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PETITION FOR RULEMAKING

Introduction

REC Networks¹ strives to assure a citizen's right to access the airwaves and strongly advocates for the Low Power FM ("LPFM") broadcast service. REC Broadcast Services, LLC is a Wisconsin corporation that provides professional engineering and consulting services for FM broadcast, specializing mainly in the LPFM service (collectively "REC").

This *Petition for Rulemaking* ("Petition") addresses some of the issues that have been raised by those in the LPFM community as well as those experienced by REC. In this Petition, we reopen the discussion on the expansion the LPFM service to allow for service contours of up to 7.1 kilometers². We are also proposing at this time to extend the distance that an LPFM station can move as a minor change in an effort to bring LPFM to a more level playing field. In addition, we are asking that the Commission impose second adjacent channel protections to LPFM stations by FM translator and booster stations. Finally, we are asking for some relief in the local origination pledge for time-share LPFM stations.

THE UNIQUE CHALLENGES FACED BY LPFM STATIONS

Unlike most full-power and FM translator stations, many LPFM stations do not have their transmitter sites on mountaintops or at very high height (and expensive) leased tower sites. In addition,

¹ - REC Networks is the unincorporated entity name that identifies Michelle Bradley. REC is a major advocate of the LPFM service and operates various resources such as myLPFM (<http://mylpfm.com>).

² - At the request of some members in the LPFM community, REC was asked to reevaluate the possibility of a "LP-50" service which would allow output power of 1 to 50 watts ERP and service contours from 1.8 to 4.7 kilometers. Our initial evaluation of the metropolitan areas that these stations would benefit shows that these areas are already well saturated with 100-watt LPFM stations and the potential for co-channel inward interference is substantial in many areas. Such a service would also cause a controversy as it would use the LP-10 tables, which, while in §73.807(a) when the LCRA was enacted are subject to a significant challenge which will divert attention away from the ability for rural, suburban and some urban LPFM stations to upgrade and maximize their service. For those reasons, REC will not be proposing an LP-50 service at this time.

the 5.6 kilometer service contour standard makes using a high elevation site less worthwhile especially in light of the incoming interference from full-power stations. As a secondary service, LPFM must understandably accept that interference.

Real-world case: WDFC-LP

REC has heard about the challenges faced by LPFM stations. WDFC-LP, Greensboro, NC, a station currently authorized for 10 watts at 91 meters HAAT tells REC:

“The main problem we have is building penetration within our 60 dB contour as well as further out at the current power levels. The main issue is the building materials used in commercial buildings (steel, aluminum, outside coverings, etc.) that restrict radio signals.”

WDFC-LP makes a strong effort to serve seniors and older adults with special emphasis on those who are homebound and reside in retirement homes. Many of these residents do not have computers or have experience with streaming audio and rely on radio to listen to music and other programs. WDFC-LP tells REC about a real world problem they are facing:

“In one example of a retirement with three stories and just barely outside our 60 dBu contour, residents receive the signal (full quieting) if they live on the east side of the retirement home and place their radios near a window that in many cases, is inconvenient. The west and south side residents have either an extremely weak signal or no signal since our tower is east north east from the facility. Since this particular example involves a campus environment with multiple buildings tied together, the east side buildings block the others so the lack of the penetration affects many of the residences.”

Real-world case: WBED-LP

WBED-LP, Bedford, IN is located at 50 meters HAAT and is limited to 35 watts. The station is located on the roof of a 4 story building in the “main street” portion of town. The station is the victim of being in an area with higher average terrain. They tell REC:

“Our area is famous for limestone and many older buildings are made of it. Now, factor in the many valleys on our highways that have high natural limestone walls and we get lost in them. The roads were made by blowing up these limestone foundations, so the highways have walls of 20 to 40 feet on each side with open air above. All other stations have no signal problems. Service in places of our 60 dBu is non-existent.”

Real world case: KLEK-LP

KLEK-LP, Jonesboro, AR operates a full 100 watts at a site located 29 meters above ground level. KLEK is restricted in antenna height due to proximity to Jonesboro Municipal Airport. They tell REC:

“On the western side of Jonesboro, there are a lot of trees which impedes our signal. On top of this on the western side of Jonesboro, KLEK-LP sometimes get interference from KKDY, a 50,000 watt Class C2 station out of West Plains, MO. It is our belief that an increase to 250 watts would strengthen our signal on the western part of Jonesboro and overcome the dual challenges of dealing with numerous trees and interference from KKDY.”

Real world case: KQRP-LP

KQRP-LP, Malakoff, Texas also operates a full 100 watts with their radiation center 29 meters above ground level. Despite the fact that they are operating with a two bay antenna and are right near the maximum height allowed before needing to reduce power, they continue to have building penetration issues. They are also experiencing issues with tropospheric ducting from KRMX, Marlin,

Texas, a station that not just meets the minimum spacing but the full spacing where it is predicted that the LPFM station will not receive interference from them. They tell REC:

“The power level and antenna height are adequate to get our signal into wood, concert and brick structures in our 60 dBu contour, but only under optimum atmospheric conditions. When atmospheric conditions are less than optimal and tropospheric ducting is occurring, our signal is unable to overcome interference, inside the structure, caused by a Class C2 co-channel station over 90 miles away. Under these adverse conditions, KQRP-LP’s signal suffers from fading at various locations within our 60 dBu contour while being received in a moving automobile.

KQRP-LP’s signal is completely unable to penetrate into metal structures that are located within our 60 dBu contour. One of KQRP-LP’s underwriters is located in a metal building and cannot receive our signal. Another is located in a concrete structure and has problems receiving our signal on a regular basis. As one can imagine, this makes it very hard to find local businesses that are willing to underwrite a station that cannot be reliably tuned in.”

KQRP-LP does touch on two important issues that affect LP-100 broadcasters. First, the problem with tropospheric ducting at certain times of the year can wreak havoc on an already weak signal. Being formerly based in Southern California, REC had first-hand experience with the effects of tropospheric ducting in the FM broadcast as well other spectrum bands in the Los Angeles area. The “trop” will make some weaker stations unusable when they are greeted by a fully spaced neighbor who decides to “drop in for a visit”.

KQRP-LP also tells about the financial viability of a station that is unable to place a reliable signal within their “three mile zone” (“TMZ”)³ into the places where people actually listen to the radio for longer periods of time. Those who fund non-commercial educational (“NCE”) broadcast stations including LPFM do so because they support the programming that the station carries. An

³ - “Three Mile Zone” is a term invented by REC to describe the primary service area of a LP-100 station. Not to be confused with the term “twenty mile zone”, which is used to refer to the area around Hollywood, California associated with motion picture industry.

acknowledgement of their donation to the station is a fringe benefit even though some underwriters may fund a station just to get their own name out. In addition, those who underwrite LPFM stations want their names associated with the station and the overall mission of the station's operation. An underwriter is much less likely to be associated with a station that poses a substantial challenge for the listener to receive inside a building within the LPFM station's TMZ.

In all of these cases, LPFM stations are experiencing field strength issues within their TMZ due to low antenna heights and low ERPs.

INTRODUCE NEW LP-250 SERVICE AS AN UPGRADE TO LP-100

Introduction

One of the most frequent inquiries to REC is regarding the ability to increase power. We have been hearing from LPFM stations that due to various factors, they are experiencing various challenges due to issues such as building penetration, multipath and interference from co-channel and first adjacent stations where the LPFM station is either within or outside their interfering contours yet fairly distant from their service contours. These LPFM stations, many of which are at ground level and not on mountaintops feel that an increase in power will help with these issues such as building penetration by providing a more reliable indoor service.

In the Fourth Notice of Proposed Rulemaking, the Commission acting on comments by Amherst Alliance ("Amherst") and the Catholic Radio Association ("CRA") recommended a 250-watt service ("LP-250").⁴ Both Amherst and CRA focused their argument in support of LP-250 as a method to extend coverage to rural areas. As a result, the Commission made various inquiries in regard to whether such a service should be limited to rural areas as well as should be offered to established stations that

⁴ - - See *Creation of a Low Power Radio Service, Fifth Report and Order, Fourth Notice of Proposed Rulemaking* ("4th NPRM"), 27 FCC Rcd 3334 (2012) at 49.

have “demonstrated their ability to construct and provide a limited opportunity to expand their listenership”.⁵

REC feels that based on the outcome of the 2013 LPFM filing window, there is no need for geographic restrictions for an upgraded LP-250 service. Instead, crowded spectrum areas will naturally be excluded from upgrades while extending the ability for LPFM stations in less spectrum-crowded but urbanized areas to be able to request an upgrade. Studies performed by REC show that a large majority of LPFM stations will be able to maximize their signal strength within their core (5.6 kilometer) service area and rural LPFM stations will be able to extend their reach through this upgrade.⁶ This can be done while still preventing interference to incumbent full-power and FM translator services which would be a concern to organizations such as the National Association of Broadcasters, National Public Radio, the State Broadcasters Associations and other full-service and FM translator interests.

With no geographic restrictions, as many as 75% of all authorized LPFM stations will be able to upgrade to LP-250 as a minor change with an majority being able to upgrade on their current channel.

With that, REC is asking the Commission to amend Part 73 of the Commission’s Rules to permit the ability for eligible LP-100 stations to upgrade to LP-250.

Issues previously raised

In response to the 4th NPRM when LPFM was originally proposed, several interests from the full-service broadcast industry voiced their opposition to the LP-250 service. In their Reply Comments, the National Association of Broadcasters (“NAB”) stated that the legislative record of the Local Community Radio Act was based on “Congress’ understanding that LPFM stations operate at a maximum of 100 watts.”⁷ In the Fifth Report and Order, the Commission found the NAB’s reliance of

⁵ - Id. at 51.

⁶ - See Appendix E.

⁷ - See NAB Reply Comments, May 21, 2012, at 10.

the legislative history to be unpersuasive stating that the statements merely describe the rules governing LPFM service at the time when Congress was considering the LCRA.⁸ However, the Commission has not fully resolved this question as LP-250 was not adopted in the Fifth R&O.⁹ If Congress fully intended for the LCRA to not apply to any service of more than 100 watts ERP, the LCRA would have been codified with a definition of LPFM stations that would have included the 100 watt limit. This Petition for Rulemaking now creates an opportunity for the Commission to address this issue.

The NAB further states concerns over the studies that were released in the Fourth R&O in the implementation of Section 5 of the LCRA that states that when licensing new LPFM and FM translators, the Commission must assure that licenses remain available for both LPFM and FM translator stations.¹⁰ In those studies, the Commission relied on “extensive spectrum availability studies to determine the LPFM licensing studies that remain in various markets across the country” and based on that, “the Commission identified the universe of pending FM translator applications that must achieve its dual goals of providing LPFM licensing opportunities in as many markets as possible while facilitating to the maximum extent possible the grant of pending translator applications in all markets.”¹¹ NAB further claims that all of those analyses and conclusions in the Fourth R&O were based on LPFM as a service with a maximum operating level of 100 watts and that the LCRA mandates that, when licensing new LPFM and FM translator stations, the Commission must ensure that licenses remain available for both LPFM and FM translator stations.¹²

That was 2012. It is now 2015. Out of the over 13,000 applications filed during the Auction 83 FM translator window, all but 275 (2.1%) applications have been processed and of the 2,764 LPFM applications filed, 215 (7.8%) remain. The Auction 83 translators know where they are going. The

⁸ - See Fifth R&O at 206.

⁹ - Id.

¹⁰ - LCRA Section 5(1).

¹¹ - See NAB Reply Comments at 13.

¹² - Id.

outcome of this auction was that only 8 applications in 4 groups will be subject to auction¹³ and non-profit organizations and speculators raked in millions in the sale of unbuilt construction permits. In other words, we have reached a point where about 98% of the FM translator construction permits have been awarded. With that, the Commission has fulfilled their Section 5 obligations where it comes to the 2003 Auction 83 and 2013 LPFM filing windows. Since Section 5 of the LCRA only addresses *new* FM translator, booster and LPFM stations, any Section 5 argument against LP-250 would be no longer valid as REC is not proposing LP-250 on an original construction permit but instead as an upgrade to an existing LP-100 station granted under Section 5 as well as from the original LPFM window that predates the LCRA.

The NAB further challenges the hyperlocal nature of a LP-250 service claiming that if LPFM stations upgrade to LP-250, the stations could no longer “be characterized as a low-powered service designed to serve very-localized communities and small, local groups with particular shared needs and interests.”¹⁴ They further state that if an organization wishes to operate a 250-watt station, they should obtain a Class-A license just like the numerous broadcasters who operate at that power level today.¹⁵ Unlike FM translator and full-service stations, LPFM stations are more likely to be at low level locations such as on school campuses and churches as opposed to antenna farms and mountaintops. Actually, because of the field strength limits of LP-100 and even LP-250, LPFM stations at major commercial sites such as Mount Wilson in Los Angeles would be ineffective. For LPFM stations, the increased power is to address building penetration and other coverage issues within the “three mile zone” (the 1 mV/m contour of the LPFM station). Under the current rules, obtaining the ability to operate a Class-A station, especially in the non-reserved band is not as easy as the NAB makes it to be. Even at LP-250, LPFM will continue to be secondary, no different than a translator. Nothing in this Petition for Rulemaking will suggest to the contrary.

¹³ - See *FM Translator 83 Mutually Exclusive Applications Subject to Auction*, Media Bureau Announces Immediate Opening of Auction 83 Settlement Period; Public Notice, DA-14-581 (April 30, 2014) at Attachment A.

¹⁴ - See NAB Reply Comments at 14.

¹⁵ - *Id.*

Finally, we address an issue that was raised by the Commission where there was disagreement between commenters among issues such as station location restrictions (such is whether to make this a rural-only service or whether to allow it in urban areas) as well as disagreement over the technical parameters of the service.¹⁶ To address these issues, we are starting this discussion at the Petition for Rulemaking stage instead of in the middle of an active rulemaking proceeding as was the case of Amherst and CRA. Starting the discussion now will allow other stakeholders to make their input on the technical parameters and REC is willing to work these other stakeholders to introduce a service that as many stakeholders can agree on. Unlike the original approach Amherst and CRA took in their petitions, REC feels that the bigger issue is service improvement within the “three mile zone” around the LPFM transmitter site. This is still a significant issue that does not jeopardize the hyperlocal aspect of LPFM. Instead, it improves the hyperlocal experience to assure that LPFM stations are heard in as many homes and places of businesses as possible. The ability to provide a level of service to rural areas is an ancillary but important benefit for some stations.

Introducing a new class of service

REC is proposing a new class of service for LPFM. This service will be allowed to operate at a maximum of 250 watts at 30 meters height above average terrain (“HAAT”) which will result in a service contour of 7.1 kilometers. Under the new LP-250 class of service, LPFM stations may operate at a minimum of 101 watts at 30 meters HAAT with a service contour exceeding 5.6 kilometers and up to 7.1 kilometers. LP-100 would remain at 100 watts at 30 meters HAAT with a service contour between 4.7 and 5.6 kilometers in order to maintain the status-quo.

The introduction of LP-250 is compliant with the Local Community Radio Act

Section 2 of the Local Community Radio Act (“LCRA”)¹⁷ prescribes the Commission to “...modify the rules authorizing the operation of low-power FM radio stations as proposed in MM Docket No. 99-25, to (1) prescribe protection for co-channels and first- and second- adjacent

¹⁶ - See Fifth R&O at 206.

¹⁷ - Pub L. No. 111-371, 124 Stat. 4072 (2011).

channels..”. In Section 3(b)(1) of the LCRA, the Commission “shall not amend its rules to reduce the minimum co-channel and first and second- adjacent channel distance separation requirements in effect on the date of the enactment of this Act between (A) low-power FM stations; and full-service FM stations. LP-250 does not propose to place any LPFM station at a distance to any full service station that is shorter than those distances specified in §73.807(a). Based on this, the implementation of LP-250 meets the statutory minimum criteria for LPFM stations. Interference contours from LP-250 stations will still be protected from full power FM service contours on average of 13.2 km on co-channel and 17.3 km on first-adjacent channel. Second-adjacent channel minimum spacing for LP-250 would increase over its LP-100 counterpart thus meeting the statutory requirements of the LCRA. The Commission has already acknowledged that it is not statutorily precluded by the LCRA or any other statute from being able create a new LPFM class of service as long as the §73.807(a) minimum spacing tables in respect to “full-service” FM stations that were in effect at the time of the implementation of the LCRA.¹⁸ Therefore, LP-250 meets all statutory requirements.

INTERFERENCE PROTECTION TO FULL POWER STATIONS

Reducing the “buffer zone”

When the Commission first created LPFM, it included a 20 kilometer “buffer zone” around the maximum service contour of full-power FM stations. In the original Report and Order, the Commission states that the buffer zone “will help to protect FM radio facilities that were modified or upgraded in a manner that would create a short spacing with an operating LPFM station.”¹⁹ In the Fourth NPRM, the Commission proposed to penetrate the buffer zone by permitting the LP-250 service to have the same

¹⁸ - See *Creation of a Low Power Radio Service, Sixth Report and Order*. (“Sixth R&O”). 27 FCC Rcd. 15479 (2012) at 206. (“We note, however, that the LCRA does not contain any language limiting the power levels at which LPFM stations may be licensed. We also find unpersuasive NAB’s and NPR’s reliance on certain statements in the legislative history. These statements merely describe the rules governing LPFM service at the time Congress was considering the LCRA.”)

¹⁹ - See *Creation of a Low Power Radio Service, Report and Order*. (“Original R&O”). 15 FCC Rcd 2205 at 64.

distance spacing separations as the LP-100 through buffer zone penetration.²⁰ The upgrade to LP-250 will create interference contours that can come in as far as 8.8 kilometers into the buffer zone for Class B FM stations. REC feels that method of accommodating a new LP-250 is proper as it will provide as many LPFM stations as possible to expand their service and interference contours while still remaining clear of overprotected full power stations.

Co-channel and first adjacent channel protections

For domestic full-power full-service FM stations, the provisions of the Local Community Radio Act prevent the minimum spacing to be reduced²¹. As we mentioned earlier, the buffer zone allows LPFM to upgrade to higher power while remaining clear of the service contours of full power FM stations.

Short-spaced LPFM stations. – Currently, there are a number of LPFM stations where due to subsequent application activity by the full service station does not meet the minimum distance separation as outlined in §73.807(a) of the Commission’s Rules. Normally, a short-spaced LPFM station is permitted to move and remain short-spaced as long as the short-spacing is not being reduced.²² In the case of the LP-250 upgrade, the station is not changing location and unlike upgrades in the full-power world, the upgraded class of service has the same distance separation requirements.

To address the concerns for potential interference of short-spaced LPFM stations upgrading to LP-250, we are proposing that if a short-spaced LP-100 station wishes to upgrade to LP-250, they will need to make a technical showing that the interfering contour of the proposed upgraded LPFM facility will not overlap the service contour of the full-service contour. This is no different than the same showings that FM translators must make. REC must stress that this proposed use of contour overlap is

²⁰ - See Fourth NPRM at 51 and footnote 125.

²¹ - See LCRA, Section 3(b)(1).

²² - See 47 C.F.R. §73.807(a)(1). (“LPFM modification applications must either meet the distance separations in the following table or, if short spaced, not lessen the spacing to subsequently authorized stations.”)

only to demonstrate no interference and is not intended to bring LPFM stations closer to full-service stations in contravention with the LCRA. If an LPFM station wishes to change location in order in association with the upgrade, they will not be able to move closer to the short-spaced station like in current policy. If an LPFM station moves away from a short spaced station but still remains §73.807 short-spaced to that facility as a LP250, the LPFM station would be required to include a contour overlap study that shows that the interfering contour of the LPFM station at the new location with the increased ERP would not result in contour overlap with the service contour of the short-spaced facility.

Second adjacent channel protection

Because the 100/97/94 dBu interfering contour would gradually increase at the LP-250 level, this means that the minimum distance separation requirements for LP-250 stations will increase in respect to second adjacent channel stations. This may also cause some LPFM stations that are not currently second-adjacent channel short spaced at the LP-100 level to be short-spaced at the LP-250 level.

LPFM stations that are currently second-adjacent channel short spaced either through a waiver or through subsequent application activity by the full-service station will face a challenge when trying to upgrade to LP-250 as their current height above ground level. While not causing interference to potential listeners at the LP-100 level, these LPFM stations may cause interference to potential listeners at the LP-250 level due to a larger “overlap zone” caused by a larger interference contour from the radiation center of the antenna.

