wells	279A2
Tucson-Valencia West	286A2

APPENDIX E – RURAL ARIZONA PRE-COORDINATIONS

AZMA RANK	COMMUNITY NAME	1990 CENSUS	NON-RESV PRECOORD	HIGH SCHOOL	RESERVED PRECOORD
1	Yuma city	54923	223A2	198D2	239A1
2	Flagstaff city	45857	222A2	213D2	202D1
3	Sierra Vista city	32983	245A1	271D2	204A1
4	Prescott city	26455	221D1	259D2	217D1
5	Lake Havasu City city	24363	248D1	232D2	207A1
6	Bullhead City city	21951	236D1	217D2	215A1
7	Nogales city	19489	260A1	231D2	203A2
8	Casa Grande city	19082	231A3	256D2	204A3
9	Flowing Wells CDP	14013	237D1	272D2	244D1
10	Green Valley CDP	13231	251A2	295D2	205A1
11	Douglas city	12822	240A1	198D2	208A1
12	Kingman city	12722	236D1	258D2	202A1
13	Sierra Vista Southeast CDP	9237	287A1	271D2	206A1
14	Payson town	8377	288A2	198D2	213D2
15	Winslow city	8190	245A1	198D2	213A2
16	Fortuna Foothills CDP	7737	232A1	198D2	210D1
17	Sedona city	7720	258A1	198D2	217D1
18	Florence town	7510	None	216D2	204A3

19	Safford city	7359	238A1	233D2	210A1
20	Tuba City CDP	7323	228A1	198D2	209A1
21	Eloy city	7211	243A3	216D2	210A3
22	Cottonwood-Verde Village CDP	7037	228D1	198D2	206D1
23	Mohave Valley CDP	6962	272D1	236D2	202A2
24	Coolidge city	6927	286A1	210D2	216D2
25	Oro Valley town	6670	239D1	296D2	219D2
26	Page city	6598	247A1	198D2	205A1
27	Bisbee city	6288	273A1	203D2	207D1
28	Camp Verde town	6243	242D1	198D2	206D2
29	Globe city	6062	270A1	295D2	207A1
30	Cottonwood city	5918	232D1	242D2	217D1
31	Somerton city	5282	280A1	198D2	234D2
32	Chinle CDP	5059	237A1	198D2	204A1
33	Show Low city	5019	246A1	198D2	217A1
34	Chino Valley town	4837	263A1	242D2	217D2
35	Holbrook city	4686	227A1	198D2	207A1
36	Wickenburg town	4515	243A3	198D2	205A3
37	Fort Defiance CDP	4489	226A1	214D2	202A1
38	Kayenta CDP	4372	221A1	198D2	204A1
39	San Luis city	4212	278A1	198D2	268A1
40	Picture Rocks CDP	4026	243D1	290D2	204D1
41	Eagar town	4025	246A1	266D2	220A1
42	San Manuel CDP	4009	267A1	294D2	208A2
43	Benson city	3824	238A1	296D2	205A2
44	Whiteriver CDP	3775	265A1	198D2	210A1
45	Thatcher town	3763	227A1	218D2	203A2
46	Snowflake town	3679	250A1	198D2	202A1
47	Dewey-Humboldt CDP	3640	296D1	NONE	NONE
48	Superior town	3468	NONE	209D2	216D2
49	Avra Valley CDP	3403	266A2	295D2	211D1
50	Window Rock CDP	3306	237A1	214D2	204A1
51	St. Johns city	3294	226A1	204D2	206A1
52	Willcox city	3122	260A1	218D2	210A1
53	Oracle CDP	3043	279A2	294D2	237D1
54	Big Park CDP	3024	223D1	198D2	228D2
55	Central Heights-Midland City CDP	2969	289D1	293D2	205D1
56	Ajo CDP	2919	240A1	198D2	210A1
57	San Carlos CDP	2918	279A1	209D2	205A2
58	Parker town	2897	277A1	207D2	214A1
59	Clifton town	2840	224A1	208D2	218A2
60	Sells CDP	2750	244A1	206D2	216A1
61	Golden Valley CDP	2619	NONE	276D2	217D1
62	Williams city	2532	233A1	198D2	207D1
63	Colorado City town	2426	237A1	198D2	217A1
64	Pinetop-Lakeside town	2422	253A1	198D2	203A1
65	Taylor town	2418	272A1	198D2	208A1
66	Kearny town	2262	289D1	295D2	205D1

67	Marana town	2187	294D2	NONE	NONE
68	Clarkdale town	2144	269D1	198D2	201A2
69	Cornville CDP	2089	296D1	198D2	200D2
70	Miami town	2018	NONE	NONE	209D1
71	Claypool CDP	1942	NONE	NONE	NONE
72	Arizona City CDP	1940	271A3	256D2	205A3
73	Quartzsite town	1876	275A1	201D2	209A1
74	Bagdad CDP	1858	226A1	212D2	205A1
75	Mammoth town	1845	244A2	295D2	205A2
76	Lake Montezuma CDP	1841	246D1	198D2	217D2
77	Springerville town	1802	272A1	209D2	204A1
78	Morenci CDP	1799	226A1	209D2	206A1
79	Huachuca City town	1782	283A1	296D2	NONE
80	Gila Bend town	1747	230A3	198D2	210A3
81	Pima town	1725	245A1	218D2	205A1
82	Kachina Village CDP	1711	295A1	213D2	207D1
83	Desert Hills CDP	1700	252D1	232D2	203A1
84	Parker Strip CDP	1646	254A1	213D2	201A1
85	Heber-Overgaard CDP	1581	277A1	198D2	213A1
86	Grand Canyon Village CDP	1499	262A1	198D2	209A1
87	St. David CDP	1468	244A1	295D2	208A1
88	Sacaton CDP	1452	256A3	204D2	NONE
89	Rio Rico East CDP	1407	233D1	218D2	NONE
90	Pirtleville CDP	1364	279A1	203D2	217D1
91	Dudleyville CDP	1356	295D1	289D2	209A1
92	Many Farms CDP	1294	226A1	198D2	208A1
93	Whetstone CDP	1289	254A1	295D2	207D2
94	Ganado CDP	1257	244A1	198D2	210A1
95	Cibecue CDP	1254	259A1	198D2	212A1
96	Ehrenberg CDP	1226	223A1	206D2	218A2
97	Tombstone city	1220	281A1	209D2	218D1
98	Bylas CDP	1219	265A1	289D2	204A1
99	Fredonia town	1207	254A1	198D2	203A1
100	Swift Trail Junction CDP	1203	274A1	260D2	218D2
101	St. Michaels CDP	1119	222A1	289D2	216A1
102	Komatke CDP	1116	257A3	198D2	200D2
103	Polacca CDP	1108	232A1	198D2	209A1
104	Dolan Springs CDP	1090	284A1	256D2	203D1
105	Wellton town	1066	246A1	198D2	207A1
106	Tsailie CDP	1043	292A1	198D2	203A1
107	Peridot CDP	957	237A2	208D2	NONE
108	Second Mesa CDP	929	223A1	198D2	211A1
109	Moenkopi CDP	924	222A1	252D2	214A1
110	Hayden town	909	NONE	NONE	NONE
111	Patagonia town	888	263A1	296D2	210A1
112	Hotevilla CDP	869	244A1	198D2	220A1
113	Canyon Day CDP	857	278A1	198D2	219A1
114	Leupp CDP	857	233A1	198D2	217A1

115	Peach Springs CDP	787	223A1	214D2	206A1
116	Kykotsmovi Village CDP	773	227A1	199D2	217A1
117	East Fork CDP	752	285A1	232D2	205A1
118	Shongopovi CDP	730	240A1	266D2	213A1
119	Shonto CDP	710	228A1	198D2	209A1
120	Winkelman town	676	NONE	NONE	NONE
121	Duncan town	662	222A1	269D2	209A1
122	Kaibito CDP	641	221A1	198D2	203A1
123	Dennehotso CDP	616	236A1	198D2	207A1
124	Rough Rock CDP	523	248A1	198D2	210A1
125	Sawmill CDP	507	224A1	217D2	212A1
126	Bluewater CDP	505	247A1	297D2	218A1
127	Cameron CDP	493	239A1	198D2	220A2
128	Santa Rosa CDP	493	266A1	211D2	203A1
129	Poston CDP	480	227A1	217D2	205A1
130	Pinon CDP	468	222A1	198D2	214A1
131	Supai CDP	423	229A1	198D2	205A1
132	Jerome town	403	259D1	242D2	NONE
133	Blackwater CDP	400	243D2	216D2	NONE
134	Keams Canyon CDP	393	238A1	198D2	216A1
135	McNary CDP	355	234A1	218D2	207A1
136	Willow Valley CDP	355	276D1	217D2	202A2
137	Ak-Chin Village CDP	353	286A3	198D2	204A3
138	Pisinemo CDP	341	277A1	198D2	204A1
139	Chuichu CDP	330	286A3	295D2	216D2
140	Santan CDP	330	248A3	243D2	204D2
141	Teec Nos Pos CDP	317	247A1	204D2	212A1
142	Greasewood CDP	196	224A1	198D2	203A1
143	Lukachukai CDP	113	222A1	198D2	214A1

APPENDIX F – COMPLETE LISTING OF AzMA PRE-COORDINATED LPFM CHANNELS IN ARIZONA.