REC proposes that all requests for an upgrade to LP-250 that already has or will result in a new second-adjacent channel short spacing must be accompanied by a request for a waiver of §73.807 of the Commission’s Rules in respect to the short-spaced second adjacent channel station(s). The waiver request would need to include a technical study that either shows that the second-adjacent channel interfering contour of the upgraded LPFM station would not overlap the service contour of the short-spaced station or a demonstration of no interference which can include such items as a map of the proposed interference area, a tower diagram, a satellite or aerial photograph, the antenna manufacturer’s

vertical radiation pattern and/or any details about any nearby structures or major roadways.²³ This will mean that LP-100 stations already on a waiver would have to ask for a new waiver to upgrade to LP-250.

Protection to Radio Reading Services

In addition to all other protections afforded to facilities by LPFM stations, the LCRA specifies that protection be retained for full-service facilities carrying Radio Reading Services (“RRS”) for the blind and visually impaired operating on third-adjacent channels.²⁴ With the upgrade to LP-250, the interference contour from the LPFM station will increase. This will result in the §73.807(a) minimum distance spacing requirements for RRS stations on third adjacent channels to also increase.²⁵ REC proposes that LPFM stations that are currently not short-spaced to an RRS at the LP-100 level but would be short-spaced to an RRS at the LP-250 level would not be eligible for an upgrade on that channel. There is no provision in the LCRA that allows a waiver of the third-adjacent channel, therefore, the Commission has no jurisdiction to waive §73.807(a) even if the LPFM station can demonstrate that there will be no interference to the third-adjacent channel RRS station. LPFM stations that are already short-spaced to an RRS due to subsequent activity done by the RRS station would not be eligible for an upgrade due to the higher distance requirement thus reducing the short spacing to the RRS station.

Intermediate Frequency

In the Sixth Report and Order at the request of REC, the Commission eliminated the intermediate frequency (“IF”) protection requirement for LPFM stations operating at 100 watts or less in respect to domestic FM stations.²⁶ With LP-250, a majority of the upgraded stations will operate with an ERP exceeding 100 watts. In those cases, REC does propose that LP-250 stations be required to protect the

²³ - See Sixth R&O at 78.

²⁴ - See LCRA, Sec. 4.

²⁵ - See 47 C.F.R. 73.807(a)(2).

²⁶ - See Sixth R&O at 71.

intermediate frequencies of full-power FM stations. However, like with translators, if a LP-250 station is operating at a reduced power due to height above average terrain resulting in their maximum authorized power to be 100 watts or less, then the LP-250 station should be entitled to also waive the IF spacing requirements.²⁷

Proposed Spacing Tables

In respect to domestic full-power FM stations, REC proposes the following distance separation table for the new LP-250 service:

Class	Co-channel		First-adjacent channel		Second adjacent channel	I.F. channel
	Required	Fully spaced	Required	Fully spaced		
D	29	26	16	15	7	3
A	67	92	56	56	30	6
C3	78	119	67	67	41	9
B1	87	119	74	74	47	9
C2	91	143	80	84	54	12
B	112	143	97	97	68	12
C1	111	178	100	111	74	20
C0	122	193	111	130	85	22
C	130	203	120	142	94	28

In respect to domestic full-power FM stations in Puerto Rico and the Virgin Islands, REC proposes the following distance separation table for the new LP-250 service:

Class	Co-channel		First-adjacent channel		Second adjacent channel	I.F. channel
	Required	Fully spaced	Required	Fully spaced		
A	80	111	70	70	43	9
B1	95	128	82	82	54	11
B	138	179	123	123	93	19

(NOTE 1) LPFM stations must maintain a minimum separation to FM stations operating radio reading services on third-adjacent channels by the values shown in the second adjacent channel.

(NOTE 2) LP-250 stations operating 100 watts ERP or less need not satisfy the IF minimum channel separation requirements.

²⁷ - See 47 C.F.R. §74.1204(g). (“Provided however, that FM translator stations and booster stations operating with less than 100 watts ERP will be treated as Class D stations and will not be subject to intermediate frequency separation requirements.”)

Super-powered Stations

Current LP-100 rules require that LPFM stations protect super-powered FM stations in the reserved band to the service class appropriate for the service contour size.²⁸ While we propose a similar rule for LP-250.

Foothill Effect LPFM Stations

The “Foothill Effect” is what REC calls the extremely large lobe of a service contour that is created by an LPFM station placed at a location overlooking a valley and at the foothills of a considerably large mountain range. Stations in some communities such as Albuquerque are placed in locations where because of the Foothill Effect, they have significantly large service contours in one direction. This is one aspect of LPFM that does concern full-service broadcasters. We do feel that full-service FM stations, even though properly spaced from LPFM stations should be protected from upgraded LPFM stations able to take advantage of the foothill effect.

In this proposal, REC considers a Foothill Station as one that has a service contour that has a lobe in any of 360 equal radials that places an effective ERP in that direction of 10 dB over the reference ERP for the service contour. This same value is also the 50 dBu F(50, 50) contour at 30 meters HAAT. Therefore, a Foothill Station at the LP-250 level would have a minimum peak lobe distance extending to at least 12.7 km from the transmitter site in any direction. REC has identified 180 facilities that would be considered Foothill Stations.²⁹ It is important to note that not all of those stations would be able to upgrade for other reasons.

²⁸ - See 47 C.F.R. §73.807 – note to paragraphs (a) and (b).

²⁹ - See Appendix C. To generate this report, we used the Commission’s FM Service Contour Data Points for current records retrieved from: ftp://ftp.fcc.gov/pub/Bureaus/MB/Databases/fm_service_contour_data/FM_service_contour_current.zip. We then measured the distance from the transmitter site to the contour data point along 360 equally-spaced radials. Once we determined the peak distance, we identified facilities which, at their current power levels would have a peak distance that exceeded 10.2 km in any direction. This would be the equivalent of 100w + 10 dB at 30m HAAT. That same facility would achieve a contour of at least 12.7 km based on 250w + 10 dB at 30m HAAT as a LP-250 station. This is the same distance as would be a standard 50 dBu F(50, 50) contour based on flat-earth.

An extreme example is KURA-LP, Ouray, Colorado. This station is located in southwestern Colorado in a canyon northeast of Telluride. Because of the surrounding mountains including Hanson Peak, Brown Mountain and Dallas Peak, KURA-LP is located at -78.4 meters above average terrain. This affords KURA-LP a full 100 watts. As an LP-100 station, KURA places a very long lobe to the northwest. A lobe that extends 27 kilometers. As an LP-250 station, this service contour lobe will extend to 35.6 kilometers and the 40 dBu F(50, 10) interference contour will stretch as far as 94 kilometers to the northwest.

An examination of the LPFM stations that were classified as Foothill Stations did not bring up that many examples where a current LPFM station would not be able to upgrade to the maximum allowed ERP. One case we have been able to identify is KYGT-LP in Idaho Springs, Colorado. As a LP-100, KYGT-LP operates 100 watts ERP at 19 meters HAAT. Due to its location, it places a service contour lobe at the 57 degree azimuth that extends 18 km. At 250 watts ERP, that contour would extend to 22.3 km, which is well past the 7.1 km reference contour for LP-250. KYGT-LP is spaced 130.3 km from co-channel station KBIQ, a Class-C station in Manitou Springs, Colorado. The §73.807(a) minimum spacing required for both LP-100 and LP-250 is 130 km. Based on this, the station is properly spaced and eligible for 250 watts ERP. However, a contour overlap study shows that at 250 watts ERP, there is a slight overlap between the 40 dBu F(50, 10) interference contour of KYGT-LP and the 60 dBu F(50, 50) service contour of KBIQ over a populated area of Littleton. A slight power reduction of KYGT-LP to 223 watts ERP will result in the elimination of the contour overlap. This is an example of the rare cases where the Foothill Rule would require downward adjustment of an upgraded LPFM station's ERP. We have found in our study that a large majority of Foothill LPFM stations that are able to upgrade can do so without introduction of their interference contours into the service contours of full-service FM stations.

REC feels that the public interest dictates a balance between the need for LPFM stations to improve service to their community as well as the need of full-service broadcast stations to assure an interference free service within their coverage areas. REC does recognize that very few LP250 stations

in extreme situations can place interfering contours into the service contours of full-service stations that otherwise meet the minimum distance separations outlined in §73.807(a) of the Commission's Rules. In those cases, we feel that it is appropriate that LPFM stations assure that there is no new contour overlap as a result of the upgrade.

In order to strike a balance between the need to maximize LPFM stations and to address the concerns of full-service broadcast stations, REC proposes that LPFM stations defined as Foothill Stations desiring upgrade to LP250 must make a showing that the interference contour of the proposed LP250 station will not overlap the service contours of any full-service FM or FM translator stations. LPFM stations should also be given the opportunity to propose reduced power to address any contour overlap. In no case shall a LPFM station propose LP250 service at a location that does not meet the minimum distance separation of §73.807(a). REC does not support any changes to the LP100 rules. Only the new LP250 service should be subject to this additional study.

Again, REC feels that this proposal will address the concerns by full service stations of the potential of interference to full-service stations by an extremely small subset of upgrading LPFM stations by placing the burden on those few LPFM to demonstrate their upgraded station will not cause new interference.

Additional protection for “Foothill” full-service facilities

Like with LPFM stations, some full power stations may have lobes in their service contours in certain directions that go well past the standard service contour distance for their station class. These contours can create contour overlap between an LPFM station and a full-service station despite being properly spaced under §73.807(a).

Like with our LPFM Foothill List, REC has identified 152 full-service FM stations in the non-reserved band with a service contour that has a lobe in any of 360 equal radials that places an effective ERP in that direction of 10 dB over the reference ERP for the service contour. This means for each service class, there is at least one lobe that extends past the following distances:

Full Service Station Class	If the service contour extends in any direction past the following distance:	The LP-250 station must include a showing that there will be no contour overlap if the full-service station is less than the distance shown:		
		Co-channel	First-adjacent channel	Second-adjacent channel
A	46.3 km	91	65	47
B1	66.0 km	122	89	68
B	88.6 km	149	116	90
C3	59.2 km	103	78	60
C2	74.5 km	119	94	76
C1*	95.9 km	140	115	97
C0*	107.2 km	151	126	108
C*	119.1 km	163	138	120

There are no foothill stations in Puerto Rico or the Virgin Islands due to the larger contours.

REC proposes to create a new Section 73.815 of the Commission’s Rules. Under REC’s §73.815 proposal, all LP-250 stations must not only meet §73.807 minimum spacing with the full-service FM “Foothill” stations but there can’t be any prohibited contour overlap. Under our proposed rules, non-foothill LPFM stations will be required to make a contour showing it proposes LP-250 operation within the distances shown. These distances are based on the ERP + 10 dB values shown in the second column plus the standard interference contour based on channel adjacency and full-service station class. Foothill LPFM stations will already be subject to making this showing. Of LPFM stations that are not already identified as Foothill stations, only 10 LPFM stations would be required to make this showing if they wish to upgrade.

INTERFERENCE PROTECTION TO FM TRANSLATORS AND BOOSTERS

When LPFM was created, FM translators and boosters were not afforded the same buffer zone as full-power FM stations. This will mean that for the upgraded LP-250 service, the minimum distance separation requirements to translators will increase on co-channel and first-adjacent channels.

LPFM stations wishing to upgrade to LP-250 must protect translators using the LP-250 distance separation tables. If the upgrade to LP-250 would cause the LPFM to be short-spaced to the FM translator, then the upgrade is not available.

REC proposes the following table for protection to FM translators by LP-250 stations:

Service contour size	Co-channel		First-adjacent channel		Second adjacent channel	I.F. channel
	Required	Fully spaced	Required	Fully spaced		
>13.3	44	67	30	37	22	None
7.3-13.3	37	51	23	27	15	None
<7.3	31	30	17	18	9	None

Separately in this Petition for Rulemaking, we will address placing LPFM and translators on a more-level playing field in respect to second-adjacent channel protection.

PROTECTION TO FOREIGN STATIONS

Processes to handle LP-250 stations from an international standpoint already exist as they are currently used for LP-100 stations and FM translators. With the power increase to LP-250, there are some additional international concerns that will need to be addressed through rulemaking to implement certain portions of the international agreements with Mexico and Canada in relation to LPFM stations.

Protection to Canada

The current international agreement with Canada permits secondary (LPFM) stations to operate up to 250 watts within 320 km of the common border.³⁰ The only limitation is that LPFM stations are limited to a 34 dBu interfering contour not exceeding 60 km in any direction.³¹ In order for an LPFM station to exceed this limit, it would have to be a “foothill effect” station with at least one radial that has a height above average terrain that exceeds 100 meters (a 60 dBu service contour of 12.9 km). Since we are already proposing that “foothill effect” stations (those that have one radial of their 60dBu service contour exceeding 12.7 km) to make a technical showing of a lack of contour overlap with other

³⁰ - See *Working Agreement for the Allotment and Assignment of FM Broadcasting Channels under the Agreement between the Government of Canada and the Government of the United States of America relating to the FM Broadcasting Service*. (“Canada Agreement”) as amended, July 9, 1997 at Section 4.3 (“LPFM stations may be allowed an effective radiated power not to exceed 250 watts in any direction and an interference contour (34 dBu) of not to exceed 60 km.”)

³¹ - Id.

facilities, those Foothill Stations near Canada would also need to demonstrate that no lobe (based on 360 radials) at 34 dBu F(50,10) exceeds 60 km. LP-250 stations should be permitted to proposed reduced power in order to meet this requirement.

Protection to Mexico (125 to 320 km)

LPFM stations located between 125 and 320 kilometers of Mexico are permitted to operate up to 250 watts ERP provided the station does not place a 60 dBu service contour within 116.3 kilometers of the border.³² In order to reach this limitation, an LPFM station that is at the 125 km line may not have a radial exceeding 44 meters height above average terrain in the direction of Mexico. We do not feel there will be many instances of this happening we don't feel that a certain study should be required. Instead, LPFM applicants should be made aware of this provision in the international agreement and that non-compliant applications could be dismissed or have a power reduction.

Mexican Strip Zone (less than 125 km)

LPFM stations that are located within 125 kilometers of the Mexican border ("Strip Zone") are limited to 50 watts ERP.³³ While not specifically codified in the rules for LPFM, all LPFM stations within the Strip Zone are being granted with ERP not exceeding 50 watts.³⁴ In the Strip Zone, LP-100 stations that are higher than 43 meters HAAT were assigned an even more reduced power as to keep the service contour within 5.6 kilometers. Within the Strip Zone, there is an additional restriction that

³² - See *Agreement Between the Government of the United States of America and the Government of the United Mexican States relating to the FM Broadcasting Service in the band 88-108 MHz*. ("Mexico Agreement") at 2.1.5 ("An LPFM station located in excess of 125 km from the common border may operate with an ERP in excess of 50 watts in the direction of the other country, provided the protected contour produced is no greater than, starting at 125 km from the common border, 8.7 km in the direction of the other country.") Note: In both the Mexico and Canada agreements, the term "LPFM" is used to encompass all low powered secondary services such as LPFM, FM translators and FM boosters.

³³ - *Id.* at 2.1.2.

³⁴ - See Report and Order at 72.

LPFM stations may not have a service contour with a lobe that extends more than 8.7 kilometers in the direction of Mexico.³⁵

A majority of the LPFM stations located within the Strip Zone will not be eligible for upgrades to LP-250. This is mainly because these stations are at a HAAT below 43 meters and therefore are already limited to 50 watts and there would be no benefit to the station by upgrading to LP-250. There are only a small number of stations in the Strip Zone with HAATs above 43 meters. One station, Facility ID 194977 in Bisbee, AZ is already throttled back to 18 watts at 59 meters HAAT (5.2 km service contour). This is because at the highest allowable power (25 watts), the station would create a lobe towards Mexico that exceeds 8.7 km. REC has identified only two LPFM stations in the strip zone that could see any benefit from the upgrade:

Call or Fac. ID	Location	Distance to Mexico	HAAT	LP-100 ERP	LP-250 ERP
KBRP-LP	Bisbee, AZ	12km	137m	5	12
KHIA-LP	Brundage, TX	62m	48m	38	50

REC proposes that LPFM stations within the Strip Zone that wish to upgrade to LP-250 must make a showing that (1) they are at a height of more than 43 km HAAT, (2) that the proposed operation will not result in a service contour of 8.7 km in the direction of Mexico and (3) no station may propose to operate more than 50 watts ERP. At this time, only two LPFM stations may be able to take advantage of this.

British Virgin Islands (BVI)

At this time, there are two authorized LPFM stations in the U.S. Virgin Islands. WTJC-LP in Charlotte Amalie which operates 1 watt at 293 meters HAAT. As a LP-250, this station would be able to operate at 3 watts and would place a 40 dBu interference contour on the BVI island of Tortola. The other facility is a 2013 facility approved for John Brewer's Bay (Facility ID 196438). Unlike WTJC-LP, this is a low level facility on the western portion of Charlotte Amalie with terrain blocking in the direction of the BVI. At 250 watts, the predicted 40 dBu interference contour does not reach land in the

³⁵ - Mexico Agreement at 2.1.3.

BVI. From what we can see, the John Brewer’s Bay station would be the only station in the Virgin Islands that would be able to upgrade to LP-250. REC feels that upgrade requests by LPFM stations in the U.S. Virgin Islands should not be prohibited by rule but instead should be handled on a case-by-case basis based on the station’s ability to protect foreign stations and allotments.³⁶

PROTECTION TO OTHER LOW POWER FM STATIONS

LP-250 will only be available in areas that are properly separated from other LPFM stations that would be in simultaneous operation. The proposed minimum spacing between LPFM stations would be as follows:

Class relation	Co-channel		First-adjacent channel	
	Required	Fully Spaced	Required	Fully Spaced
LP-100 to LP-100	24	24	14	14
LP-100 to LP-250	26	29	15	16
LP-250 to LP-100	29	29	16	16
LP-250 to LP-250	31	31	17	17

As we will note below, during the introduction period of LP-250, all LPFM stations should be assumed as able to upgrade and as a result, LP-100 stations upgrading during the introduction period would be required to protect all other LPFM stations as if they are already LP-250 stations. This assures all LPFM stations are given an opportunity to upgrade.

IMPLEMENTATION OF LP-250 SERVICE

Classification of change

It is REC’s desire to see the ability to upgrade to LP-250 (as well as the ability to downgrade to LP-100) to be performed as a minor change. As a minor change, the applicant should be able to change

³⁶ - Unlike Mexico and Canada where there are formal agreements, there is no formal agreement with the BVI. Instead, the Commission reports facilities to the International Telecommunications Union. We do also note that there is information in the Commission’s CDBS database regarding BVI stations however REC’s own research has shown that the information is not complete. See: http://www.recnet.com/fcc/lpfm_prvi.pdf

to an adjacent channel (first-, second- or third adjacent as well as IF channels) or upon a showing of reduced interference, to any channel. Upgrades to LP-250 should be able to be done at any time without having to wait for a filing window. As explained below, the ability for LPFM stations authorized in a subsequent window to upgrade should be withheld until a specific date when as many of the new LPFM stations can start applying for the upgrade on the same day.

Upgrades only

REC proposes to limit the ability to move to LP-250 be limited to LPFM stations with granted construction permits or are already licensed. We feel that if we were to allow LP-250 in addition to LP-100 during a filing window for new construction permits, it will add additional complexities to the MX process and it will result in fewer LPFM opportunities during the window.

REC feels that a filing window that is limited to only LP-100 facilities would gauge the demand for spectrum in the area thus determining if the demand is low enough in a particular area to warrant the ability for stations to upgrade to LP-250 and as mentioned . We find this process more favorable than a rural-only methodology as originally proposed by Amherst and CRA. Once the “dust clears” and we know where LPFM stations will be located and on what channel, those LPFM stations that are in a position to upgrade will be able to “stretch out” to LP250 when the introduction period described below starts.

Introduction period

REC predicts that there will be a considerable demand for this upgrade. In order to assure that all LPFM stations are able to fairly upgrade, we are proposing that there is an introduction period of at least 30 days. The first day of the introduction period is the first day that LP-250 would be available to all eligible stations and applications can be filed. Also note, that many LPFM stations, especially in rural areas will be eligible for Automatic Upgrade Authority which will discuss below. This will help reduce the load of Form 318s being processed by Audio Division staff.