Chan	Community	Cls	Latitude	Longitude
198	AGUA FRIA NORTH HS	D2	33.50000	112.37400
198	AGUA FRIA-SOUTH HS	D2	33.44200	112.34000
198	PHOENIX-ALHAMBRA HS	D2	33.51000	112.14000
198	PHOENIX-GOLDWATER HS	D2	33.67800	112.12000
198	BUCKEYE UNION HS	D2	33.37600	112.58000
198	GLENDALE-CACTUS HS	D2	33.62565	112.19699
198	PHOENIX-CAMELBACK HS	D2	33.50379	112.02304
198	CHANDLER HS	D2	33.30787	111.84281
198	SCOTTSDL-CHAPARAL HS	D2	33.57693	111.93163
198	TEMPE-CORONADELSOLHS	D2	33.32618	111.92462
198	SCOTTDL-CORONADO HS	D2	33.47407	111.91951
198	SCTDL-DESERT MTN HS	D2	33.58616	111.80971
198	PHNX-DESERT VISTA HS	D2	33.29477	112.01847
198	EL MIRAGE-DYSART HS	D2	33.59066	112.34112
198	PHOENIX-EAST HS*SH*	D2	33.45447	111.97585
198	MESA-DOBSON HS*SH*	D2	33.36246	111.86771
198	PHNX-DEER VLY HS*SH*	D2	33.65321	112.17068
198	FOUNTAIN HLS HS*SP*	D2	33.60516	111.74000
198	GILA BEND HS	D2	32.95153	112.68479
198	GILBERT HS	D2	33.34895	111.76600
198	GLENDALE HS*SP*	D2	33.54031	112.19554
198	MESA-HIGHLAND HS*SP*	D2	33.36263	111.69823
198	MESA-MOUNTAIN VW HS	D2	33.43246	111.80588
198	PHOENIX-N CANYON HS	D2	33.65655	112.04476
198	MESA-RED MTN HS	D2	33.43546	111.67668
198	SCDL-SAGUARO HS *SP*	D2	33.52883	111.90682
198	PHNX-SHADOW MTN HS	D2	33.58366	112.02011
198	PHNX-S MOUNTAIN HS	D2	33.39957	112.06254
198	PHX-SUNNYSLOPE HS*SH	D2	33.56606	112.07611
198	PEOR-SUNRS MTN HS*SH	D2	33.67403	112.23931
198	TEMPE HS*SH*	D2	33.40959	111.94151
198	PHNX-TBIRD HS *SP*	D2	33.61354	112.09609
198	TOLLESON HS *SP*	D2	33.44969	112.26548
198	WICKENBURG HS	D2	33.96612	112.72846
198	YUMA-HS	D2	32.67745	114.62016
198	DOUGLAS HS	D2	31.34269	109.52819
198	PAYSON HS	D2	34.24260	111.32700
198	WINSLOW HS	D2	35.02778	110.70693
198	FORTUNA FOOTHILLS HS	D2	32.65767	114.41103
198	SEDONA HS	D2	34.85927	111.79512
198	TUBA CITY HS	D2	36.12498	111.24246
198	CTWD-VERDE VLG HS	D2	34.71115	111.99438
198	PAGE HS	D2	36.90425	111.45782
198	CAMP VERDE HS	D2	34.56965	111.85619
198	SOMERTON HS	D2	32.59708	114.70946

198	CHINLE HS	D2	36.15191	109.58003
198	SHOW LOW HS	D2	34.23733	110.04430
198	HOLBROOK HS	D2	34.91284	110.15523
198	KAYENTA HS	D2	36.71796	110.25257
198	SAN LUIS HS	D2	32.49245	114.77786
198	WHITERIVER HS	D2	33.83892	109.96162
198	SNOWFLAKE HS	D2	34.52198	110.08420
198	BIG PARK	D2	34.78018	111.76183
198	AJO	D2	32.38725	112.86836
198	WILLIAMS	D2	35.26463	112.17284
198	COLORADO CITY	D2	36.98084	112.98250
198	PINETOP-LAKESIDE	D2	34.14812	109.96637
198	TAYLOR	D2	34.44993	110.11155
198	CLARKDALE	D2	34.75967	112.05648
198	CORNVILLE	D2	34.72185	111.90783
198	LAKE MONTEZUMA	D2	34.63932	111.79552
198	HEBER-OVERGAARD	D2	34.41401	110.56884
198	GRAND CANYON VILLAGE	D2	36.04644	112.15346
198	MANY FARMS	D2	36.35027	109.61846
198	GANADO	D2	35.70755	109.55203
198	CIBECUE	D2	34.02949	110.48216
198	FREDONIA	D2	36.96476	112.51885
198	KOMATKE	D2	33.30620	112.17811
198	POLACCA	D2	35.83564	110.36559
198	WELLTON	D2	32.67289	114.13933
198	TSAILE	D2	36.30371	109.21470
198	SECOND MESA	D2	35.81761	110.50359
198	HOTEVILLA	D2	35.92379	110.65759
198	CANYON DAY	D2	33.78142	110.02618
198	LEUPP	D2	35.29539	111.00057
198	SHONTO	D2	36.58802	110.65418
198	KAIBITO	D2	36.58904	111.11032
198	DENNEHOTSO	D2	36.82153	109.88378
198	ROUGH ROCK	D2	36.40955	109.86753
198	CAMERON	D2	35.84825	111.43186
198	PINON	D2	36.10071	110.22126
198	SUPAI	D2	36.22416	112.69321
198	KEAMS CANYON	D2	35.81591	110.20889
198	AK-CHIN VILLAGE	D2	33.02829	112.08699
198	PISINEMO	D2	32.03778	112.32033
198	GREASEWOOD	D2	35.52802	109.86009
198	LUKACHUKAI	D2	36.40007	109.25688
199	KYKOTSMOVI VILLAGE	D2	35.87424	110.62275
200	MESA-DOWNTOWN	D2	33.42000	111.81000
200	PARADISE VALLEY	D2	33.53000	111.95000
200	SALT RIVER IND CMTY	D2	33.50000	111.86000
200	TEMPE-DOWNTOWN	D2	33.42600	111.93500
200	TOLLESON	D2	33.48000	112.27000

200	YOUNGTOWN	D2	33.58715	112.30304
200	PEORIA-CENTENIAL HS	D2	33.61544	112.23059
200	PHOENIX-CENTRAL HS	D2	33.49762	112.07069
200	PHOENIX-CORTEZ HS	D2	33.56595	112.12770
200	PHX-GREENWAY HS*SP*	D2	33.62675	112.14401
200	PHOENIX-HORIZON HS	D2	33.62492	111.95661
200	GLNDL-INDEPENDNCE HS	D2	33.53024	112.22093
200	TMP-MRCODENIZAHS*SP*	D2	33.36590	111.92063
200	PHOENX-MTN POINT HS	D2	33.32542	111.99028
200	GLENDALE-MTN RDGE HS	D2	33.67814	112.20483
200	CORNVILLE	D2	34.72185	111.90783
200	KOMATKE	D2	33.30620	112.17811
201	CLARKDALE	A2	34.75967	112.05648
201	QUARTZSITE	D2	33.66699	114.21499
201	BAGDAD	D2	34.57792	113.17373
201	PARKER STRIP	A1	34.25775	114.14205
202	FLAGSTAFF-NCE	D1	35.18901	111.61977
202	KINGMAN-NCE	A1	35.20702	114.03197
202	FORT DEFIANCE NCE	A1	35.74368	109.06659
202	SNOWFLAKE NCE	A1	34.52198	110.08420
202	WILLOW VALLEY	A2	34.91204	114.60580
203	BISBEE HS	D2	31.40456	109.91748
203	NOGALES-NCE	A2	31.36372	110.93264
203	THATCHER NCE	A2	32.83835	109.75904
203	PINETOP-LAKESIDE	A1	34.14812	109.96637
203	DESERT HILLS	A1	34.55397	114.37169
203	PIRTLEVILLE	D2	31.36165	109.56693
203	FREDONIA	A1	36.96476	112.51885
203	DOLAN SPRINGS	D1	35.60448	114.26652
203	TSAILE	A1	36.30371	109.21470
203	KAIBITO	A1	36.58904	111.11032
203	SANTA ROSA	A1	32.33485	112.04540
203	GREASEWOOD	A1	35.52802	109.86009
204	FLORENCE	A3	33.03757	111.37391
204	SIERRA VISTA-NCE	A1	31.56511	110.32246
204	CASA GRANDE-NCE	A3	32.89231	111.73593
204	CHINLE-NCE	A1	36.15191	109.58003
204	KAYENTA	A1	36.71796	110.25257
204	PICTURE ROCKS NCE	D1	32.34576	111.24568
204	WINDOW ROCK NCE	A1	35.67090	109.06437
204	ST. JOHNS HS	D2	34.50993	109.37676
204	SPRINGERVILLE	A1	34.15608	109.29650
204	SACATON	D2	33.08215	111.74608
204	BYLAS	A1	33.13059	110.11009
204	AK-CHIN VILLAGE	A3	33.02829	112.08699
204	PISINEMO	A1	32.03778	112.32033
204	SANTAN	D2	33.14548	111.80155
204	TEEC NOS POS	D2	36.92910	109.08210

205	SURPRISE	A3	33.66411	112.46845
205	GREEN VALLEY-NCE	A1	31.84854	111.00977
205	PAGE-NCE	A1	36.90425	111.45782
205	WICKENBURG NCE	A3	33.96661	112.75441
205	BENSON NCE	A2	31.96219	110.30311
205	CENTRAL HTS-MDLND CY	D1	33.40518	110.81217
205	SAN CARLOS	A2	33.34864	110.46505
205	KEARNY	D1	33.05621	110.90598
205	ARIZONA CITY	A3	32.75080	111.66982
205	BAGDAD	A1	34.57792	113.17373
205	MAMMOTH	A2	32.72151	110.64350
205	PIMA	A1	32.88814	109.83332
205	EAST FORK	A1	33.80645	109.93144
205	POSTON	A1	33.95912	114.41523
205	SUPAI	A1	36.22416	112.69321
206	SIERRA VISTA SE-NCE	A1	31.46059	110.21743
206	CTNWD-VERDE VLLG-NCE	D1	34.71115	111.99438
206	CAMP VERDE-NCE	D2	34.56965	111.85619
206	ST. JOHNS NCE	A1	34.50993	109.37676
206	SELLS	D2	31.91846	111.87644
206	MORENCI	A1	33.05305	109.32954
206	EHRENBERG	D2	33.62293	114.49392
206	PEACH SPRINGS	A1	35.52742	113.42982
207	LAKE HAVASU CITY-NCE	A1	34.50287	114.31427
207	BISBEE-NCE	D1	31.40456	109.91748
207	GLOBE-NCE	A1	33.38281	110.75431
207	HOLBROOK NCE	A1	34.91284	110.15523
207	PARKER	D2	34.02182	114.23104
207	WILLIAMS	D1	35.26463	112.17284
207	KACHINA VILLAGE	D1	35.09700	111.69193
207	WHETSTONE	D2	31.70171	110.34075
207	WELLTON	A1	32.67289	114.13933
207	DENNEHOTSO	A1	36.82153	109.88378
207	MCNARY	A1	34.09578	109.85055
208	TUCSON-TANQUE VERDE	A2	32.28492	110.84941
208	DOUGLAS-NCE	A1	31.34269	109.52819
208	SAN MANUEL NCE	A2	32.61400	110.63620
208	CLIFTON	D2	33.02351	109.29049
208	TAYLOR	A1	34.44993	110.11155
208	ST. DAVID	A1	31.90009	110.22939
208	MANY FARMS	A1	36.35027	109.61846
208	PERIDOT	D2	33.30266	110.45431
209	TUCSON-AVRA VALLEY	A2	32.43805	111.31667
209	TUBA CITY-NCE	A1	36.12498	111.24246
209	SUPERIOR HS	D2	33.28585	111.10948
209	SAN CARLOS	D2	33.34864	110.46505
209	MIAMI	D1	33.39433	110.87206
209	QUARTZSITE	A1	33.66699	114.21499