It is important to note that during the introduction period in order to assure that all LPFM stations are able to upgrade, we will need to restrict upgrades to LPFM stations that do not have another simultaneously operating LPFM station within 31 kilometers on co-channel or 17 kilometers on the first adjacent channel. This assures that two LP-100 stations that are 31 km apart from each other would be able to both upgrade.

After the introduction period, we see LP-250 upgrade applications being handled on a first-come-first-served basis using the separation table we have already proposed.

LPFM stations approved in a subsequent filing window will not be able to automatically upgrade. Instead, an introduction date will be announced and an introduction period will be available for the newly granted LPFM stations to obtain their upgrades at the larger distance separations.

For the period from when the Introduction Period is announced and until the end of the Introduction Period, we ask for either (1) an application freeze for FM translators and boosters or in the alternate, (2) that all LPFM stations are considered 250 watts at 30m HAAT (7.1 km service contour). This will assure that LPFM stations which are equal in status to FM translators³⁷ are given a fair opportunity to build out their stations. After the introduction period, spectrum will be first come-first served where it comes to translators.

Automatic Upgrade Authority

To help expedite the process to allow for LP-100 stations to be permitted to upgrade to LP-250, REC is proposing that an automatic upgrade authority (“AUA”) be given to LPFM stations that meet specific criteria. Under AUA, LP-100 stations would be given a period of time (such as 180 days) to voluntarily upgrade their stations to LP-250. During the AUA period, the stations will be protected as LP-250 stations by translators and other LPFM stations. AUA would be offered to stations that are able to upgrade without any additional studies or coordination required.

³⁷ - See LCRA, Section 5(3).

REC envisions that AUA would be granted by Public Notice. The Public Notice would identify the stations and their newly authorized effective radiated power. Once a station completes their upgrade to LP-250, they can file a Form 319 to modify their license to reflect their new ERP and transmitter power output. REC feels this process not only reduces the paperwork burden by LPFM licensees and assures a quick deployment of LP250, but it also reduces the administrative burden on the Commission.

If a station fails to upgrade during the AUA period, they may still upgrade by filing for a minor change request using Form 318.

REC's proposed criteria for AUA is as follows:

Fully licensed station – REC proposes to limit the AUA concept to only stations that have filed their license to cover for the facility qualified for AUA. This way, LPFM licensees who take advantage of AUA can make the power adjustment and then once stable at their newly authorized power, they can file a request to modify their license to reflect the new effective radiated power and transmitter power output.

No short-spacing – The concept of AUA is to allow stations that do not have any issues that would be a potential for interference to automatically make the upgrade with minimal paperwork and controversy. As our proposed rules call for additional studies if a station is currently short-spaced or as a result of an upgrade, create new short-spacing, AUA would not be possible. The only exception would be LPFM stations that are short spaced to other LPFM stations where simultaneous operation is not allowed in accordance with a time share agreement.

No "Foothill Effect" LPFM or full-service stations – REC's proposed rules call for an additional study for LPFM stations that propose an LP250 facility with a service contour that has a lobe that exceeds 12.7 km to show that there is no prohibited overlap with any other facility. Stations recommended for AUA by REC are those that currently, at the LP100 level, have a service contour that do not exceed 10.2 kilometers. Also, any nearby Foothill Effect full-service FM station on co-channel or an adjacent channel will also exclude the application from AUA due to the additional contour overlap protection required.

No stations near international borders – Unlike the international negotiations that increased the Class A to 6kW in Canada and created the Class AA station in Mexico, the upgrade of LP100 to LP250 will not result in any changes in international agreements but will use the existing treaty language involving LPFM stations. Since the Commission, through the International Bureau must coordinate all secondary services in the border regions, it is still unknown how many stations in the border regions would take advantage of AUA. In addition, like with the “foothill effect” rule, the terrain of the proposed upgraded facility may cause a service or interference contour that may violate international agreement. REC feels that would be better for the Commission to handle upgrade requests in the border regions through the construction permit process where a full showing can be made. Therefore, we would propose that AUA would not be available for LPFM stations located within 320 km of either the Mexican or Canadian borders.

Channels 221 through 300 only – Due to band crowding and the additional protections for Channel 6 TV stations, we will exclude LPFM stations in the reserved band from AUA. These stations can upgrade if a showing can be made they clear all facilities including TV Channel 6 stations. We note that there are only about 60 LPFM stations authorized in the reserved band.

For many of the same reasons, we also propose that stations in Puerto Rico and the Virgin Islands not be eligible for AUA but instead go through the normal Form 318 process.

AUA would be limited to operation on the current channel, location and radiation center height above ground level on the granted station license.

REC has identified 841 LPFM stations that meet the proposed criteria for AUA.³⁸

LP-250 for some, will be an engineered service.

Except for those who can upgrade through AUA, REC is proposing LP-250 mainly as an engineered service that may require the services of a qualified consulting engineer. During the 2013 LPFM filing window, REC noticed many errors on applications by those who did not use the services of

³⁸ - See Appendix D.

an engineer or professional consultant, especially those that involve a second-adjacent channel waiver. Determining whether an LPFM station wishing to upgrade will require a study based on the “foothill rule” can be done fairly easily in systems through the use of the service contours already provided by the Commission. In cases that involve any kind of short-spacing and in some cases, a station within 320 km of an international border, exhibits that will be produced by tools such as V-Soft, FM Commander or CommStudy 2 will be necessary, especially in cases where lack of prohibited overlap must be demonstrated.

REC does want to stress that we are proposing no changes to the LP100 service requirements. We still envision LPFM filing windows where only LP100 stations can be specified and then after most of the applications have been filed, an introduction period for LP250 will be opened up for those newly created stations. This arrangement will prevent a newly proposed LP250 station to be mutually exclusive with a new LP100 station.

The REC LP-250 proposal in summary form

- 250 watts at 30 meters HAAT (7.1 km service contour).
- LP-250 will be available as an upgrade to existing LP-100 stations only.
- Distance separation with full-service co-channel and first adjacent channel stations is the same as LP-100. There are increased distance spacing requirements for second adjacent as well as radio reading services on third adjacent channels.
- LPFM stations operating 101 watts ERP or higher must protect IF channels.
- LP-250 is not available within 125 km of Mexico except for two LPFM stations under waiver.
- Other restrictions apply on service contour sizes near Canada and Mexico.
- LP-250 stations that are in locations where a portion of their service contour extends more than 12.7 km (Foothill Stations) are subject to an additional restriction that the LPFM interfering contour can't overlap the service contour of a non-short spaced (by §73.807) facility.
- Full-service FM stations in the non-reserved portion of the band that have extra-long service contours in any direction because of the foothill effect are afforded additional

protection from LP-250 stations and are eligible for contour overlap protection in addition to §73.807 distance separation.

- LP-100 stations that are short spaced to other facilities on co-channel and first-adjacent channels and upgrading at their current location and channel must make a showing that the upgraded facility's interfering contour will not overlap into the short spaced station's service contour.
- Stations that are currently short spaced to second adjacent channel stations or will be short spaced as a result of the upgrade will be required to request a waiver of the second adjacent channel requirements by demonstrating lack of interference even though their current LP-100 facility may have already been granted a waiver.
- The implementation of LP-250 will be held until a specific introductory period where LP-250 will be available. During this time, LPFM to LPFM spacing will be the LP250 to LP250 for all LPFM stations to allow all LPFM stations to be able to upgrade.
- LP-100 stations that are not in border areas, not Foothill Stations and without any short spacing (before or after) are eligible for Automatic Upgrade Authority where the authorization is conveyed by Public Notice. The Public Notice will specify the station's newly authorized ERP. Stations under AUA that decide to upgrade can not change their antenna height or location under that authority (a Form 318 would have to be filed). Once the station has completed the power upgrade, they will file a 319 to modify their license. After 6 months, the AUA will expire and a station wishing to upgrade will have to file a 318. A 318 will also be required for location or antenna height changes.

A large majority of LPFM stations can upgrade

As we have proposed no geographic restrictions to the availability of LP-250 (as it will be based on spectrum availability only), we are able to accommodate a large majority of LPFM stations with an upgrade on their current channel or on an adjacent or IF channel which would not require a major change.

	Stations	%
Automatic Upgrade Authority – Stations that are not short spaced to any other facility and more than 320 km from an international border. These stations would be able to upgrade without making any additional showings. REC is asking for these upgrades to be automatic for a temporary period should these stations choose to upgrade.	840	33.1%
Upgrade is Possible – Stations that are not short spaced to any other facility but may have another factor (such as proximity to an international border) which prevents the station from using Automatic Upgrade Authority. Additional exhibits may be necessary.	501	19.7%
Upgrade is possible with a second adjacent channel waiver – Stations that are only §73.807 short spaced to a full service FM or FM translator station on a second adjacent channel. Exhibits must show that at the new power level, the station will not cause interference to listeners of the short-spaced second adjacent channel stations.	510	20.1%
Upgrade available with minor change – An upgrade is not available on the station’s current channel but it can be done through a minor change to a first, second or third adjacent channel or to an intermediate frequency.	57	2.2%
Upgrade available with major change – An upgrade is not available on the station’s current channel but it can be done through a major change to a non-adjacent channel.	324	12.8%
Non-upgradable – An upgrade is not available to the station at this location on their current channel or any other channel.	262	10.3%
Mexico Strip Zone – LPFM stations are limited to 50 watt ERP within 125km of the Mexican border. Due to the station’s HAAT, an upgrade to LP-250 would render no benefit to the station.	47	1.8%
Total Stations Evaluated	2,541	100%

Even with these upgrades, almost two-thirds of the FM translators will continue to have facilities superior to those of LPFM stations:

Service contour size	Translators	LPFM
Less than 4.7 km	702	0
At least 4.7 km and less than or equal to 5.636 km	607	633
Greater than 5.636 km and less than or equal to 7.089 km	1,426	1,908
Greater than 7.089 km	4,951	0
Totals	7,686	2,541

(NOTE: This table assumes that all LPFM stations on second adjacent channels would be able to upgrade. The actual number of LPFM stations in the 5.636-7.089 category will actually be lower with them being re-categorized in the 4.7~5.636 category.)

PROTECTION PARITY WITH FM TRANSLATORS

With the potential of LPFM stations being able to upgrade to 250 watts ERP, we must take into consideration that from a technical standpoint, there's truly no difference between a LPFM station and a FM translator yet there continues to be a lack of parity between LPFM stations and FM translators where it comes to required protection.

Currently, FM translators are only required to protect LPFM stations on co-channel and first-adjacent channels while LPFM stations are required to protect FM translators on co-channel, first-adjacent and second-adjacent channel and as originally proposed by the Commission in their original LP-250 proposal, intermediate frequencies.

Under the current rules, an FM translator can come in on a second adjacent channel of an LPFM station right on the edge of the LPFM service contour and not have to make a showing that interference will not occur to the LPFM station however an LPFM station is not afforded this luxury and would have to make a showing that their station does not cause interference to potential listeners of the translator.

REC feels that there should be parity between LPFM and FM translators. We are proposing to require FM translators to protect LPFM stations on second adjacent channels. Like with LPFM, FM translators should be afforded an opportunity to waive §74.1204(a) spacing on the second adjacent channel of an LPFM if a showing can be made that the FM translator will not interfere with potential listeners of the LPFM station. We also propose to not require LPFM stations operating in excess of 101 watts to protect the intermediate frequencies of FM translator stations.

ADDITIONAL PROPOSED CHANGES

The following proposals are mainly as a result of issues observed and experienced by REC since the 2013 LPFM application filing window. REC feels that these changes should be implemented to improve the LPFM service.

Extending the distance for minor moves

When LPFM was first created, LP-100 stations were limited to moves of 2 kilometers or less. While there was no discussion of this distance in the original Notice of Proposed Rulemaking³⁹, this value was assigned to LP-100 stations in the original Report and Order without any explanation.⁴⁰ The current rule of 5.6 kilometers came as a result of a Petition for Reconsideration filed by the United Church of Christ (“UCC”). UCC had stated that LPFM applicants have not been able to obtain local government approval for their first choice transmitter locations and must apply for alternative sites.⁴¹

To this day, LPFM is still experiencing similar problems. REC has been made aware of LPFM permittees who have lost the ability to construct on their originally approved location due to changes in property ownership or a property owner’s change of mind whether to extend use of property to an applicant. There are also situations where moving to a new site will allow the LPFM station to get closer to their local community that they were intending to serve.

We do note that the Rules currently permit moves of over 5.6 kilometers for LPFM stations and applicants proposing to co-locate with another station or applicant for which they are in a time sharing

³⁹ - See *Creation of a Low Power Radio Service*, Notice of Proposed Rulemaking; 14 FCC Rcd. 2471 et. seq. (1999).

⁴⁰ - See *Creation of a Low Power Radio Service*, Report and Order; 15 FCC Rcd. 2264 at 152. (2000).

⁴¹ - See *Creation of a Low Power Radio Service*, Second Order on Reconsideration, 20 FCC Rcd. 6768 at 13. (2005).

agreement with.⁴² Moves of over 5.6 km are also allowed for LPFM stations to move to within 500 meters of a full-service station on a third-adjacent channel.⁴³

Since the conclusion of the 2013 LPFM filing window, the Commission has allowed by waiver, at least two instances where moves of over 5.6 kilometers have been allowed. In *Sloan Canyon Communications*, a compelling argument was made to justify a waiver to move 12.3 kilometers.⁴⁴ In their waiver request, Sloan Canyon states that the move was justified as there was no other viable sites between the current site and the proposed site, at the current site, only one watt can be proposed, the current site can't viably serve the community of license and the new site is owned by a board member making it a more stable site.⁴⁵ Without any explanation, the Commission granted the waiver and application. In *SRN Communications*, the applicant was facing land use issues with the local city government. A move of 8.5 kilometers was authorized on the grounds that no viable sites were available within 5.6 kilometers.⁴⁶ In their waiver request they also state that "[t]he 5.6 km restriction is the strictest in the FM band. Full power stations only need to make their new site mutually exclusive with the original, and translators must only have a 60 dBu overlap."⁴⁷ We do note that there are several modification applications still pending that are asking for moves past the current 5.6 km limit.

REC agrees with SRN Communications that the current 5.6 kilometer restriction on minor moves is the strictest on the FM band. For FM translators, Commission policy allows for location changes where the move would continue to provide 1 mV/m service to some portion of their authorized 1 mV/m

⁴² - See 47 C.F.R. §73.870(a).

⁴³ - Id.

⁴⁴ - See *Sloan Canyon Communications*; BMPL-20140623AAG (Granted December 22, 2014) at Attachment 11.

⁴⁵ - Id.

⁴⁶ - See *SRN Communications, Inc.*; BMPL-20140902ACG (Granted September 15, 2014) at Attachment 1.

⁴⁷ - Id.

service area.⁴⁸ With the proposed expansion of LPFM to include LP-250 stations, these stations will create a reference service contour of 7.1 kilometers. Therefore, we are proposing that LP-100 stations be permitted to move up to 11.1 kilometers and LP-250 stations be permitted up to 14.1 kilometers. Both values would continue to maintain 100 meters of the original service contour and therefore would be in the spirit of the FM translator rules.⁴⁹ We do note that LPFM stations must continue to comply with localism rules that require either the headquarters of the organization or at least 75% of the board members of the organization to reside within 10 miles of the transmitter site for Nielsen Audio markets 1 through 50 and 20 miles elsewhere.⁵⁰

Local programming hours

Under the Local Program Origination pledge as currently written in the rules, the applicant must pledge to originate at least eight hours per day.⁵¹ This means for a station that is in a three-way involuntary time share or any other station that operates 8 hours in a single day, they can't carry any network or other imported programming. Involuntary three-way time share groups are mandated to have an overall 24 hour local origination service. Under this type of arrangement, an LPFM station subject to the pledge can't carry a national news program, foreign language stations can't carry any programming (including news broadcasts) that originate in the listener's home country and offers the station any flexibility to present a diverse mix of local and non-local programming.

⁴⁸ - See *1998 Biennial Regulatory Review – Streamlining of Radio Technical Rules in Parts 73 and 74 of the Commission's Rules*; First Report and Order; 14 FCC Rcd. 5272 (1999) at 9.

⁴⁹ - On a perfect flat-earth, two LPFM stations operating 100 watts at 30 meters would each create a service contour of 5.6 kilometers. If we make the maximum distance for a minor change as 11.2 kilometers, then there would be no overlap even though the contours would touch each other at one radial. This is why we are proposing the values 0.1 km lower than twice the service contour so there is a 100 meter overlap in the perfect flat-earth environment.

⁵⁰ - See 47 C.F.R. §73.853(b). Note, for applicants proposing public safety radio services, the transmitter can be anywhere in the jurisdiction of the agency or organization and for tribal entities, the transmitter can be anywhere on tribal lands.

⁵¹ - See 47 C.F.R. §73.872(b)(2).

REC is proposing to change the local origination pledge definition for time share stations from 8 hours of programming per day to one-third of the daily programming must meet the standard of local origination to meet the pledge. This means that for an LPFM station that is scheduled to operate 8 hours per day, they must provide a minimum of 2 hours and 40 minutes of local programming per day. LPFM stations operating 12 hours per day would be required to provide a minimum of 4 hours of local programming per day. This way, time share groups that does not have any vacant time slots will still broadcast a minimum of 8 hours of local origination programming each day collectively among the time share group member stations.

REC is not proposing to change the rules for LPFM stations authorized to operate unlimited hours. LPFM stations authorized to operate unlimited hours and subject to the pledge are still expected to provide 8 hours per day of local programming even if the station does not broadcast 24 hours in a day.

Local programming is the keystone to the LPFM service and the local programming pledge makes LPFM a unique service but at the same time, we must also recognize that a mix of non-local programming is still within the public interest.

Removing the contour overlap requirement in the FM translator rule

Finally, we are asking the Commission to reconsider the rule that requires LPFM station service contours to overlap with commonly-owned translator service contours.⁵² Due to the directional nature of translators, this may be an impediment for some rural LPFM stations to serve portions of a larger political area such as a county if the translator needs to be directional in order to protect other broadcast services. REC feels that the localism goal can be met through the retention of the “twenty mile rule” for translators outside the top-50 Nielsen Audio markets and ten miles inside the metros as well as the requirements that the primary station be received by space and not through alternative means. With the potential of a filing window coming up for FM translators which may include LPFM stations, we do feel that this needs to be addressed in order for LPFM stations to make appropriate decisions in the window.

⁵² - 47 C.F.R. §73.860(b)(1).

CONCLUSION

The ability for LPFM stations to upgrade is the next logical step in the growth of this service. The larger service contours will permit LPFM stations to maintain their hyperlocal nature while improving signal quality within their current service contour. We must acknowledge that LPFM is a very different service than full power FM and even FM translators. LPFM stations are more likely to be located at ground level sites and not on mountaintops or massive broadcast towers. We have heard from LPFM stations across the country that their ability to penetrate buildings within their 5.6 km area is a substantial challenge and that the increase in overall field strength will definitely help allow these stations to not only better serve their community but to make these stations more economically viable through increased underwriting opportunities to offset the costs of running the station.

When the FCC created LPFM, they created a buffer zone to help LPFM stations in the event of a full power station move. The buffer zone concept did not work in that aspect too well but the buffer zone will help assure that there is still a significant amount of additional spacing between upgraded LPFM stations and existing full-service FM stations and in those extreme cases where there may be a possibility of interference, we have proposed rules to assure that upgraded LP-250 stations will not encounter contour overlap with full service FM stations.

REC is also proposing to make the policy regarding minor moves to be on a more level playing field with FM translators. Based on the applications that have been filed recently including ones that were granted with waivers and those that were denied as the waiver requests lacked a “compelling reason” to justify the waiver, there is a need for LPFM stations to move more than 3.5 miles and still remain local. It is our hope that this policy will eliminate the need for waivers, bring LPFM on par with other services while still maintaining the service’s localism.

Equal treatment works both ways. We need to eliminate the loophole that allows FM translators to easily come in on a LPFM’s second adjacent channel but a LPFM station must get a waiver to come in on the second adjacent channel of a translator. Our proposed rule assures that FM translators and LPFM stations are treated as equal as possible where it comes to second adjacent spacing.