209	SPRINGERVILLE	D2	34.15608	109.29650
209	MORENCI	D2	33.05305	109.32954
209	GRAND CANYON VILLAGE	A1	36.04644	112.15346
209	DUDLEYVILLE	A1	32.91427	110.73378
209	TOMBSTONE	D2	31.71730	110.06222
209	POLACCA	A1	35.83564	110.36559
209	SHONTO	A1	36.58802	110.65418
209	DUNCAN	A1	32.73625	109.09178
209	DUNCAN	A1	32.73625	109.09178
210	PHOENIX-SOUTH	A3	33.37500	112.05000
210	GILBERT	A3	33.33200	111.76418
210	AVONDALE	A3	33.42007	112.32404
210	COOLIDGE	A3	32.98243	111.52760
210	GILA BEND	A3	32.95153	112.68479
210	FORTUNA FTHLS-NCE	D1	32.65767	114.41103
210	SAFFORD-NCE	A1	32.83116	109.69815
210	ELOY-NCE	A3	32.74504	111.60651
210	WHITERIVER NCE	A1	33.83892	109.96162
210	WILLCOX	A1	32.25067	109.83516
210	AJO	A1	32.38725	112.86836
210	GANADO	A1	35.70755	109.55203
210	PATAGONIA	A1	31.54328	110.74895
210	ROUGH ROCK	A1	36.40955	109.86753
211	TUCSON MAGNET HS	D2	32.22667	110.96115
211	AVRA VALLEY NCE	D1	32.43786	111.31471
211	SECOND MESA	A1	35.81761	110.50359
211	SANTA ROSA	D2	32.33485	112.04540
212	CIBECUE	A1	34.02949	110.48216
212	SAWMILL	A1	35.89169	109.15352
212	TEEC NOS POS	A1	36.92910	109.08210
213	FLAGSTAFF-HS	D2	35.18901	111.61977
213	PAYSON-NCE	D1	34.24260	111.32700
213	WINSLOW-NCE	A2	35.02778	110.70693
213	KACHINA VILLAGE	D2	35.09700	111.69193
213	PARKER STRIP	D2	34.25775	114.14205
213	HEBER-OVERGAARD	A1	34.41401	110.56884
213	SHONGOPOVI	A1	35.81810	110.53400
214	PEACH SPRINGS	D2	35.52742	113.42982
214	FORT DEFIANCE HS	D2	35.74368	109.06659
214	WINDOW ROCK HS	D2	35.67090	109.06437
214	PARKER	A1	34.02182	114.23104
214	MOENKOPI	A1	36.11091	111.22218
214	PINON	A1	36.10071	110.22126
214	LUKACHUKAI	A1	36.40007	109.25688
215	BULLHEAD CITY-NCE	A1	35.11419	114.55859
216	APACHE JUNCTION HS	D2	33.38500	111.56000
216	TEMPE-MCCLINTOCK HS	D2	33.39800	111.90639
216	MESA HS	D2	33.39503	111.79297

216	FLORENCE HS	D2	33.03757	111.37391
216	ELOY HS	D2	32.74504	111.60651
216	COOLDIGE-NCE	D2	32.98244	111.52760
216	SUPERIOR NCE	D2	33.28585	111.10948
216	SELLS	A1	31.91846	111.87644
216	ST. MICHAELS	A1	35.66169	109.09362
216	BLACKWATER	D2	33.03066	111.61527
216	KEAMS CANYON	A1	35.81591	110.20889
216	CHUICHU	D2	32.74477	111.79722
217	BULLHEAD CITY-HS	D2	35.11419	114.55859
217	PRESCOTT-NCE	D1	34.57601	112.44908
217	SEDONA-NCE	D1	34.85927	111.79512
217	COTTONWOOD-NCE	D1	34.73452	112.02441
217	SHOW LOW NCE	A1	34.23733	110.04430
217	CHINO VALLEY NCE	D2	34.76322	112.45470
217	GOLDEN VALLEY	D1	35.22324	114.22209
217	COLORADO CITY	A1	36.98084	112.98250
217	LAKE MONTEZUMA	D2	34.63932	111.79552
217	PIRTLEVILLE	D1	31.36165	109.56693
217	LEUPP	A1	35.29539	111.00057
217	KYKOTSMOVI VILLAGE	A1	35.87424	110.62275
217	SAWMILL	D2	35.89169	109.15352
217	POSTON	D2	33.95912	114.41523
217	WILLOW VALLEY	D2	34.91204	114.60580
218	THATCHER HS	D2	32.83835	109.75904
218	WILLCOX	D2	32.25067	109.83516
218	CLIFTON	A2	33.02351	109.29049
218	PIMA	D2	32.88814	109.83332
218	RIO RICO	D2	31.47978	110.97557
218	EHRENBERG	A2	33.62293	114.49392
218	TOMBSTONE	D1	31.71730	110.06222
218	SWIFT TRAIL JUNCTION	D2	32.73246	109.71493
218	BLUEWATER	A1	34.16853	114.26412
218	MCNARY	D2	34.09578	109.85055
219	TUCSON-ORO VALLEY	D2	32.32946	110.97632
219	TSN-RINCON/UNIV HS	D2	32.22713	110.88990
219	ORO VALLEY-NCE	D2	32.42497	110.96466
219	CANYON DAY	A1	33.78142	110.02618
220	EAGAR NCE	A1	34.10493	109.29211
220	HOTEVILLA	A1	35.92379	110.65759
220	CAMERON	A2	35.84825	111.43186
221	PRESCOTT	D1	34.57601	112.44908
221	KAYENTA	A1	36.71796	110.25257
221	KAIBITO	A1	36.58904	111.11032
222	FLAGSTAFF	A2	35.18901	111.61977
222	ST. MICHAELS	A1	35.66169	109.09362
222	MOENKOPI	A1	36.11091	111.22218
222	PINON	A1	36.10071	110.22126

222	LUKACHUKAI	A1	36.40007	109.25688
223	YUMA	A2	32.67745	114.62016
223	BIG PARK	D1	34.78018	111.76183
223	EHRENBERG	A1	33.62293	114.49392
223	SECOND MESA	A1	35.81761	110.50359
223	PEACH SPRINGS	A1	35.52742	113.42982
224	CLIFTON	A1	33.02351	109.29049
224	SAWMILL	A1	35.89169	109.15352
224	GREASEWOOD	A1	35.52802	109.86009
226	FORT DEFIANCE	A1	35.74368	109.06659
226	ST. JOHNS	A1	34.50993	109.37676
226	BAGDAD	A1	34.57792	113.17373
226	MORENCI	A1	33.05305	109.32954
226	MANY FARMS	A1	36.35027	109.61846
227	HOLBROOK	A1	34.91284	110.15523
227	THATCHER	A1	32.83835	109.75904
227	KYKOTSMOVI VILLAGE	A1	35.87424	110.62275
227	POSTON	A1	33.95912	114.41523
228	TUBA CITY	A1	36.12498	111.24246
228	CTWD-VERDE VILLAGE	D1	34.71115	111.99438
228	BIG PARK	D2	34.78018	111.76183
228	SHONTO	A1	36.58802	110.65418
229	SUPAI	A1	36.22416	112.69321
230	GILA BEND	A3	32.95153	112.68480
231	QUEEN CREEK	A3	33.24143	111.64230
231	NOGALES-HS	D2	31.36372	110.93264
231	CASA GRANDE	A3	32.89231	111.73593
232	LAKE HAVASU CITY-HS	D2	34.50287	114.31427
232	PRESCOTT VALLEY	D1	34.60823	112.32142
232	FORTUNA FOOTHILLS	A1	32.65767	114.41103
232	COTTONWOOD	D1	34.73452	112.02441
232	DESERT HILLS	D2	34.55397	114.37169
232	POLACCA	A1	35.83564	110.36559
232	EAST FORK	D2	33.80645	109.93144
233	SAFFORD HS	D2	32.83116	109.69815
233	WILLIAMS	A1	35.26463	112.17284
233	RIO RICO	D1	31.47978	110.97557
233	LEUPP	A1	35.29539	111.00057
234	SOMERTON-NCE	D2	32.59708	114.70946
234	MCNARY	A1	34.09578	109.85055
236	BULLHEAD CITY	D1	35.11419	114.55859
236	KINGMAN	D1	35.20702	114.03197
236	MOHAVE VALLEY HS	D2	34.93319	114.58805
236	DENNEHOTSO	A1	36.82153	109.88378
237	TUCSON-THREE POINTS	A2	32.06810	111.27928
237	FLOWING WELLS	D1	32.29381	111.00916
237	CHINLE	A1	36.15191	109.58003
237	WINDOW ROCK	A1	35.67090	109.06437

237	ORACLE	D1	32.61877	110.78419
237	COLORADO CITY	A1	36.98084	112.98250
237	PERIDOT	A2	33.30266	110.45431
238	SAFFORD	A1	32.83116	109.69815
238	BENSON	A1	31.96219	110.30311
238	KEAMS CANYON	A1	35.81591	110.20889
239	TUCSON-SOUTH	D1	32.19372	110.97245
239	ORO VALLEY	D1	32.42497	110.96466
239	YUMA-NCE	A1	32.67745	114.62016
239	CAMERON	A1	35.84825	111.43186
240	DOUGLAS	A1	31.34269	109.52819
240	AJO	A1	32.38725	112.86836
240	SHONGOPOVI	A1	35.81810	110.53400
242	CAMP VERDE	D1	34.56965	111.85619
242	PRESCOTT VLY-NCE	D1	34.60823	112.32142
242	COTTONWOOD HS	D2	34.73452	112.02441
242	CHINO VALLEY HS	D2	34.76322	112.45470
242	JEROME	D2	34.74670	112.10612
243	PHOENIX-DEER VALLEY	A3	33.67000	112.10000
243	SUN CITY WEST	A3	33.66541	112.36000
243	WICKENBURG	A3	33.96661	112.75440
243	BLACK CANYON CITY	A3	34.05348	112.15936
243	TUCSON-SAN XAVIER	A2	32.08064	111.03000
243	ELOY	A3	32.74504	111.60651
243	PICTURE ROCKS	D1	32.34576	111.24568
243	BLACKWATER	D2	33.03066	111.61527
243	SANTAN	D2	33.14548	111.80155
244	TUCSON-CATALINA	D2	32.47737	110.90097
244	FLOWING WELLS-NCE	D1	32.29381	111.00916
244	SELLS	A1	31.91846	111.87644
244	MAMMOTH	A2	32.72151	110.64350
244	ST. DAVID	A1	31.90009	110.22939
244	GANADO	A1	35.70755	109.55203
244	HOTEVILLA	A1	35.92379	110.65759
245	SIERRA VISTA	A1	31.56511	110.32246
245	WINSLOW	A1	35.02778	110.70693
245	PIMA	A1	32.88814	109.83332
246	SHOW LOW	A1	34.23733	110.04430
246	EAGAR	A1	34.10493	109.29211
246	LAKE MONTEZUMA	D1	34.63932	111.79552
246	WELLTON	A1	32.67289	114.13933
247	LITCHFIELD PARK	A3	33.50252	112.35881
247	PAGE	A1	36.90425	111.45782
247	BLUEWATER	A1	34.16853	114.26412
247	TEEC NOS POS	A1	36.92910	109.08210
248	LAKE HAVASU CITY	D1	34.50287	114.31427
248	ROUGH ROCK	A1	36.40955	109.86753
248	SANTAN	A3	33.14548	111.80155