We are requesting the removal of an additional and unnecessary barrier that will prevent rural LPFM stations from setting up a translator that is within their “localism” zone but may not have an overlapping service contour due to the directional nature of the translator. Rules requiring co-owned LPFM translators to be located within the 20 mile localism zone as well as requirements that translators receive the LPFM signal over the air will itself assure that LPFM stations remain local in nature.

Finally, we are proposing to relieve time sharing LPFM stations of an excessive local programming burden where they are being penalized for promoting spectrum efficiency by time sharing with other voices and in return being forced to provide local programming for their entire programming day where unlimited and other time share LPFM stations do not have this burden. Time share stations should be rewarded with fewer burdens. We feel that prorating their local programming pledge to one-third of their scheduled programming day is an appropriate reward for sharing spectrum.

With this, LPFM is ready to grow and we feel it can be done. REC is willing to work with the LPFM community as well as the NAB, the NTA, NPR, and others to make this work. We ask that the Commission place this Petition for Rulemaking on docket so we can move LPFM forward in a way that will expand localism and protect the existing broadcast service.

Respectfully Submitted,

/S/

Michelle Bradley

Founder: REC Networks

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Mardela Springs, MD 21837

<http://recnet.com>

April 20, 2015

APPENDIX A

UPGRADE CASE STUDIES

WDFC-LP – Greensboro, NC – Facility ID # 192244

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=====
NC - GREENSBORO :: WDFC-LP (FACILITY ID 192244)
CUMC RADIO, LLC
CURRENTLY ON CHANNEL 269L1.
HAAT: 91 M - ERP AT LP-100: 10 W - ERP AT LP-250: 28 W

**CHANNEL REPORT**
--AS LP100-- --AS LP250--
AD CHNNL FACID CALLSIGN LOCATION DIST. REQD. CLEAR REQD. CLEAR
-----
FI 268C 73920 WRAL RALEIGH NC 124.8 120.0 4.8 120.0 4.8 CLEAR
FI 270C0 6587 WBAV-FM GASTONIA NC 163.0 111.0 52.0 111.0 52.0 CLEAR
SE 271C0 40754 WJMH REIDSVILLE NC 22.8 84.0 -61.2 85.0 -62.2 VFYINTF CONTOUR
UPGRADE ON CHANNEL: YES
=====
```

This station is currently operating 10 watts at 91.3m HAAT.

The radiation center is at 76m above ground level on a free-standing tower with nothing taller than a 2-story building nearby.

As a LP-250, WDFC would be able to operate 28 watts ERP.

The farthest lobe at LP-250 extends to 7.9 km. The foothill rule is not activated.

WDFC is second adjacent channel short spaced to WJMH, a C0 station on Channel 271.

Due to the second adjacent channel short spacing, WDFC is not eligible for automatic upgrade authority.

WJMH is located 22.8 km from WDFC and places an 88.4 dBu field strength at the LPFM site.

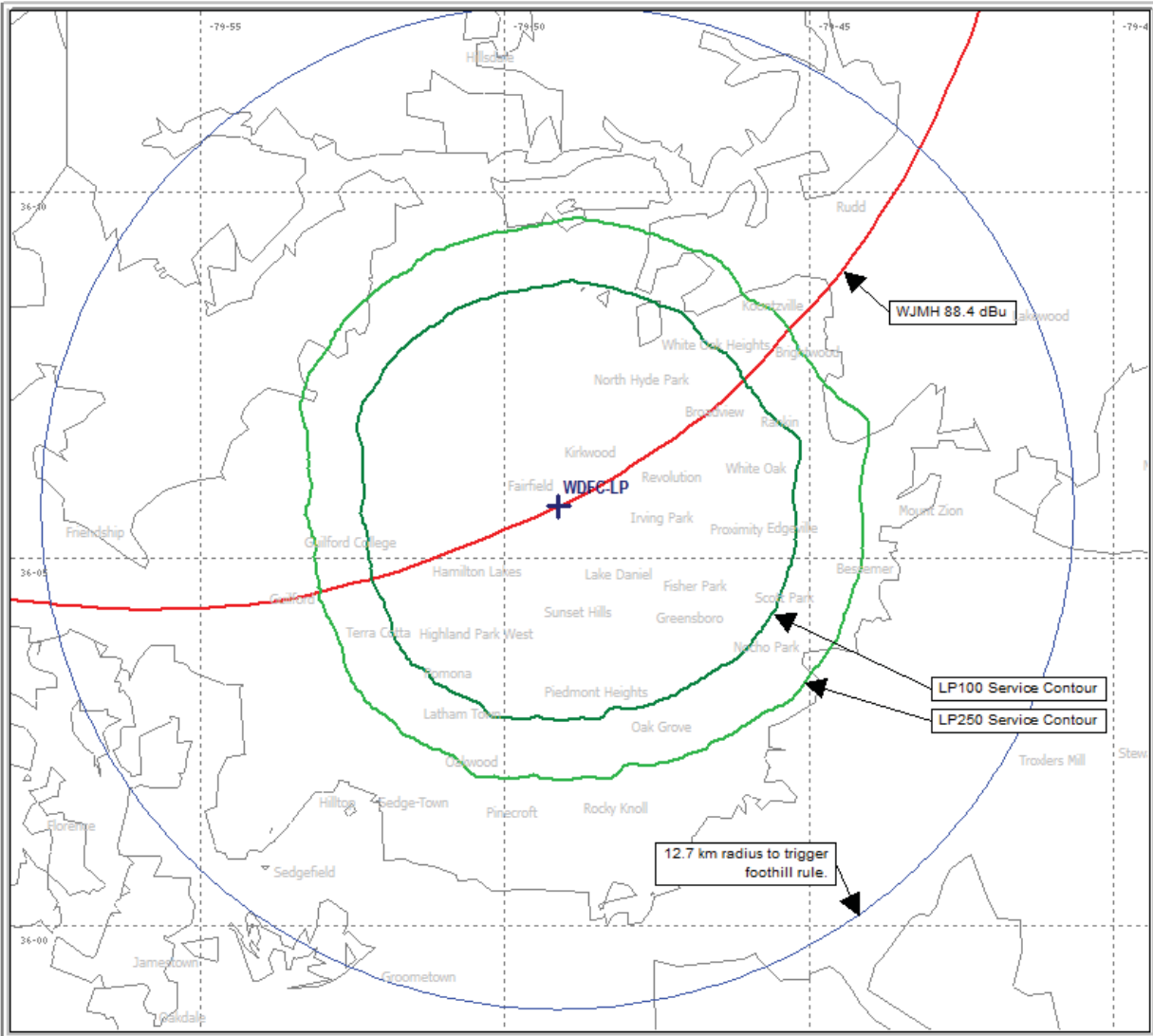
The 128.4 dBu interference contour extends to 14 meters from the radiation center of the antenna.

As the radiation center is 76m AGL, the interference will never reach the ground.

WDFC-LP is eligible for an upgrade.

Under REC's proposed process, WDFC-LP will need to submit a Form 318 with a new second adjacent channel waiver request.

WDFC-LP



WBED-LP – Bedford, IN – Facility ID # 197257

=====

IN - BEDFORD :: WBED-LP (FACILITY ID 197257)
CAUSE 4 PAWS INC.
CURRENTLY ON CHANNEL 257L1.
HAAT: 50 M - ERP AT LP-100: 35 W - ERP AT LP-250: 92 W

CHANNEL REPORT

AD	CHNNL	FACID	CALLSIGN	LOCATION							
					DIST.	REQD.	CLEAR	REQD.	CLEAR		
FI	258C0	6871	WKDQ	HENDERSON	KY	142.8	111.0	31.8	111.0	31.8	CLEAR
FI	258B	47144	WZPL	GREENFIELD	IN	107.8	97.0	10.8	97.0	10.8	CLEAR
SE	259B	55498	WDJX	LOUISVILLE	KY	78.7	67.0	11.7	68.0	10.7	CLEAR

UPGRADE ON CHANNEL: YES

=====

This station is currently operating 35 watts at ERP 50 meters HAAT.

As an LP-250, WBED-LP would be allowed to increase to 92 watts ERP.

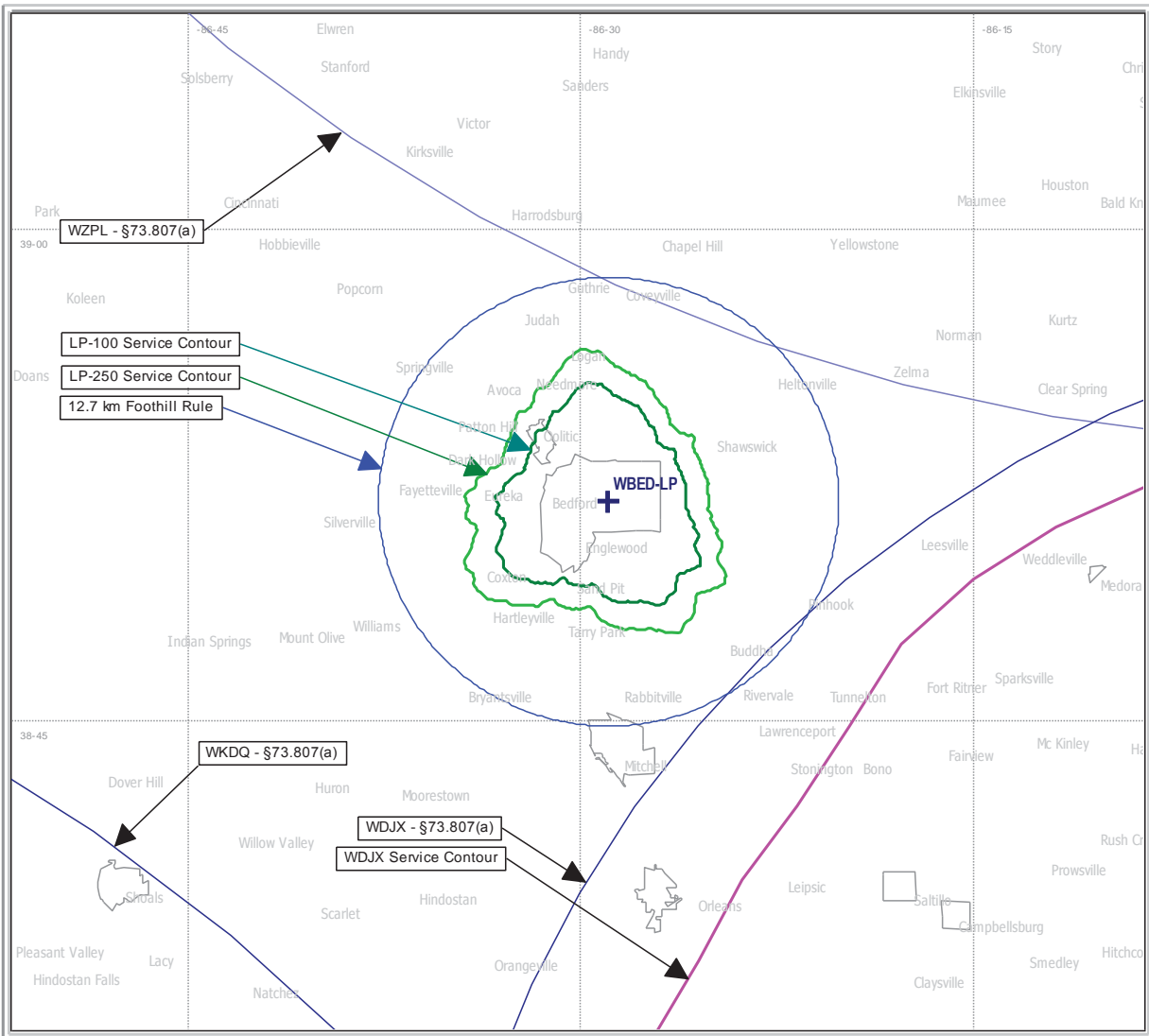
WBED-LP is not within 320 km of Canada or Mexico.

WBED-LP is currently not short spaced to any other facility as an LP-100 nor will they be as an LP-250.

As an LP-250, the farthest 60 dBu lobe extends to 8.9 km. Therefore, they are not considered a Foothill Station.

WBED-LP would be eligible for Automatic Upgrade Authority.

WBED-LP



KLEK-LP – Jonesboro, AR – Facility ID # 196022

=====

AR - JONESBORO :: KLEK-LP (FACILITY ID 196022)
THE VOICE OF ARKANSAS MINORITY ADVOCACY COUNCIL
CURRENTLY ON CHANNEL 273L1.
HAAT: 14 M - ERP AT LP-100: 100 W - ERP AT LP-250: 250 W

CHANNEL REPORT

AD	CHNNL	FACID	CALLSIGN	LOCATION				--AS LP100--	--AS LP250--	
					DIST.	REQD.	CLEAR	REQD.	CLEAR	
IF	220C1	2785	KASU	JONESBORO	AR	7.1	0.0	7.1	20.0	-12.9 NEW SHORT SPACE
FI	272C2	67701	KTRQ	COLT	AR	85.9	80.0	5.9	80.0	5.9 CLEAR
FI	274C1	58397	WEGR	ARLINGTON	TN	102.5	100.0	2.5	100.0	2.5 CLEAR

UPGRADE ON CHANNEL: NO

=====

KLEK-LP operates from 29m above ground level.

KLEK-LP is currently authorized a full 100 watts ERP and as a LP-250, they could be authorized a full 250 watts.

With the upgrade to LP-250, the station would be required to protect Intermediate Frequency stations.

KASU, Jonesboro is on KLEK-LP's I.F.

KLEK-LP is short spaced to KASU's I.F.

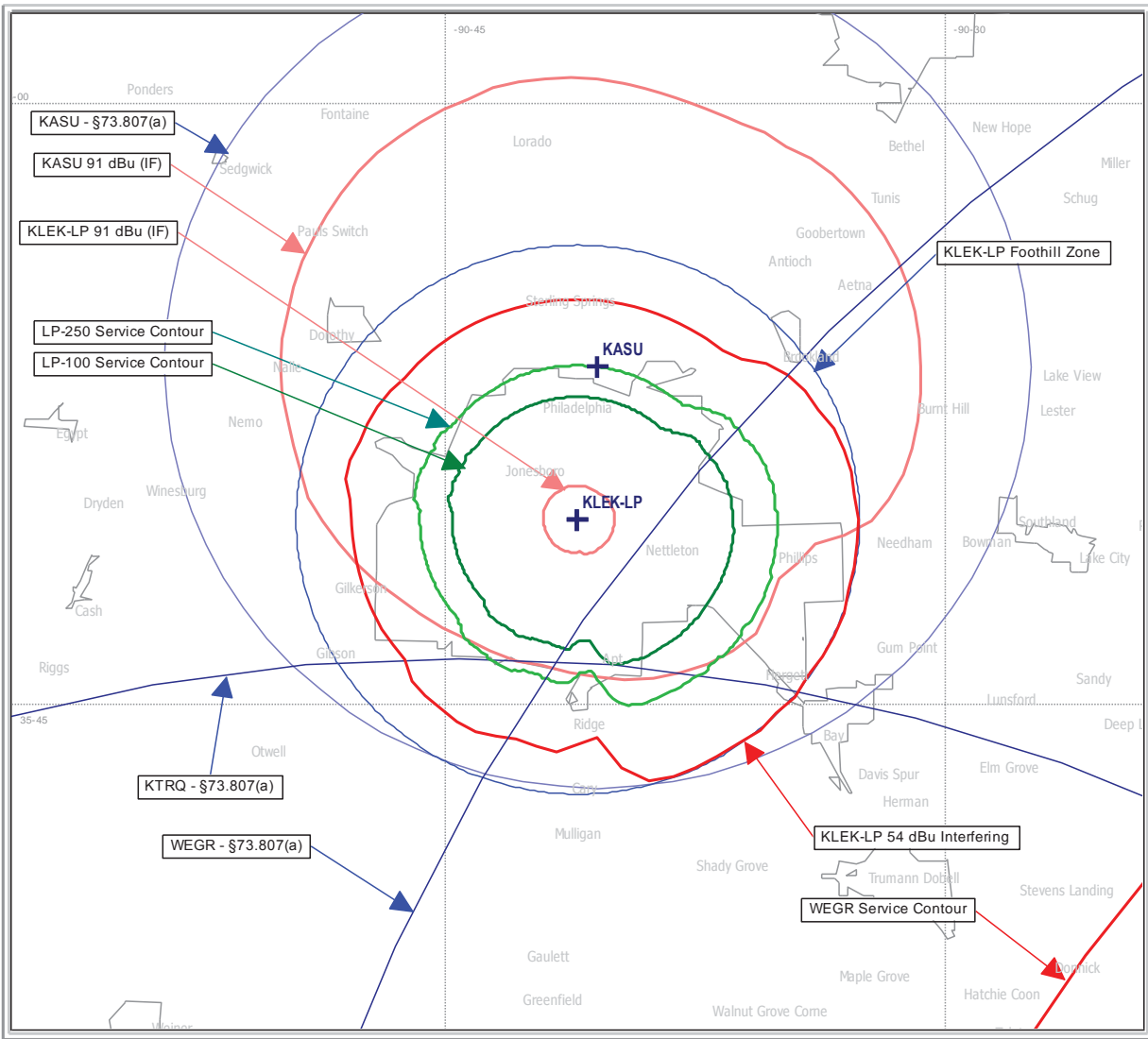
KLEK-LP can't upgrade on their current channel.

Channel 271 (102.1) may be available as an alternate channel but will require a second adjacent channel waiver as it is short spaced to KIYS, Walnut Ridge, AR.

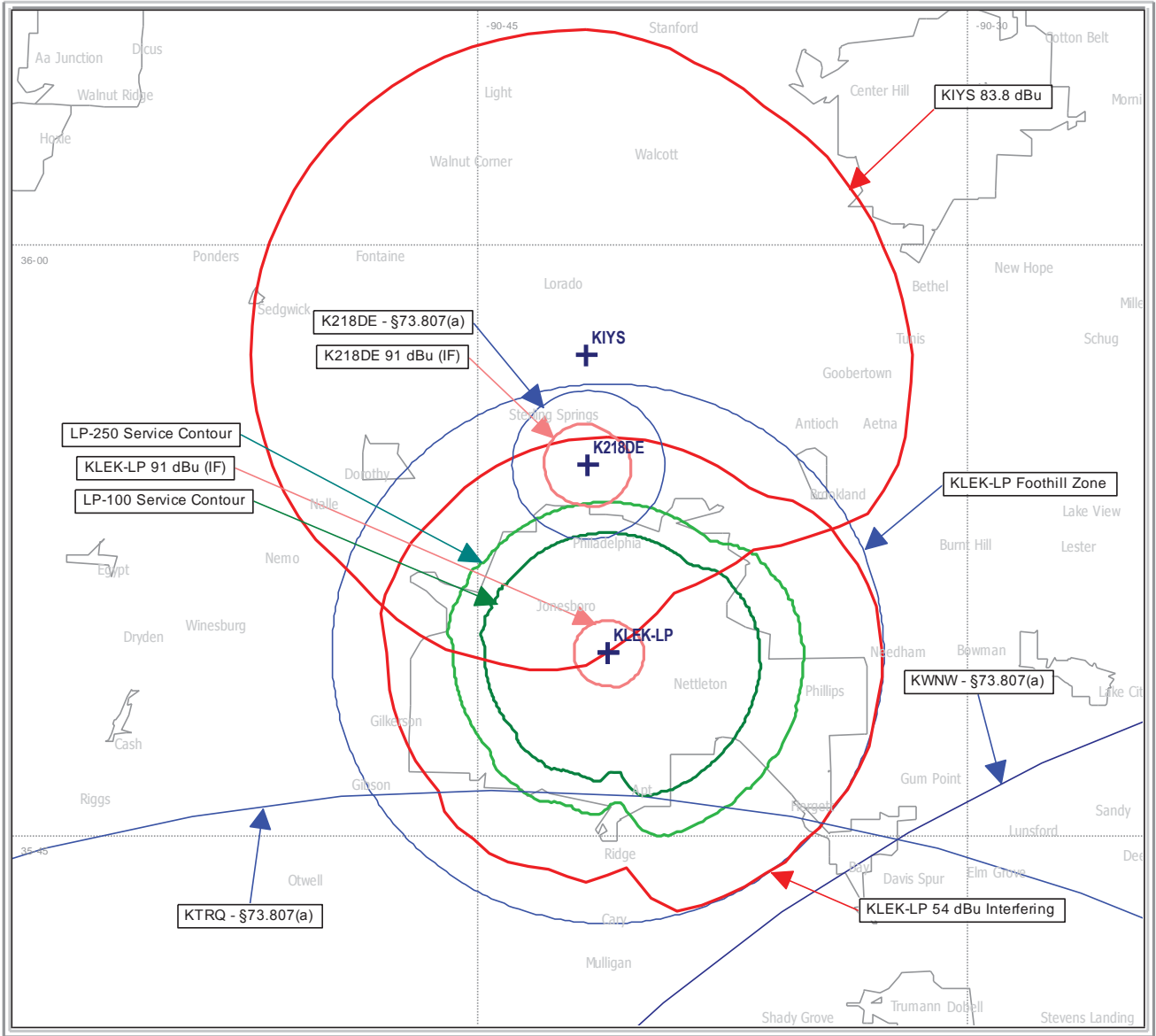
KIYS places an 83.8 dBu contour at the LPFM station. The 123.8 dBu interfering contour is 72 meters. Under standard U/D methodology, the interference will reach the ground. However with a 2-bay antenna such as the Nicom BKG-77 or most likely the 2-bay BEXT TFC-2K that the station currently operates with, manufacturer's specifications can be used to show that at an artificial floor of 6 meters (to accommodate for nearby two-story structures), interference will not reach any listeners or potential listeners of KIYS.

Therefore, KLEK-LP can upgrade but it will require minor change to specify operation on Channel 271 and a request to waive §73.807(a) in respect to second adjacent channel short spaced station KIYS.

KLEK-LP on Channel 273



KLEK-LP on Channel 271



KLEK-LP Downward Radiation Study for Channel 271

Proposed Power:				0.25 kW				
Antenna Height AGL:				29 m				
Interference Contour:				123.8 dBu				
Artificial RX Antenna Height:				6 m				
Antenna Type:				Nicom BKG77 - 2 bay Half-wave spacing				
Angle Below Horizon	Antenna Relative Field	ERP in kW	ERP in dBk	Distance from Ant to Interference Contour	Distance from Ant to Artificial Plane	Field Strength in dBu @ Artificial Plane	Distance from Ant to Ground Level	Field Strength in dBu @ Ground Level
5	0.988	0.244	-6.13	70.75	263.90	112.37	332.74	110.35
10	0.952	0.227	-6.45	68.17	132.45	118.03	167.00	116.02
15	0.889	0.198	-7.04	63.66	88.87	120.90	112.05	118.89
20	0.791	0.156	-8.06	56.64	67.25	122.31	84.79	120.30
25	0.686	0.118	-9.29	49.12	54.42	122.91	68.62	120.90
30	0.577	0.083	-10.80	41.32	46.00	122.87	58.00	120.85
35	0.463	0.054	-12.71	33.16	40.10	122.15	50.56	120.13
40	0.354	0.031	-15.04	25.35	35.78	120.81	45.12	118.79
45	0.256	0.016	-17.86	18.33	32.53	118.82	41.01	116.81
50	0.174	0.008	-21.21	12.46	30.02	116.16	37.86	114.15
55	0.110	0.003	-25.19	7.88	28.08	112.76	35.40	110.75
60	0.061	0.001	-30.31	4.37	26.56	108.12	33.49	106.11
65	0.028	0.000	-37.08	2.01	25.38	101.75	32.00	99.74
70	0.006	0.000	-50.46	0.43	24.48	88.69	30.86	86.67
75	0.004	0.000	-53.98	0.29	23.81	85.40	30.02	83.39
80	0.008	0.000	-47.96	0.57	23.35	91.59	29.45	89.58
85	0.008	0.000	-47.96	0.57	23.09	91.69	29.11	89.68

KQRP-LP – Malakoff, TX – Facility ID #192154

```

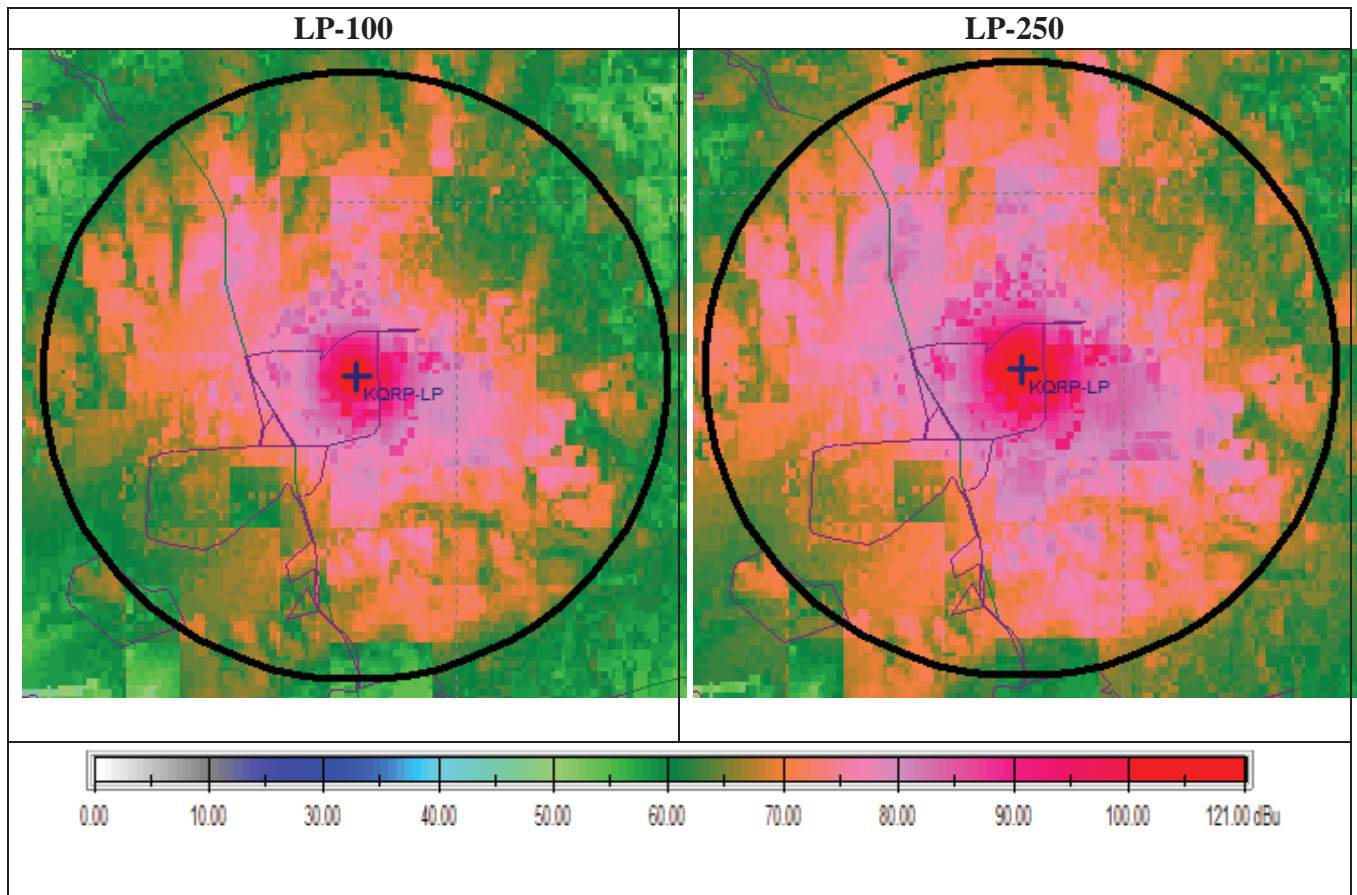
=====
TX - MALAKOFF :: KQRP-LP (FACILITY ID 192154)
CEDAR CREEK EDUCATIONAL BROADCASTING CORPORATION
CURRENTLY ON CHANNEL 225L1.
HAAT: 29 M - ERP AT LP-100: 100 W - ERP AT LP-250: 250 W
FARTHEST LOBE AT LP-100: 7.24 AT BEARING 208.
  
```

```

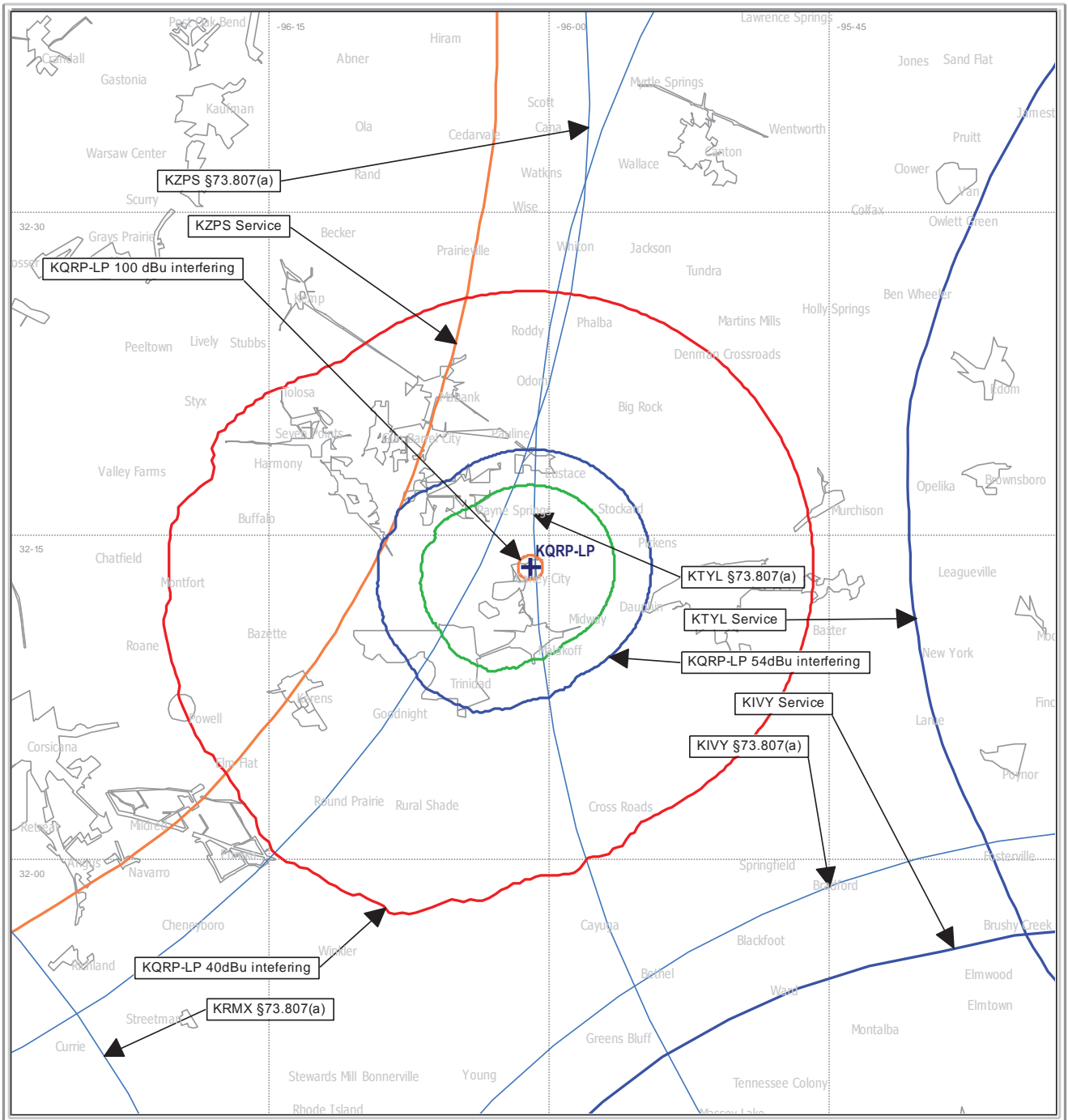
**CHANNEL REPORT**
AD CHNNL FACID CALLSIGN LOCATION DIST. REQD. CLEAR REQD. CLEAR
-----
SE 223C 6378 KZPS DALLAS TX 98.2 93.0 5.2 94.0 4.2 CLEAR
FI 224C2 15132 KIVY-FM CROCKETT TX 115.1 80.0 35.1 80.0 35.1 CLEAR
FI 226C1 35711 KTYL-FM TYLER TX 100.5 100.0 0.5 100.0 0.5 CLEAR
UPGRADE ON CHANNEL: AUTOMATIC UPGRADE AUTHORITY
  
```

KQRP is a textbook case of an LP-100 station that would be eligible for Automatic Upgrade Authority under the REC proposed rules.

FIELD STRENGTH WITHIN THE THREE MILE ZONE:



KQRP-LP



KURA-LP – Ouray, CO – Facility ID #131909

```
=====
CO - OURAY :: KURA-LP (FACILITY ID 131909)
OURAY SCHOOL DISTRICT R1
CURRENTLY ON CHANNEL 255L1.
HAAT: -78 M - ERP AT LP-100: 100 W - ERP AT LP-250: 250 W

**CHANNEL REPORT**
--AS LP100-- --AS LP250--
AD CHNNL FACID CALLSIGN LOCATION DIST. REQD. CLEAR REQD. CLEAR
-----
FI 254C 16435 KRTZ CORTEZ CO 135.3 120.0 15.3 120.0 15.3 CLEAR
UPGRADE ON CHANNEL: YES
=====
```

KURA-LP operates inside of a canyon in the Rocky Mountain range northeast of Telluride. The antenna is located 12 meters above ground level but as a result of the nearby mountains, the site is at - 78.4 meters above average terrain thus meaning that it operates 100 watts ERP.

Because of KURA-LP's location and low HAAT, the station at LP250 would have a service contour that has a lobe that extends out 33 km. As this lobe exceeds 12.7 km, KURA-LP is considered a Foothill Station and therefore not eligible for Automatic Upgrade Authority.

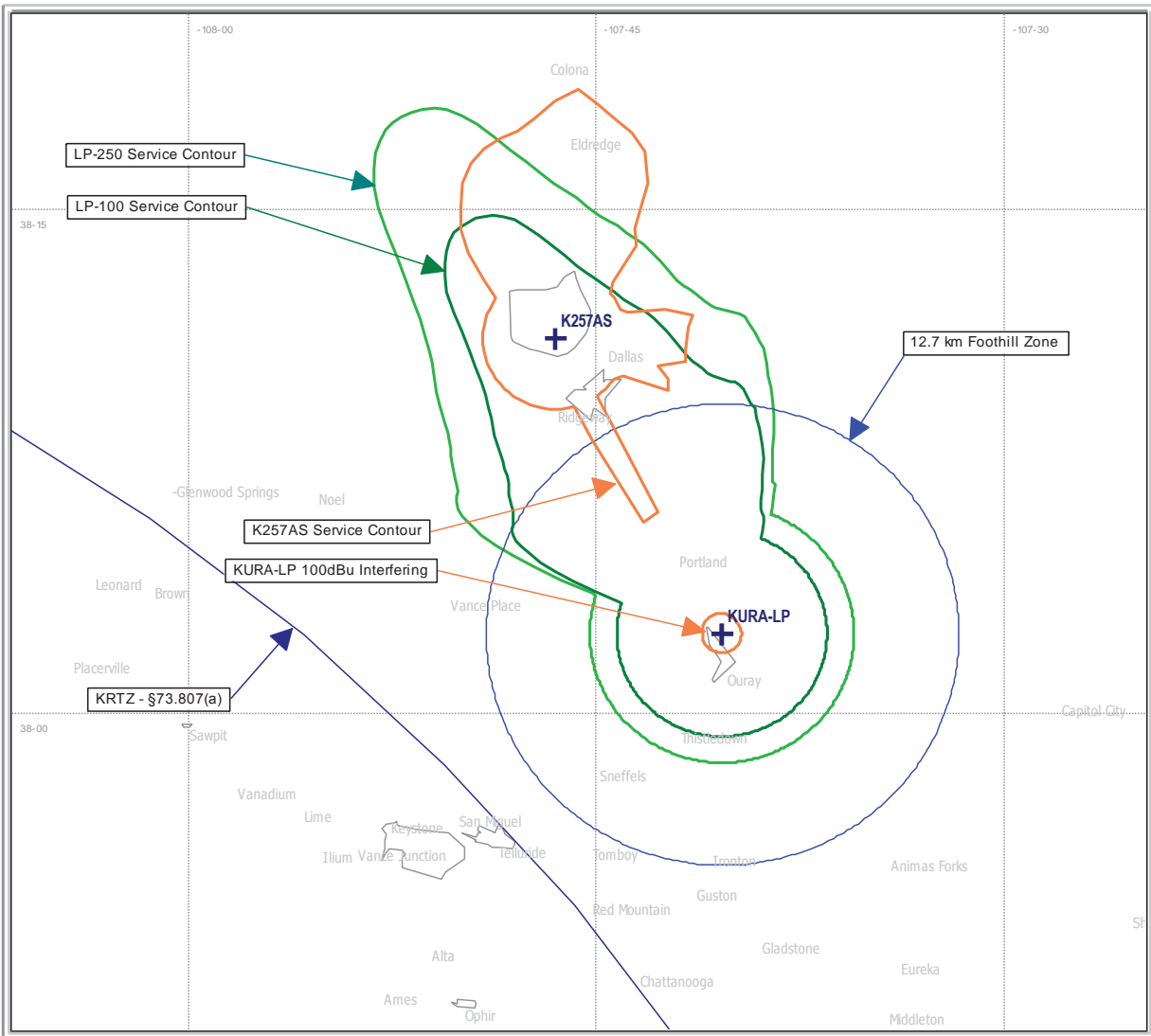
KURA-LP would need to submit a technical showing that there is no contour overlap.

The only nearby full station is KRTZ, Cortez, CO. Even though KURA-LP meets minimum distance separation to that station, we must still evaluate it. Since the lobe does not go in the direction of KRTZ, there is no overlap between the 54 dBu interfering contour of KURA-LP and the 60 dBu service contour of KRTZ. Therefore, KRTZ is protected.

While not listed above, there is a translator, K257AS, Ridgway, CO located 18.5 km away on a second adjacent channel. While KURA-LP does also clear that station, we will evaluate it. The 100 dBu interfering contour of KURA-LP does not overlap the 60 dBu service contour of K257AS. Another second adjacent channel station KAAI, Palisade, CO was also evaluated and was not a factor.

As the upgrade of KURA-LP from LP-100 to LP-250 would not create any new §73.807 short spacing nor will it create any contour overlap to any facility that is not §73.807 short-spaced, KURA-LP would be able to apply for an upgrade to LP-250 on their current channel.

KURA-LP



KWSS-LP – Scottsdale, AZ – Facility ID # 134485

```
=====
AZ - SCOTTSDALE :: KWSS-LP (FACILITY ID 134485)
KWSS RADIO
CURRENTLY ON CHANNEL 230L1.
HAAT: 251 M - ERP AT LP-100: 2 W - ERP AT LP-250: 4 W
** LPFM STATION 201 KM FROM AN INTERNATIONAL BORDER **
```

```
**CHANNEL REPORT**
AD CHNNL FACID CALLSIGN LOCATION DIST. REQD. CLEAR REQD. CLEAR
-----
FI 229C 53591 KRQQ TUCSON AZ 174.7 120.0 54.7 120.0 54.7 CLEAR
FI 229C3 0 83.5 67.0 16.5 67.0 16.5 CLEAR
CO 230C 49688 KMGN FLAGSTAFF AZ 161.5 130.0 31.5 130.0 31.5 CLEAR
FI 231C1 37577 KRDE SAN CARLOS AZ 121.0 100.0 21.0 100.0 21.0 CLEAR
UPGRADE ON CHANNEL: YES
```