250	SNOWFLAKE	A1	34.52198	110.08420
251	GREEN VALLEY	A2	31.84854	111.00977
252	PHOENIX-AHWATUKEE	A3	33.33000	112.00000
252	DESERT HILLS	D1	34.55397	114.37169
252	MOENKOPI	D2	36.11091	111.22218
253	PINETOP-LAKESIDE	A1	34.14812	109.96637
254	PARKER STRIP	A1	34.25775	114.14205
254	WHETSTONE	A1	31.70171	110.34075
254	FREDONIA	A1	36.96476	112.51885
256	SUN CITY	A3	33.61626	112.28181
256	SCOTTSDALE	A3	33.47000	111.91000
256	FORT MC DOWELL	A3	33.60000	111.68000
256	SACATON	A3	33.08214	111.74608
256	WILD HORSE PASS-GILA	A3	33.20000	111.98000
256	BUCKEYE	A3	33.41263	112.58552
256	WILLIAMS GATEWAY	A3	33.30000	111.68000
256	SCOTTSDALE-NORTH	A3	33.75000	111.90500
256	PHNX-CARL HAYDEN HS	D2	33.45735	112.13205
256	CASA GRANDE-HS	D2	32.89231	111.73593
256	ARIZONA CITY	D2	32.75080	111.66982
256	DOLAN SPRINGS	D2	35.60448	114.26652
257	MESA-CENTRAL	A3	33.41773	111.74033
257	GUADALUPE	D2	33.36576	111.96166
257	KOMATKE	A3	33.30620	112.17811
258	KINGMAN HS	D2	35.20702	114.03197
258	SEDONA	A1	34.85927	111.79512
259	PRESCOTT-HS	D2	34.57601	112.44908
259	PRESCOTT VALLEY HS	D2	34.60823	112.32142
259	CIBECUE	A1	34.02949	110.48216
259	JEROME	D1	34.74670	112.10612
260	NOGALES	A1	31.36372	110.93264
260	WILLCOX	A1	32.25067	109.83516
260	SWIFT TRAIL JUNCTION	D2	32.73246	109.71493
262	GRAND CANYON VILLAGE	A1	36.04644	112.15346
263	CHINO VALLEY	A1	34.76322	112.45470
263	PATAGONIA	A1	31.54328	110.74895
265	TUCSON ESTATES	A2	32.18956	111.08453
265	WHITERIVER	A1	33.83892	109.96162
265	BYLAS	A1	33.13059	110.11009
266	TUCSON-SALPOINTE HS	D2	32.25578	110.94909
266	EAGAR HS	D2	34.10493	109.29211
266	AVRA VALLEY	A2	32.43786	111.31471
266	SHONGOPOVI	D2	35.81810	110.53400
266	SANTA ROSA	A1	32.33485	112.04540
267	SAN MANUEL	A1	32.61400	110.63620
268	SAN LUIS NCE	A1	32.49245	114.77786
269	CLARKDALE	D1	34.75967	112.05648
269	DUNCAN	D2	32.73625	109.09178

270	MESA-EAST	A3	33.40000	111.72000
270	QUEEN CREEK HS*SP*	D2	33.26123	111.63244
270	GLOBE	A1	33.38281	110.75431
271	SIERRA VISTA-HS	D2	31.56511	110.32246
271	SIERRA VISTA EAST	D2	31.46059	110.21743
271	ARIZONA CITY	A3	32.75080	111.66982
272	FLOWING WELLS	D2	32.29381	111.00916
272	NEW KINGMAN-BUTLER	D1	35.26014	114.02976
272	MOHAVE VALLEY	D1	34.93319	114.58805
272	TAYLOR	A1	34.44993	110.11155
272	SPRINGERVILLE	A1	34.15608	109.29650
273	BISBEE	A1	31.40456	109.91748
274	SWIFT TRAIL JUNCTION	A1	32.73246	109.71493
275	QUARTZSITE	A1	33.66699	114.21499
276	GOLDEN VALLEY	D2	35.22324	114.22209
276	WILLOW VALLEY	D1	34.91204	114.60580
277	PARKER	A1	34.02182	114.23104
277	HEBER-OVERGAARD	A1	34.41401	110.56884
277	PISINEMO	A1	32.03778	112.32033
278	SAN LUIS	A1	32.49245	114.77786
278	CANYON DAY	A1	33.78142	110.02618
279	TUCSON-FLOWING WELLS	A2	32.36079	111.09122
279	ORACLE	A1	32.61877	110.78419
279	SAN CARLOS	A1	33.34864	110.46505
279	PIRTLEVILLE	A1	31.36165	109.56693
280	SOMERTON	A1	32.59708	114.70946
281	TOMBSTONE	A1	31.71730	110.06222
283	TUCSON-FOOTHILLS	A2	32.33086	110.94681
283	HUACHUCA CITY	A1	31.63207	110.34085
284	NEW KNGMN-BUTLER-NCE	D2	35.26014	114.02976
284	DOLAN SPRINGS	A1	35.60448	114.26652
285	EAST FORK	A1	33.80645	109.93144
286	NORTH TEMPE	A3	33.44107	111.92078
286	GLENDALE	A3	33.58412	112.20159
286	APACHE JUNCTION	A3	33.40500	111.54699
286	CAVE CREEK-CAREFREE	A3	33.82616	111.92520
286	AK CHIN VILLAGE	A3	33.02829	112.08698
286	COOLIDGE	A3	32.98243	111.52760
286	SUN LAKES	A3	33.21685	111.87009
286	FOUNTAIN HILLS	A3	33.60535	111.74111
286	PARADISE VALLEY HS	D2	33.64176	111.99684
286	TUCSON-VALENCIA WEST	A2	32.13597	111.11100
286	CHUICHU	A3	32.74477	111.79722
287	NEW KINGMAN-BUTLR HS	D2	35.26014	114.02976
287	SIERRA VISTA EAST	A1	31.46059	110.21743
288	PAYSON	A2	34.24260	111.32700
289	TUCSON-CORTARO	A2	32.35870	111.08880
289	CENTRAL HTS-MDLND CY	D1	33.40518	110.81217