```
LPFM STATION LOCATED BETWEEN 125-320 KM OF THE MEXICAN BORDER. IN THIS AREA, OPERATIONS ABOVE 50W ERP IS
PERMITTED ONLY IF THE LPFM 60 dBu SERVICE CONTOUR DOES NOT COME WITHIN 116.3 KM OF THE MEXICAN BORDER.
=====
```

KWSS-LP is currently operating 2 watts ERP on Shaw Butte in the Phoenix area.

As an LP-250, they can increase to 4 watts ERP.

KWSS-LP is located more than 125 km but within 320 km of the Mexican border. The station is in the Mexican coordination zone. This makes KWSS-LP ineligible for Automatic Upgrade Authority.

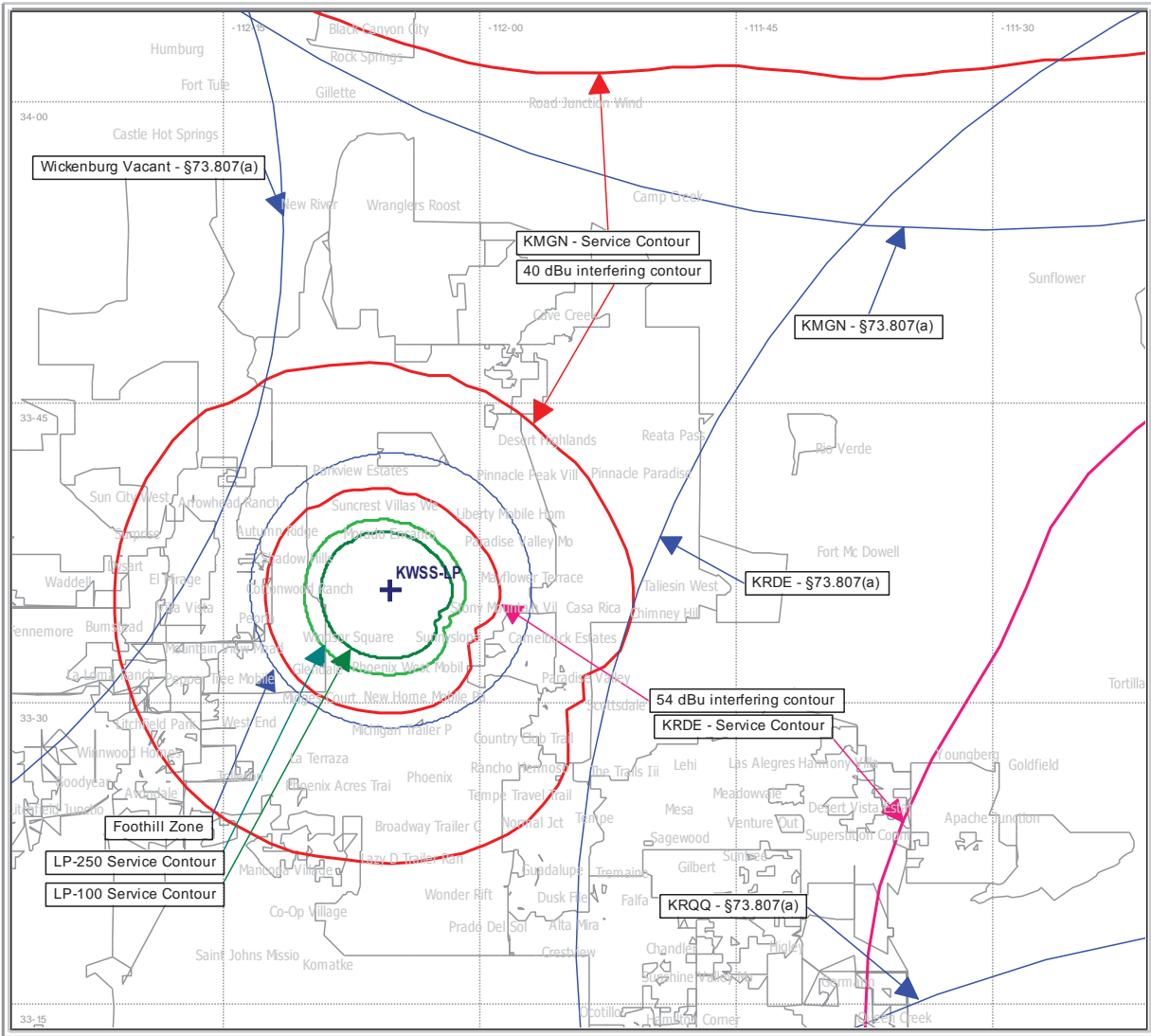
KWSS-LP places a 7.8 km service contour in the direction of Mexico. As KWSS-LP is located 251 km from the border, the service contour will not extend to a distance shorter than 116.3 km away from the border.

KWSS-LP is not short-spaced to any facility as an LP-100 nor will they be short-spaced as an LP-250.

At LP-250, the service contour will not extend more than 8 km in any direction. Therefore, they are not a Foothill Station requiring any additional study.

KWSS-LP can upgrade on their current channel.

KWSS-LP



KYGT-LP – Idaho Springs, CO – Facility ID # 131469

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=====
CO - IDAHO SPRINGS :: KYGT-LP (FACILITY ID 131469)
CLEAR CREEK RADIO, INC.
CURRENTLY ON CHANNEL 274L1.
HAAT: 19 M - ERP AT LP-100: 100 W - ERP AT LP-250: 250 W
FARTHEST LOBE AT LP-100: 18.02 AT BEARING 57.
*** FOOTHILL EFFECT STATION *** - CONTOUR STUDY REQUIRED TO SHOW LACK OF INTERFERENCE

```

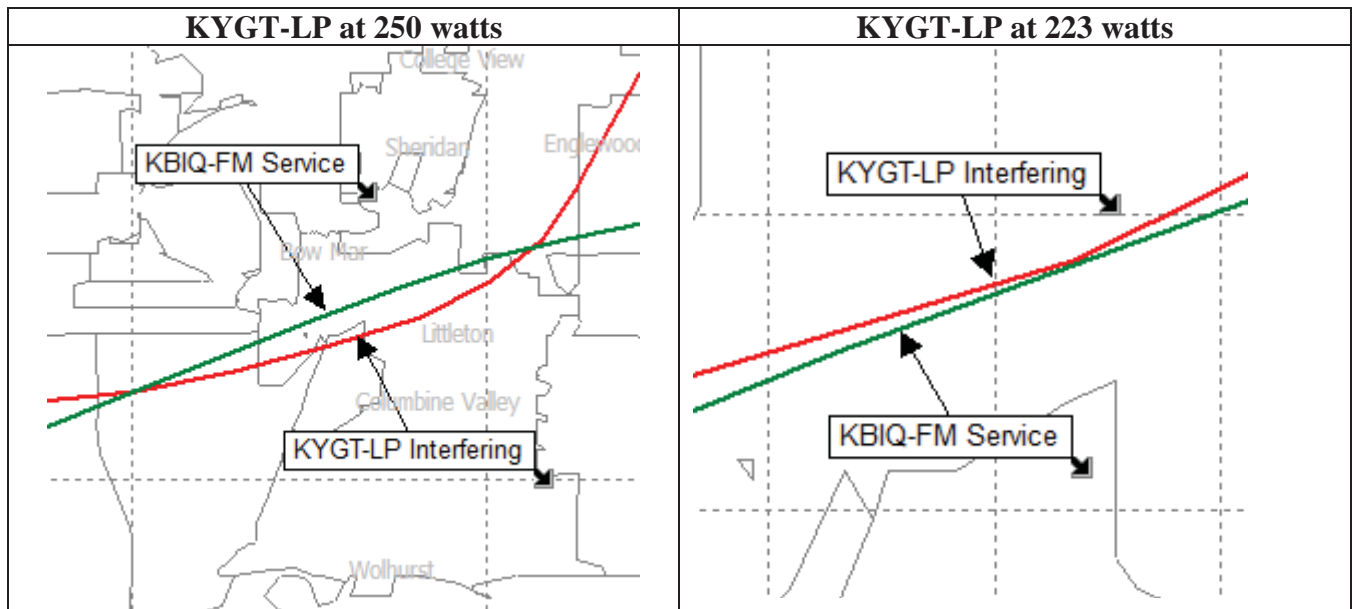
```

**CHANNEL REPORT**
AD CHNNL FACID CALLSIGN LOCATION DIST. REQD. CLEAR REQD. CLEAR
-----
SE 272A 37028 KDSP GREENWOOD VILLAGE CO 37.8 29.0 8.8 30.0 7.8 CLEAR
FI 273C2 86173 KQSE GYPSUM CO 96.2 80.0 16.2 80.0 16.2 CLEAR
CO 274DL 57333 K274AG DILLON CO 35.9 26.0 9.9 31.0 4.9 CLEAR
CO 274C 73073 KBIQ MANITOU SPRINGS CO 130.3 130.0 0.3 130.0 0.3 CLEAR
FI 275C1 10334 KARS-FM LARAMIE WY 127.1 100.0 27.1 100.0 27.1 CLEAR
UPGRADE ON CHANNEL: YES

```

This is an example of the proposed Foothill Station rule and how an LPFM station would be able to upgrade but not to the highest ERP allowed under the upgrade.

KYGT-LP is properly spaced to KBIQ, Manitou Springs, CO per §73.807(a) however, at 250 watts ERP, KYGT-LP's 40 dBu interference contour would slightly overlap into the 60 dBu service contour of KBIQ over a populated area of Littleton. In this case, if we propose 223 watts ERP for KYGT-LP, we can make a showing that there is no interference between the two stations



APPENDIX B
PROPOSED RULES

1. Proposed modifications to section 73.807 are proposed as follows:

§ 73.807 Minimum distance separation between stations.

Minimum separation requirements for LP250 and LP100 stations, as defined in §§ 73.811 and 73.853, are listed in the following paragraphs. Except as noted below, an LPFM station will not be authorized unless the co-channel, first- and second-adjacent and I.F. channel separations are met. An LPFM station need not satisfy the third-adjacent channel separations listed in paragraphs (a) through (d) in order to be authorized. These third-adjacent channel separations are included for informational purposes only.

Minimum distances for co-channel and first-adjacent channel are separated into two columns. The left-hand column lists the required minimum separation to protect other stations and the right-hand column lists (for informational purposes only) the minimum distance necessary for the LPFM station to receive no interference from other stations assumed to be operating at the maximum permitted facilities for the station class. For second-adjacent channel and intermediate frequency (I.F.) channels, the required minimum distance separation is sufficient to avoid interference received from other stations.

(a)(1) An LP100 station will not be authorized initially unless the minimum distance separations in the following table are met with respect to authorized FM stations, applications for new and existing FM stations filed prior to the release of the public notice announcing an LPFM window period for LP100 stations and vacant FM allotments. LPFM modification applications must either meet the distance separations in the following table or, if short-spaced, not lessen the spacing to subsequently authorized stations.

Station class protected by LP100	Co-channel minimum separation (km)		First-adjacent channel minimum separation (km)		Second and third adjacent channel minimum separation (km)
	Required	For no interference received from max. class facility	Required	For no interference received from max. class facility	Required
					Required
D	24	24	13	13	6
A	67	92	56	56	29
B1	87	119	74	74	46
B	112	143	97	97	67
C3	78	119	67	67	40
C2	91	143	80	84	53
C1	111	178	100	111	73
C0	122	193	111	130	84
C	130	203	120	142	93

(a)(2) LP100 stations must satisfy the second-adjacent channel minimum distance separation requirements of paragraph (a)(1) of this section with respect to any third-adjacent channel FM station that, as of September 20, 2000, broadcasts a radio reading service via a subcarrier frequency.

(a)(3) An LP250 station will not be authorized initially unless the minimum distance separations in the following table are met with respect to authorized FM stations, applications for new and existing FM stations filed prior to the release of the public notice announcing an LPFM window period for LP250 stations and vacant FM allotments. LPFM modification applications must either meet the distance separations in the following table or, if short-spaced, not lessen the spacing to subsequently authorized stations.

Station class protected by LP250	Co-channel minimum separation (km)		First-adjacent channel minimum separation (km)		Second and third adjacent channel minimum separation (km)	I.F. channel minimum separations
	Required	For no interference received from max. class facility	Required	For no interference received from max. class facility		
					Required	10.6 or 10.8 MHz
D	20	26	16	15	7	3
A	67	92	56	56	30	6
B1	87	119	74	74	47	9
B	112	143	97	97	68	12
C3	78	119	67	67	41	9
C2	91	143	80	84	54	12
C1	111	178	100	111	74	20
C0	122	193	111	130	85	22
C	130	203	120	142	94	28

(a)(4) LP250 stations must satisfy the second-adjacent channel minimum distance separation requirements of paragraph (a)(3) of this section with respect to any third-adjacent channel FM station that, as of September 20, 2000, broadcasts a radio reading service via a subcarrier frequency.

(a)(5) LP100 and LP250 stations operating with 100 watts or less effective radiated power (ERP) need not satisfy the I.F. channel minimum separations requirements.

(b)(1) In addition to meeting or exceeding the minimum separations in paragraph (a), new LP100 stations will not be authorized in Puerto Rico or the Virgin Islands unless the minimum distance separations in the following tables are met with respect to authorized or proposed FM stations:

Station class protected by LP100	Co-channel minimum separation (km)		First-adjacent channel minimum separation (km)		Second and third adjacent channel minimum separation (km)—required
	Required	For no interference received from max. class facility	Required	For no interference received from max. class facility	
A	80	111	70	70	42
B1	95	128	82	82	53
B	138	179	123	123	92

(b)(2) In addition to meeting or exceeding the minimum separations in paragraph (a), new LP250 stations will not be authorized in Puerto Rico or the Virgin Islands unless the minimum distance separations in the following tables are met with respect to authorized or proposed FM stations:

Station class protected by LP250	Co-channel minimum separation (km)		First-adjacent channel minimum separation (km)		Second and third adjacent channel minimum separation (km)—required	I.F. channel minimum separations—10.6 or 10.8 MHz
	Required	For no interference received from max. class facility	Required	For no interference received from max. class facility		
A	80	111	70	70	43	9
B1	95	128	82	82	54	11
B	138	179	123	123	93	19

(b)(3) LP100 and LP250 stations operating with 100 watts or less effective radiated power (ERP) need not satisfy the I.F. channel minimum separations requirements.

NOTE TO PARAGRAPHS (a) AND (b): Minimum distance separations towards “grandfathered” superpowered Reserved Band stations are as specified.

Full service FM stations operating within the reserved band (Channels 201-220) with facilities in excess of those permitted in § 73.211(b)(1) or § 73.211(b)(3) shall be protected by LPFM stations in accordance with the minimum distance separations for the nearest class as determined under § 73.211. For example, a Class B1 station operating with facilities that result in a 60 dBu contour that exceeds 39 kilometers but is less than 52 kilometers would be protected by the Class B minimum distance separations. Class D stations with 60 dBu contours that exceed 5 kilometers will be protected by the Class A minimum distance separations. Class B stations with 60 dBu contours that exceed 52 kilometers will be protected as Class C1 or Class C stations depending upon the distance to the 60 dBu contour. No stations will be protected beyond Class C separations.

(c)(1) In addition to meeting the separations specified in paragraphs (a) and (b), LP100 applications must meet the minimum separation requirements in the following table with respect to authorized FM translator stations, cutoff FM translator applications, and FM translator applications filed prior to the release of the Public Notice announcing the LPFM window period:

Distance to FM translator 60 dBu contour	Co-channel minimum separation (km)		First-adjacent channel minimum separation (km)		Second and third adjacent channel minimum separation (km)—required
	Required	For no interference received	Required	For no interference received	
13.3 km or greater.....	39	67	28	35	21
Greater than 7.3 km, but less than 13.3 km	32	51	21	26	14
7.3 km or less	26	30	15	16	8

(c)(2) In addition to meeting the separations specified in paragraphs (a) and (b), LP250 applications must meet the minimum separation requirements in the following table with respect to authorized FM translator stations, cutoff FM translator applications, and FM translator applications filed prior to the release of the Public Notice announcing the LPFM window period:

Distance to FM translator 60 dBu contour	Co-channel minimum separation (km)		First-adjacent channel minimum separation (km)		Second and third adjacent channel minimum separation (km)—required	I.F. channel minimum separations (km) 10.6 or 10.8 MHz
	Required	For no interference received	Required	For no interference received		
13.3 km or greater.....	44	67	30	37	22	None
Greater than 7.3 km, but less than 13.3 km	37	51	23	27	15	None
7.3 km or less	31	30	17	18	9	None

(c)(3) LP100 and LP250 stations operating with 100 watts or less effective radiated power (ERP) need not satisfy the I.F. channel minimum separations requirements.

(d)(1) LP100 stations that currently do not meet the minimum separation requirements specified in paragraphs (a) and (b) in respect to co-channel and first-adjacent channels seeking for an upgrade to LP250 at the same location must include a technical showing that demonstrates that the interfering contour of the upgraded LP250 station will not overlap the service contour of the short-spaced facility in accordance with §73.815(c) through (e) of this chapter.

(d)(2) LP100 stations that currently do not meet the minimum separation requirements specified in paragraphs (a), (b) or (c) in respect to second-adjacent channel or LP100 stations that currently meet minimum separation requirements specified in paragraphs (a), (b) and (c) but as a result of an upgrade to LP250 would be short-spaced to second adjacent channel stations will not be accepted for filing unless a showing can be made that the upgraded facility will not result in interference in accordance with the waiver process outlined in paragraph (f).

(e)(1) An LP100 station will not be authorized initially unless the minimum distance separations are met with respect to authorized LPFM stations and applications for new or existing LPFM stations filed prior to the release of the public notice announcing an LPFM window period. LPFM modification applications must either meet the distance separations in the following table or, if short spaced, not lessen the spacing to subsequently authorized stations.

Class of LPFM Station	Co-channel minimum separation (km)		First-adjacent channel minimum separation (km)		Second and third adjacent channel minimum separation (km)—required
	Required	For no interference received	Required	For no interference received	
LP100.....	24	24	14	14	None
LP250.....	26	29	15	16	None

(e)(2) An LP250 station will not be authorized initially unless the minimum distance separations are met with respect to authorized LPFM stations and applications for new or existing LPFM stations filed prior to the release of the public notice announcing an LPFM window period. LPFM modification applications must either meet the distance separations in the following table or, if short spaced, not lessen the spacing to subsequently authorized stations.

Class of LPFM Station	Co-channel minimum separation (km)		First-adjacent channel minimum separation (km)		Second and third adjacent channel minimum separation (km)—required
	Required	For no interference received	Required	For no interference received	
LP100.....	29	29	16	16	None
LP250.....	31	31	17	17	None

(e)(3) *LP-250 Introduction Period.*

(A) LP250 stations will be available only as an upgrade for LP100 stations. The Commission will announce by Public Notice an introduction period for existing LP100 stations.

(B) As new LP100 stations are authorized after subsequent filing windows, LP250 will not be immediately available. At a time after a significant number of new LP100 applications have been decided, the Commission will announce by Public Notice an introduction period for those new LP100 stations.

(C) The introduction period will be for 30 days from the business day after the release of the Public Notice.

(D) During the introduction period, no application would be accepted for filing which specifies new LP250 facilities or changes to LP250 facilities within 31 kilometers of a LP100 station on co-channel and within 17 kilometers of a LP100 station on first-adjacent channels.

(E) At the conclusion of the introduction period, the Commission will entertain applications specifying LP250 facilities in accordance with the minimum distance separation table in paragraph (e)(2) of this section.

(e)(4) *LP250 Automatic Upgrade Authority.*

(A) At the start of the LP250 introduction period specified in paragraph (e)(3) of this section, the Commission may, through Public Notice, extend Automatic Upgrade Authority to LP100 stations that meet all of the following criteria:

- (i) The LP100 station is fully licensed;
- (ii) The LP100 station is not located within 320 kilometers of Canada or Mexico;
- (iii) The LP100 station is not located in Puerto Rico or the U.S. Virgin Islands;
- (iv) The LP100 station is currently not short-spaced to any other facility on co-channel, first-adjacent channel or second-adjacent channel;
- (v) The LP100 station is currently spaced at least 31 kilometers from another LPFM station on the same channel and at least 17 kilometers from another LPFM station on a first-adjacent channel with the exception of another LPFM station for which simultaneous operation is currently not permitted due to an approved time sharing agreement;
- (vi) The upgrade to LP250 would not create any new short spacing on co-channel, first-adjacent or second-adjacent channels as well as intermediate frequencies (+/- 53 and 54 channels);

(vii) The upgrade to LP250 does not create any new short spacing to a full-service station on a third-adjacent channel that of September 20, 2000, broadcasts a radio reading service via a subcarrier frequency; and

(viii) The upgrade to LP250 does not create a 60 dBu F(50, 50) service contour where at least one lobe, based on 360 equally spaced radials, extends more than 12.7 kilometers.

(ix) The upgrade to LP250 does not require a contour overlap study in accordance with §73.815(b) of this chapter.

(x) The LP250 station will operate on Channels 221 through 300.

(B) For a period of 180 days from the publication of the Public Notice, an LP100 station specified as eligible for Automatic Upgrade Authority may increase their transmitter power output in order to achieve the effective radiated power specified for that facility on the Public Notice. No other changes are authorized.

(C) Upon completion of the power increase, the LPFM station will notify the Commission of the power increase through a modification of license using Form 319.

(D) After the 180 day period has expired and the license has not been modified, then automatic upgrade authority will expire. An upgrade can still be requested by filing for a construction permit on a first-come, first-served basis.

(f)(1) *Waiver of the second-adjacent channel separations.* The Commission will entertain requests to waive the second-adjacent channel separations in paragraphs (a) through (c) of this section on a case-by-case basis. In each case, the LPFM station must establish, using methods of predicting interference taking into account all relevant factors, including terrain-sensitive propagation models, that its proposed operations will not result in interference to any authorized radio service. The LPFM station may do so by demonstrating that no actual interference will occur due to intervening terrain or lack of population. The LPFM station may use an undesired/desired signal strength ratio methodology to define areas of potential interference.

(f)(2) *Interference.*

(A) Upon receipt of a complaint of interference from an LPFM station operating pursuant to a waiver granted under paragraph (e)(1) of this section, the Commission shall notify the identified LPFM station by telephone or other electronic communication within one business day.

(B) An LPFM station that receives a waiver under paragraph (f)(1) of this section shall suspend operation immediately upon notification by the Commission that it is causing interference to the reception of an existing or modified full-service FM station without regard to the location of the station receiving interference. The LPFM station shall not resume operation until such interference has been eliminated or it can demonstrate to the Commission that the interference was not due to emissions from the LPFM station. Short test transmissions may be made during the period of suspended operation to check the efficacy of remedial measures.

(g) Commercial and noncommercial educational stations authorized under subparts B and C of this part, as well as new or modified commercial FM allotments, are not required to adhere to the separations specified in this rule section, even where new or increased interference would be created.

(h) International considerations within the border zones.

(h)(1)(a) Within 320 km of the Canadian border, LP100 stations must meet the following minimum separations with respect to any Canadian stations:

Canadian station class	Co-channel (km)	First-adjacent channel (km)	Second-adjacent channel (km)	Third-adjacent channel (km)	Intermediate frequency (IF) channel (km)
A1 & Low Power	45	30	21	20	4
A	66	50	41	40	7
B1	78	62	53	52	9
B	92	76	68	66	12
C1	113	98	89	88	19
C	124	108	99	98	28

(h)(1)(b) Within 320 km of the Canadian border, LP250 stations must meet the following minimum separations with respect to any Canadian stations:

Canadian station class	Co-channel (km)	First-adjacent channel (km)	Second-adjacent channel (km)	Third-adjacent channel (km)	Intermediate frequency (IF) channel (km)
A1 & Low Power	54	33	22	20	4
A	74	53	42	40	6
B1	86	65	54	52	9
B	101	79	68	67	12
C1	122	101	90	88	19
C	132	111	100	98	26

(h)(1)(c) Applications for LPFM stations within 320 km of the Canadian border may employ an ERP up to a maximum of 250 watts. The distance to the 34 dBu interfering contour may not exceed 60 km in any direction.

(h)(2)(a) Within 320 km of the Mexican border, LP100 stations must meet the following separations with respect to any Mexican stations:

Mexican station class	Co-channel (km)	First-adjacent channel (km)	Second- and third-adjacent channel (km)	Intermediate frequency (IF) channel (km)
Low Power	27	17	9	3
A	43	32	25	5
AA	47	36	29	6
B1	67	54	45	8
B	91	76	66	11
C1	91	80	73	19
C	110	100	92	27

(h)(2)(b) Within 320 km of the Mexican border, LP250 stations must meet the following separations with respect to any Mexican stations:

Mexican station class	Co-channel (km)	First-adjacent channel (km)	Second- and third-adjacent channel (km)	Intermediate frequency (IF) channel (km)
Low Power	33	19	10	3
A	48	34	26	6
AA	53	38	30	6
B1	73	57	46	9
B	101	79	68	12
C1	96	83	74	19
C	116	102	93	26

(h)(2)(c) *Stations within 125 km of the common border with Mexico.*

(1) LP100 stations located within 125 kilometers with the common border of Mexico are limited to 50 watts ERP.

(2) LP250 stations are not authorized within 125 kilometers with the common border of Mexico unless the following showing can be made:

(i) The proposed facility has a radiation center that has a height above average terrain of at least 44 meters in accordance with §73.813 of this part;

(ii) The proposed facility will not propose a service contour that will exceed 8.7 kilometers in the direction of Mexico; and

(iii) Proposes an ERP of 50 watts or less.

(h)(2)(d) LP100 and LP250 stations located more than 125 kilometers but less than 320 kilometers of the common border with Mexico may operate with more than 50 watts ERP provided that it does not have a 60 dBu service contour where a lobe reaches within 116.3 kilometers of the border.

(h)(3) The Commission will notify the International Telecommunications Union (ITU) of any LPFM authorizations in the US Virgin Islands. Any authorization issued for a US Virgin Islands LPFM station will include a condition that permits the Commission to modify, suspend or terminate without right to a hearing if found by the Commission to be necessary to conform to any international regulations or agreements.

(h)(4) The Commission will initiate international coordination of a LPFM proposal even where the above Canadian and Mexican spacing tables are met, if it appears that such coordination is necessary to maintain compliance with international agreements.

2. Proposed modifications to Section 73.811 are as follows:

§73.811 LPFM power and antenna height requirements

(a) *Maximum facilities.*

(1) LP100 stations not operating under an Automatic Upgrade Authority as outlined in Section 73.807(e)(4) of the Commission’s Rules will be authorized to operate with maximum facilities of 100 watts ERP at 30 meters HAAT. An LP100 station with a HAAT that exceeds 30 meters will not be permitted to operate with an ERP greater than which would result in a 60 dBu contour of 5.6 kilometers.

(2) LP250 stations and LP100 stations operating under an Automatic Upgrade Authority as outlined in Section 73.807(e)(4) of the Commission's Rules will be authorized to operate with maximum facilities of 250 watts ERP at 30 meters HAAT. An LP250 station or an LP100 station operating under Automatic Upgrade Authority with a HAAT that exceeds 30 meters will not be permitted to operate with an ERP greater than which would result in a 60 dBu contour of 7.1 kilometers.

(3) In no event will an ERP of less than one watt be authorized. LP100 stations will not be authorized in excess of one watt ERP at 450 meters HAAT.

(b) *Minimum facilities.*

(1) LP100 stations may not operate with facilities of less than 50 watts ERP at 30 meters HAAT or the equivalent necessary to produce a 60 dBu contour that extends at least 4.7 kilometers.

(2) LP250 stations may not operate with facilities of less than 101 watts ERP at 30 meters HAAT or the equivalent necessary to produce a 60 dBu contour that extends at least 5.7 kilometers.

3. Proposed addition of new Section 73.815 as follows:

§73.815 Supplemental contour overlap study for LP250 stations

(a) In addition to meeting the minimum distance separation requirements of Section 73.807(a), An application for an LP250 station that includes a 60 dBu service contour that extends to at least 12.7 km in any direction will not be accepted for filing if the proposed operation would involve overlap of the predicted field contours with any other authorized commercial or non-commercial FM broadcast stations, FM translators and Class D (secondary) noncommercial educational FM stations as set forth in paragraph (c) of this section.

(b) In addition to meeting the minimum distance separation requirements of Section 73.807(a), An application for an LP250 station except in Puerto Rico and the Virgin Islands will not be accepted for filing if the proposed operation would involve overlap of the predicted field contours with any other authorized co-channel, first-adjacent channel or second adjacent channel, commercial or non-commercial FM broadcast stations on channels 221 through 300 as set forth in paragraph (c) of this section when such station includes a service contour that extends in any direction at least the minimum value as set forth:

If the full service station class is:	And the service contour exceeds the following distance in any direction (km):	A contour overlap showing is required in respect to that full-service FM facility if the LP-250 is closer than the following distances (km):		
		Co-channel	First-adjacent channel	Second-adjacent channel
A.....	46.3	91	65	47
B1.....	66.0	122	89	68
B.....	88.6	149	116	90
C3.....	59.2	103	78	60
C2.....	74.5	119	94	76
C1.....	95.9	140	115	97
C0.....	107.2	151	126	108
C.....	119.1	163	138	120

(c) FM facilities subject to additional contour overlap protection must be protected as forth:

(1) Commercial Class B FM Stations (Protected Contour: 0.5 mV/m)

Frequency Separation	Interference contour of proposed LP250 station	Protected contour of commercial Class B station
Co-channel	0.05 mV/m (34 dBu)	0.5 mV/m (54 dBu)
200 kHz	0.25 mV/m (48 dBu)	0.5 mV/m (54 dBu)
400 kHz	50.0 mV/m (94 dBu)	0.5 mV/m (54 dBu)

(2) Commercial Class B1 FM Stations (Protected Contour: 0.7 mV/m)

Frequency Separation	Interference contour of proposed LP250 station	Protected contour of commercial Class B station
Co-channel	0.07 mV/m (37 dBu)	0.7 mV/m (57 dBu)
200 kHz	0.35 mV/m (51 dBu)	0.7 mV/m (57 dBu)
400 kHz	70.0 mV/m (97 dBu)	0.7 mV/m (57 dBu)

(3) All Other Classes of FM Stations (Protected Contour: 1 mV/m)

Frequency Separation	Interference contour of proposed LP250 station	Protected contour of commercial Class B station
Co-channel	0.1 mV/m (40 dBu)	1 mV/m (60 dBu)
200 kHz	0.5 mV/m (54 dBu)	1 mV/m (60 dBu)
400 kHz	100 mV/m (100 dBu)	1 mV/m (60 dBu)

(d) The following standards must be used to compute the distances to the pertinent contours:

(1) The distances to the protected contours are computed using Figure 1 of §73.333 [F(50,50) curves] of this chapter.

(2) The distances to the interference contours are computed using Figure 1a of §73.333 [F(50,10) curves] of this chapter. In the event that the distance to the contour is below 16 kilometers, and therefore not covered by Figure 1a, curves in Figure 1 must be used.

(3) The effective radiated power (ERP) to be used is the maximum ERP of the main radiated lobe in the pertinent azimuthal direction. If the transmitting antenna is not horizontally polarized only, either the vertical component or the horizontal component of the ERP is used, whichever is greater in the pertinent azimuthal direction.

(4) The antenna height to be used is the height of the radiation center above the average terrain along each pertinent radial, determined in accordance with §73.313(d) of this chapter.

(e) The provisions of this section concerning prohibited overlap will not apply where the area of such overlap lies entirely over water.

4. Proposed modifications to Section 73.825 are as follows:

§ 73.825 Protection to reception of TV channel 6.

(a) LPFM stations will be authorized on Channels 201 through 220 only if the pertinent minimum separation distances in the following table are met with respect to all full power TV Channel 6 stations.

FM channel number	Class LP100 to TV channel 6 (km)	Class LP250 to TV channel 6 (km)
201	140	143
202	138	141
203	137	139
204	136	138
205	135	136
206	133	135
207	133	133

208	133	133
209	133	133
210	133	133
211	133	133
212	132	133
213	132	133
214	132	132
215	131	132
216	131	132
217	131	132
218	131	131
219	130	131
220	130	130

(b) LPFM stations will be authorized on Channels 201 through 220 only if the pertinent minimum separation distances in the following table are met with respect to all low power TV, TV translator, and Class A TV stations authorized on TV Channel 6.

FM channel number	Class LP100 to TV channel 6 (km)	Class LP250 to TV channel 6 (km)
201	98	101
202	97	99
203	95	97
204	94	96
205	93	94
206	91	93
207	91	92
208	91	92
209	91	92
210	91	92
211	91	92
212	90	91
213	90	91
214	90	91
215	90	90
216	89	90
217	89	90
218	89	89
219	89	89
220	89	89

5. Proposed modification to Section 73.860 by revising paragraph (b) as follows:

§73.860 Cross-ownership

(b) A party that is not a Tribal Applicant, as defined in Section 73.853(c) of this Part, may hold attributable interests in one LPFM station and no more than two FM translator or FM booster stations or a

combination thereof provided the following conditions are met:

(1) FM translator and booster station(s), at all times, synchronously rebroadcasts the primary analog signal of the commonly-owned LPFM station or, if the commonly-owned LPFM station operates in hybrid mode, synchronously rebroadcasts the digital HD-1 version of the LPFM station's signal;

(2) The FM translator station(s) receives the signal of the commonly-owned LPFM station over the air and directly from the commonly owned LPFM station itself; and

(3) The transmitting antenna of the FM translator(s) station is located within 16.1 km (10 miles) for LPFM stations located in the top 50 urban markets and 32.1 km (20 miles) for LPFM stations outside the top 50 markets of either the transmitter site of the commonly owned LPFM station or the reference coordinates for that station's community of license.

6. Proposed modification to Section 73.870 by revising paragraph (a) as follows:

§73.870 Processing of LPFM broadcast station applications

(a) A minor change for an LPFM station authorized under this subpart is limited to transmitter site relocations of 11.1 kilometers or less for LP100 stations and 14.1 kilometers or less for LP250 stations. These distance limitations do not apply to amendments or applications proposing transmitter site relocation to a common location filed by applicants that are parties to a voluntary time-sharing agreement with regard to their stations pursuant to §73.872 paragraphs (c) and (e). These distance limitations also do not apply to an amendment or application proposing transmitter site relocation to a common location or a location very close to another station operating on a third-adjacent channel in order to remediate interference to the other station; provided, however that the proposed relocation is consistent with all localism certifications made by the applicant in its original application for the LPFM station. Minor changes of LPFM stations may include:

(1) Changes in frequency to adjacent (first-adjacent, second-adjacent or third-adjacent) or I.F. frequencies or upon a technical showing of reduced interference, to any channel; and

(2) Amendments to time-sharing agreements, including universal agreements that supercede involuntary agreements.

7. Proposed modification to Section 73.871 by revising paragraph (c) as follows:

§73.871 Amendment of LPFM broadcast station applications

(c) Only minor amendments to new and major change applications will be accepted after the close of the pertinent filing window subject to the provisions of this section, such amendments may be filed as a matter of right by the date specified in the FCC's Public Notice announcing the acceptance of such applications. For the purpose of this section, minor amendments are limited to:

(1) Site relocations of 11.1 kilometers or less for LP100 stations;

(2) Site relocations of 14.1 kilometers or less for LP250 stations;

(3) Changes in ownership where the original party or parties to the application retain more than a 50 percent ownership interest in the application as originally filed;

(4) Universal voluntary time-sharing agreements to apportion vacant time among the licensees;

(5) Other changes in general and/or legal information; and

(6) Filings proposing transmitter site relocation to a common location submitted by applicants that are parties to a voluntary time-sharing agreement with regard to their stations pursuant to §73.872 paragraphs (c) and (e).

8. Proposed modification to section 73.872 by revising paragraph (b) as follows:

§73.872 Selection procedure for mutually exclusive LPFM applications

(b) Each mutually exclusive application will be awarded one point for each of the following criteria, based on certifications that the qualifying conditions are met and submission of any required documentation:

* * * * *

(2) *Local program origination.* The applicant must pledge to originate locally at least eight hours of programming per day. For purposes of this criterion, local origination is the production of programming by the licensee, within ten miles of the coordinates of the proposed transmitting antenna. Local origination includes licensee produced call-in shows, music selected and played by a disc jockey present on site, broadcasts of events at local schools, and broadcasts of musical performances at a local studio or festival, whether recorded or live. Local origination does not include the broadcast of repetitive or automated programs or time-shifted recordings of non-local programming whatever its source. In addition, local origination does not include a local program that has been broadcast twice, even if the licensee broadcasts the program on a different day or makes small variations in the program thereafter. In the event the applicant is subject to voluntary time-sharing in accordance with paragraph (c) or subject to involuntary time-sharing in accordance with paragraph (d), the applicant need only to originate locally for a period of at least one-third of the station’s broadcast day to meet this criterion.

9. Proposed modification to section 74.1204 by revising paragraph (a) as follows:

§74.1204 Protection of FM broadcast, FM translator, LP100 and LP250 stations.

(a) An application for an FM translator station will not be accepted for filing if the proposed operation would involve overlap of predicted field contours with any other authorized commercial or noncommercial FM educational broadcast stations, FM translators, and Class D (secondary) noncommercial educational FM stations; or it would result in new or increased overlap with an LP100 or LP250 station, as set forth:

* * * * *

(4) LP100 and LP250 stations (Protected Contour: 1 mV/m)

Frequency Separation	Interference contour of proposed translator station	Protected contour of LP100/LP250 LPFM station
Co-channel	0.1 mV/m (40 dBu)	1 mV/m (60 dBu)
200 kHz	0.5 mV/m (54 dBu)	1 mV/m (60 dBu)
400 kHz	100 mV/m (100 dBu)	1 mV/m (60 dBu)

APPENDIX C

“FOOTHILL STATIONS”

LP-100 STATIONS WITH A SERVICE CONTOUR
THAT HAS A LOBE EXCEEDING 10.2km

UNDER REC’S PROPOSED RULES, A FOOTHILL STATION
PROPOSING TO UPGRADE TO LP-250 MUST MAKE AN
ADDITIONAL SHOWING THAT THERE WILL BE NO
INTERFERENCE TO FULL POWER BROADCAST STATIONS
AS A RESULT OF THE UPGRADE TO LP-250

FOOTHILL STATIONS WOULD NOT BE ELIGIBLE
FOR AUTOMATIC UPGRADE AUTHORITY.