289	KEARNY	D1	33.05621	110.90598
289	DUDLEYVILLE	D2	32.91427	110.73378
289	BYLAS	D2	33.13059	110.11009
289	ST. MICHAELS	D2	35.66169	109.09362
290	PICTURE ROCKS HS	D2	32.34576	111.24568
292	TSAILE	A1	36.30371	109.21470
293	CENTRAL HTS-MDLND CY	D2	33.40518	110.81217
294	TUCSON-AMPTHEATR HS	D2	32.26803	110.97475
294	TUCSON-HOWENSTINE HS	D2	32.21535	110.93355
294	TUCSON-SABINO HS	D2	32.33223	110.90810
294	TUCSON-SNTA RITA HS	D2	32.17562	110.82180
294	SAN MANUEL HS	D2	32.61400	110.63620
294	ORACLE	D2	32.61877	110.78419
294	MARANA	D2	32.41443	111.17275
295	ORO VLY-CN DL ORO HS	D2	32.37452	110.97420
295	TUCSON-CATALINA HS	D2	32.24447	110.91545
295	TUCSON-CHOLLA HS	D2	32.20450	111.00833
295	TSCN-DESERT VIEW HS	D2	32.13542	110.89877
295	TSCN-GREENFIELDS SCH	D2	32.31676	111.03533
295	TUCSON-MTN VIEW HS	D2	32.38027	111.04869
295	MARANA HS	D2	32.36711	111.21737
295	TUCSON-SAHUARO HS	D2	32.22668	110.80850
295	SAHUARITA HS	D2	31.96060	110.97866
295	GREEN VALLEY HS	D2	31.84854	111.00977
295	GLOBE HS	D2	33.38281	110.75431
295	AVRA VALLEY HS	D2	32.43786	111.31471
295	KEARNY	D2	33.05621	110.90598
295	MAMMOTH	D2	32.72151	110.64350
295	KACHINA VILLAGE	A1	35.09700	111.69193
295	ST. DAVID	D2	31.90009	110.22939
295	DUDLEYVILLE	D1	32.91427	110.73378
295	WHETSTONE	D2	31.70171	110.34075
295	CHUICHU	D2	32.74477	111.79722
296	TUCSON-FLWG WLS HS	D2	32.27449	110.99584
296	TSN-CATALINA FTHL HS	D2	32.30221	110.89860
296	ORO VALLEY HS	D2	32.42497	110.96466
296	BENSON HS	D2	31.96219	110.30311
296	DEWEY-HUMBOLDT	D1	34.53255	112.25180
296	CORNVILLE	D1	34.72185	111.90783
296	HUACHUCA CITY	D2	31.63207	110.34085
296	PATAGONIA	D2	31.54328	110.74895
297	EL MIRAGE	A3	33.59121	112.32401
297	BLUEWATER	D2	34.16853	114.26412

KEY TO CLASSES:

A1 – REC proposed 1kW/60m HAAT. FCC proposed LP-1000 service.

A2 – REC proposed 250w/40m HAAT.

A3 – REC proposed 100w/30m HAAT within a Top-50 Media Market PRIMARY.

D1 – REC proposed 100w/30m HAAT outside a Top-50 Media Market SECONDARY. Also FCC proposed LP-100 service.

D2 – REC proposed 10w/10m or 1w/30m microradio service. FCC proposed “microradio” service.

APPENDIX G – LOW POWER AM IN PHOENIX

1630	AM	Peoria-Ironwood
		Avondale-Westview HS
1640	AM	Phoenix-North HS
1650	AM	Phoenix-Maryvale HS
1670	AM	Phoenix-Moon Valley HS
1660	AM	Phoenix-Washington HS
1680	AM	Phoenix-Trevor Browne HS
1690	AM	Peoria HS
		Mesa-Westwood HS
1700	AM	Metro Tech

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This document is a working concept of how frequency coordination would work in the LPFM service.