YES=CAN UPGRADE ON CURRENT CHANNEL
 NO=CAN' T UPGRADE ON CURRENT CHANNEL
 2ADJ=CAN UPGRADE ON CURRENT CHANNEL WITH NEW SECOND ADJ WAI VER REQUEST

1.	AK WASI LLA	195927	KEGR-LP	YES	RAGE, INC.
2.	AL FORT PAYNE	193761	WFTP-LP	YES	FORT PAYNE CHURCH OF CHRIST
3.	AR MENA	134109	KRMN-LP	YES	MENA PUBLIC SCHOOL BOARD
4.	AR MENA	193104	KAWX-LP	YES	COMMUNITY RADIO, INC.
5.	AZ FLAGSTAFF	196985	NEW	YES	CALVARY CHAPEL OF FLAGSTAFF
6.	AZ FLAGSTAFF	193872	NEW	2ADJ	SAN FRANCISCO DE ASIS ROMAN CATHOLIC PARI SH FLAGSTAFF
7.	AZ GLOBE	197253	KXTW-LP	YES	GLOBE MIAMI COMMUNITY RADIO
8.	AZ GOLD CANYON	191648	KRWW-LP	YES	GOLD CANYON PUBLIC RADIO INC
9.	AZ JEROME	191771	KZRJ-LP	NO	GULCH RADIO BROADCASTERS, INC.
10.	AZ PRESCOTT	193876	NEW	YES	SACRED HEART ROMAN CATHOLIC PARI SH PRESCOTT
11.	AZ PRESCOTT VALLEY	193878	NEW	NO	ST. GERMAINE ROMAN CATHOLIC PARI SH PRESCOTT VALLEY
12.	AZ SEDONA	194120	KUOS-LP	YES	INTERNATIONAL METAPHYSICAL MINI STRY DBA UNI VERSITY OF..
13.	AZ TUCSON	192507	NEW	NO	GLOBAL CHANGE MULTI -MEDIA
14.	AZ UPPER MOENCOP	194771	NEW	YES	THE HOPI FOUNDATION
15.	AZ WILLIAMS	191859	KZBX-LP	YES	FIRST BAPTIST CHURCH OF WILLIAMS, ARIZONA
16.	CA BIG BEAR LAKE	124259	KWBB-LP	YES	MOUNTAIN MINISTRIES
17.	CA BIG BEAR LAKE	193597	KVBB-LP	YES	BIG BEAR THEATER INC.
18.	CA CORONA	124781	KORM-LP	YES	TEMPLO NUEVA VIDA, INC.
19.	CA CORONA	124903	KGIC-LP	YES	ANDRES SERRANO MINI STRIES
20.	CA FRAZIER PARK	196045	KWDB-LP	YES	TRI COUNTY WATCHDOGS
21.	CA FRAZIER PARK	194173	KFPP-LP	YES	RIDGE ROUTE COMMUNITIES MUSEUM AND HISTORICAL SOCIETY
22.	CA GUADALUPE	197606	KEPM-LP	2ADJ	EL PADRECITO MINI STRIES, INC.
23.	CA HAYWARD, CALI FORNI A	193012	KEPT-LP	2ADJ	CALVARY CHAPEL OF HAYWARD, INC.
24.	CA LA QUINTA	195568	NEW	NO	GOSPEL SPOTS, INC
25.	CA LEBEC	193523	KCGV-LP	YES	CALIFORNIA FAMILY COUNSELING NETWORK, INC.
26.	CA MALIBU	195574	KBUU-LP	NO	ZUMA BEACH FM EMERGENCY AND COMMUNITY BROADCASTERS
27.	CA MARI POSA	195075	KRYZ-LP	YES	CHRYSALIS INSTITUTE
28.	CA MT. SHASTA	124869	KMSJ-LP	YES	MOUNTAIN CHRISTIAN FELLOWSHIP
29.	CA NEVADA CITY	123766	KYRR-LP	NO	STEVEN J. MICHELSEN TRUST
30.	CA NORTH HOLLYWOOD	195603	NEW	2ADJ	CINEFAMILY
31.	CA NORTH HOLLYWOOD	195605	NEW	NO	11:11 A CREATIVE COLLECTIVE
32.	CA OAKHURST	192537	KOLS-LP	YES	RADIO CATHOLIC
33.	CA OJAI	191990	KOVY-LP	2ADJ	OJAI COMMUNITY RADIO
34.	CA OROVILLE	194006	KKHP-LP	YES	HAYDEN MINISTRIES
35.	CA PALM DESERT	194937	KAJI -LP	NO	AMERICAN JAZZ INSTITUTE
36.	CA PINE MOUNTAIN CLUB	192696	KCPK-LP	YES	CENTER OF THE WORLD FESTIVAL, INC.
37.	CA REDLANDS	195609	KHSH-LP	NO	CALVARY CHAPEL OF REDLANDS D/B/A PACKINGHOUSE CHRISTI..
38.	CA REDLANDS	197037	KLLQ-LP	2ADJ	THE JOSIAH MINI STRY
39.	CA ROSAMOND	192363	KWUH-LP	YES	BLUVTH MUZICK RADIO
40.	CA SAN BERNARDINO	124517	KJVA-LP	NO	VIDA ABUNDANTE
41.	CA SANTA BARBARA	193149	NEW	2ADJ	ST. RAPHAEL SCHOOL
42.	CA SANTA CLARITA	196311	KZNO-LP	NO	SANTA CLARITA PUBLIC SERVICE BROADCASTERS CORPORATION
43.	CA SANTA CLARITA	196118	NEW	2ADJ	SANTA CLARITA ORGANIZATION FOR PLANNING THE ENVIRONMENT
44.	CA SANTA ROSA	196504	NEW	NO	REDWOOD JUSTICE FUND
45.	CA SANTA ROSA	196792	NEW	NO	SANTA ROSA COMMUNITY MEDIA ACCESS CENTER, INC.
46.	CA SIMI VALLEY	197314	KWSV-LP	2ADJ	STRATEGIC INTERNATIONAL MINISTRIES
47.	CA THOUSAND OAKS	123947	KNJR-LP	NO	CONejo RADIO MINI STRIES
48.	CA VENTURA	195141	NEW	2ADJ	COMMUNITY ACCESS PARTNERS OF SAN BUENAVENTURA
49.	CA WALNUT CREEK	196494	KOWA-LP	NO	EAST BAY ORIENTAL RADIO, INC.
50.	CA WEST POINT	193635	KQBM-LP	YES	BLUE MOUNTAIN PLAYERS
51.	CA WILLI TS	197092	KLLG-LP	YES	LITTLE LAKE GRANGE #670
52.	CA YUCAI PA	195813	KQLH-LP	NO	ARROWHEAD ALLIANCE OF THE INLAND EMPIRE
53.	CA YUCAI PA	195857	KWCI -LP	NO	CALVARY CHAPEL YUCAI PA WILDWOOD CHRISTIAN FELLOWSHIP
54.	CA YUCAI PA	197424	NEW	NO	YUCAI PA CENTER FOR HEALTH AND FAMILY WELL-BEING INC
55.	CO CANON CITY	194717	KOAV-LP	2ADJ	FREMONT COUNTY COMMUNITY RADIO, INC.
56.	CO COLORADO SPRINGS	132100	KWIR-LP	NO	CALVARY COMMUNITY CHURCH
57.	CO COLORADO SPRINGS	194782	KCMJ-LP	2ADJ	COLORADO MEDIA JUSTICE FOUNDATION
58.	CO DENVER	195499	KOMF-LP	2ADJ	OPEN MEDIA FOUNDATION
59.	CO ESTES PARK	131930	KREV-LP	NO	UNITED METHODIST CHURCH OF ESTES PARK
60.	CO FORT GARLAND	192025	KLXL-LP	YES	SANGRE DE CRISTO RADIO ASSOCIATION
61.	CO GRAND JUNCTION	194096	NEW	2ADJ	ROCA ETERNA, INC.
62.	CO GUNNISON	131690	KGUS-LP	2ADJ	COLORADO, STATE OF, TELECOM SERVS
63.	CO IDAHO SPRINGS	131469	KYGT-LP	YES	CLEAR CREEK RADIO, INC.
64.	CO LEADVILLE	131652	KLEV-LP	YES	COLORADO, STATE OF, TELECOM SERVS
65.	CO LOUISVILLE	195390	NEW	NO	CITY OF LOUISVILLE
66.	CO LOUISVILLE	195177	KPDD-LP	NO	CITY OF LOUISVILLE
67.	CO MANTOU SPRINGS	195254	NEW	NO	NEVVUE PRODUCTIONS, INC.
68.	CO MINTURN	131946	KLNK-LP	YES	MINTURN PUBLIC RADIO
69.	CO MONTROSE	132045	KDVW-LP	YES	CALVARY CHAPEL OF MONTROSE
70.	CO MONUMENT	196974	KIQN-LP	2ADJ	EAST INDIAN MUSIC ACADEMY OF MONUMENT
71.	CO OURAY	131909	KURA-LP	YES	OURAY SCHOOL DISTRICT R1
72.	GA TALKING ROCK	194275	WXJR-LP	YES	GEORGIA MOUNTAIN BROADCASTING CORPORATION
73.	HI HAWI	192387	KNKR-LP	YES	NORTH KOHALA COMMUNITY RESOURCE CENTER
74.	HI HI LO	132082	KIHL-LP	YES	CALVARY CHAPEL HI LO
75.	HI KAILUA-KONA	194958	KONA-LP	YES	THE SANCTUARY OF MANA KE' A GARDENS DBA RADIO ALCHEMY
76.	HI KULA	196271	KUKE-LP	NO	CALVARY CHAPEL UPCOUNTRY
77.	HI LIHUE	195624	KESU-LP	YES	CALVARY CHAPEL LIHUE

78.	ID	KAMI AH	132207	KMEI -LP	YES	KAMI AH VALLEY BROADCASTING CORPORATION
79.	ID	MCCALL	193754	NEW	YES	LONG VALLEY COMMUNITY RADIO
80.	ID	TWIN FALLS	192885	KDKI -LP	YES	TAMARACK COMMUNITY BROADCASTING, INC.
81.	ID	TWIN FALLS	126205	KAGF-LP	2ADJ	AMAZING GRACE FELLOWSHIP
82.	MA	ATHOL	191917	WVAO-LP	YES	ATHOL ORANGE COMMUNITY TELEVISION, INC.
83.	MA	BELCHERTOWN	196208	WAIY-LP	NO	DWIGHT CHAPEL INC.
84.	MI	MARQUETTE	192253	WNOA-LP	YES	CLAVES REGNI MINISTRIES, INC. DBA NORTHERN APOSTLE RADIO
85.	MT	ABSAROKEE	195320	NEW	YES	STILLWATER COUNTY DISASTER AND EMERGENCY SERVICES
86.	MT	BOZEMAN	193234	KJZS-LP	YES	GRACE BIBLE CHURCH LIMITED OF BOZEMAN, MT
87.	MT	BOZEMAN	133296	KOFK-LP	YES	GUILD OF ST. PETER
88.	MT	BOZEMAN	135715	KMEA-LP	YES	GALATIN CHRISTIAN EDUCATION STATION
89.	MT	BUTTE	133299	KQOV-LP	YES	QUEEN OF VICTORY EDUCATIONAL RADIO ASSOCIATION
90.	MT	BUTTE	192251	KBMF-LP	YES	BUTTE AMERICA FOUNDATION
91.	MT	CELL SITE	134669	KEAJ-LP	YES	JEFFERSON COUNTY DISASTER & EMERGENCY SERVICES
92.	MT	ELK PARK	134671	KWEP-LP	YES	JEFFERSON COUNTY DISASTER & EMERGENCY SERVICES
93.	MT	FISHTAIL	195348	NEW	YES	STILLWATER COUNTY DISASTER AND EMERGENCY SERVICES
94.	MT	FLORENCE	195113	NEW	2ADJ	ST. GREGORY'S GUILD
95.	MT	HARRISON	196020	NEW	YES	HARRISON K-12 SCHOOL DISTRICT NO. 23
96.	MT	HELENA	197522	KMEH-LP	YES	MONTANA ETHICAL HACKERS
97.	MT	HOT SPRINGS	197308	NEW	YES	OUR EVOLUTION RADIO
98.	MT	LEWISTOWN	194737	KQLW-LP	YES	LEWISTOWN CHRISTIAN FM
99.	MT	LEWISTOWN	193007	KSJG-LP	YES	SAINT JOSEPH RADIO, INC.
100.	MT	MISSOULA	192653	KSMZ-LP	YES	SAINT MICHAEL COMMUNICATION
101.	MT	MISSOULA	135554	KWLY-LP	2ADJ	WATER OF LIFE RADIO
102.	MT	MONTANA CITY	134809	KWLG-LP	YES	JEFFERSON COUNTY DISASTER & EMERGENCY SERVICES
103.	MT	SHERIDAN	196900	NEW	YES	SHERIDAN SCHOOL DISTRICT #5
104.	MT	ST. REGIS	134971	KTGC-LP	YES	ST. REGIS PUBLIC SCHOOL
105.	NC	ASHEVILLE	135084	WRES-LP	NO	EMPOWERMENT RESOURCE CENTER OF ASHEVILLE & BUNCOMBE C...
106.	NC	BLACK MOUNTAIN	193023	WHSP-LP	YES	CHURCH OF THE INCARNATION OF ASHEVILLE, INCORPORATED
107.	NC	HENDERSONVILLE	134678	WICE-LP	NO	EBENEZER PENTECOSTAL RADIO SERVICE
108.	NH	BARTLETT	126146	WJSK-LP	YES	THE BARTLETT-JACKSON COMMUNITY BROADCASTERS ASSOCIATION
109.	NH	BETHLEHEM	195474	WZNC-LP	YES	FRIENDS OF THE COLONIAL
110.	NM	ALAMOGORDO	134603	KALH-LP	YES	SOUTHWESTERN TRAILS CULTURAL HERITAGE ASSOCIATION
111.	NM	ALBUQUERQUE	192230	KMGG-LP	NO	FUTURE BROADCASTERS INC.
112.	NM	DI XON	133630	KLDK-LP	NO	EMBUDO VALLEY COMMUNITY LIBRARY
113.	NM	EDGEWOOD	196707	NEW	YES	SHEPHERD'S CALL
114.	NM	ESPANOLA	197623	KTRO-LP	2ADJ	THE ROCK CHRISTIAN OUTREACH
115.	NM	MADRID	194010	KMRD-LP	2ADJ	MADRID CULTURAL PROJECTS
116.	NM	PLACITAS	192359	KUPR-LP	NO	LAS PLACITAS ASSOCIATION
117.	NM	RATON	194383	NEW	YES	ST. PATRICK - ST. JOSEPH
118.	NM	RUIDOSO	134657	KEDU-LP	2ADJ	CHRISTIAN BUSINESS OWNERS OF LINCOLN COUNTY
119.	NM	SANTA FE	192216	KVTP-LP	NO	CHURCH OF THE ONE GOD
120.	NM	SANTA FE	197072	KGZR-LP	2ADJ	SANTA FE TEEN ARTS CENTER
121.	NV	LAS VEGAS	190166	KIOF-LP	NO	LAS VEGAS PUBLIC RADIO INC.
122.	NV	LAS VEGAS	194198	KQLS-LP	NO	CHINESE VOICE OF GOLDEN CITY
123.	NV	LAS VEGAS	192574	NEW	NO	LIBERTY BAPTIST CHURCH OF LAS VEGAS
124.	NV	LAS VEGAS	196840	NEW	NO	BLACKBIRD ARTS, INC.
125.	NV	LAS VEGAS	192224	NEW	NO	IGLESIA CRISTIANA VOZ DE SALVACION
126.	NV	LAS VEGAS	197049	NEW	NO	CITY OF THE WORLD, INC.
127.	NV	LAS VEGAS	195439	KIYO-LP	NO	READING, WRITING, ARITHMETIC, INC.
128.	NV	PAHRUMP	191768	KPFF-LP	YES	PAHRUMP FILM FESTIVAL INC
129.	NV	WINNEMUCCA	126278	KKTT-LP	YES	WINNEMUCCA CHRISTIAN BROADCASTING ASSOCIATION
130.	NY	GLENS FALLS	131698	WBLN-LP	YES	BETTER LIVING RADIO, INC.
131.	NY	LAKE PLACID	192810	WCLP-LP	YES	LIGHT OF TRUTH, INC.
132.	NY	MORITAH	132393	WMUD-LP	YES	CHAMPLAIN MUSIC APPRECIATION SOCIETY, INC.
133.	NY	NEWPORT	131911	WGLU-LP	NO	WEST CANADA CHRISTIAN RESOURCES
134.	NY	PALENSVILLE	196064	WLPP-LP	YES	MAETREUM OF CYBELE, MAGNA MATER INC.
135.	NY	PULTENEY	194152	WOKA-LP	YES	KEUKA BROADCASTERS, INC.
136.	NY	SANITARIA SPRINGS	131507	WLDL-LP	NO	LIVING WATER MINISTRIES
137.	NY	WOODSTOCK	194206	WIOF-LP	YES	BIRDS OF A FEATHER MEDIA LIMITED
138.	OR	GRANTS PASS	135682	KJCR-LP	2ADJ	WTL COMMUNICATIONS, INC.
139.	OR	HOOD RIVER	195536	KAHG-LP	YES	RIVER OF LIFE ASSEMBLY
140.	OR	JOHN DAY	135568	KSPL-LP	YES	VALLEY VIEW BROADCASTING, INC.
141.	OR	KLAMATH FALLS	135243	KZZF-LP	YES	JESUS RADIO, INC.
142.	SD	HOT SPRINGS	196386	KJFP-LP	YES	JOY COMMUNITY FELLOWSHIP SBC
143.	TN	CHATTANOOGA	194668	NEW	NO	IGLESIA CRISTO SALVA
144.	TN	GATLINBURG	195104	WJFS-LP	YES	GATLINBURG CHURCH OF CHRIST
145.	TN	GATLINBURG	195270	NEW	2ADJ	GRACE REDEMPTION CHURCH
146.	TN	JOHNSON CITY	195269	NEW	NO	JOHNSON CITY COMMUNITY CHRISTIAN RADIO
147.	TX	JULLIARD	134198	KXZX-LP	YES	COMUNIDAD CRISTIANA OF AMARILLO
148.	UT	CASTLE VALLEY	197599	NEW	YES	CASTLE VALLEY, INC., DBA AS 'DAYSTAR ADVENTIST ACADEMY'
149.	UT	HURRICANE	196197	KHPD-LP	2ADJ	CITY OF HURRICANE
150.	UT	HYRUM	192651	NEW	2ADJ	HYRUM CITY CORPORATION
151.	UT	LOGAN	194269	KBLU-LP	YES	AGGIE RADIO
152.	UT	LOGAN	197228	KXUT-LP	YES	WASATCH RADIO
153.	UT	MONTICELLO	123728	KAJ-LP	YES	FIRST BAPTIST CHURCH
154.	VA	STAUNTON	192543	WOSV-LP	YES	STAUNTON MEDIA ALLIANCE
155.	VT	BARRE	135758	WJPL-LP	YES	VERMONT CHRISTIAN RADIO, INC.
156.	VT	BRATTLEBORO	134542	WVEW-LP	YES	VERMONT EARTH WORKS, INC.
157.	VT	WARREN	133683	WMRW-LP	NO	ROOTSWORK INC.
158.	WA	BRIANON	196579	KPWN-LP	2ADJ	JUPITER CITY MEDIA

159.	WA	ENTI AT	192799	KORE-LP	YES	COMMUNITY ORIENTED RADIO ENDEAVOURS
160.	WA	FALL CITY	134276	KWJZ-LP	YES	SNOQUALMIE EDUCATIONAL RADIO PROJECT
161.	WA	GOLDENDALE	193361	KVGD-LP	YES	COMMUNITY ENRICHMENT FOR KLICKITAT COUNTY
162.	WA	LEAVENWORTH	194327	NEW	YES	OUR LADY OF THE SNOWS CATHOLIC CHURCH
163.	WA	ONALASKA	135319	KTYG-LP	YES	VALLEY LIFE BROADCASTING, INC.
164.	WA	OROVILLE	134798	KGTC-LP	YES	RUTH'S HOUSE OF HOPE
165.	WA	REPUBLIC	135216	KETL-LP	YES	FERRY COUNTY RADIO INC.
166.	WA	SPOKANE	135324	KVFS-LP	2ADJ	VOICES FOR OPPORTUNITY D/B/A VOICES
167.	WA	WALLA WALLA	192856	NEW	NO	ASSUMPTION OF THE BLESSED VIRGIN MARY CATHOLIC PARISH
168.	WA	WALLA WALLA	197470	NEW	YES	IGLESIA CAMINANTE DE LAS ASAMBLEAS DE DIOS
169.	WA	WALLA WALLA	197231	KTNH-LP	2ADJ	WALLA WALLA CATHOLIC RADIO
170.	WA	WALLA WALLA	197500	NEW	YES	STATELINE COMMUNITY CHURCH
171.	WA	WENATCHEE	192468	NEW	NO	ST. FRANCIS XAVIER GIFT SHOP
172.	WA	WENATCHEE	135720	KWEW-LP	2ADJ	WENATCHEE YOUTH RADIO
173.	WA	WENATCHEE	195791	KEFA-LP	NO	COR CHRISTI ACADEMY
174.	WA	WENATCHEE	192469	KJHS-LP	2ADJ	COR CHRISTI
175.	WV	BECKLEY	134453	WVPP-LP	YES	CALVARY ASSEMBLY OF GOD
176.	WV	PRINCETON	134607	WGAG-LP	YES	THE DENVER FOUNDATION, INCORPORATED
177.	WV	PURGETSVILLE	134476	WHMG-LP	YES	HOLY SPIRIT STUDY INSTITUTE, LTD.
178.	WY	GILLETTE	125905	KCOV-LP	YES	FIRST PRESBYTERIAN CHURCH
179.	WY	LANDER	194424	NEW	YES	CHURCH OF THE HOLY ROSARY
180.	WY	TETON VILLAGE	126477	KJHR-LP	2ADJ	TETON VILLAGE ASSOCIATION

APPENDIX D

**FACILITIES ELIGIBLE FOR REC PROPOSED
AUTOMATIC UPGRADE AUTHORITY**

CONTINGENT ON GRANTED LICENSE

1.	AK	DILLINGHAM	194179	KUBY-LP	LIGHTPOLE RADIO DLG
2.	AK	FAIRBANKS	195280	KDFJ-LP	HOPE CHAPEL, INC., D/B/A CALVARY CHAPEL NORTH STAR
3.	AK	FAIRBANKS	196531	KWRK-LP	ALASKA PEACE CENTER
4.	AK	GALENA	193373	NEW	GALENA SDA
5.	AK	GALENA	123974	KXES-LP	YUKON WIRELESS, INC.
6.	AK	NAKNEK	196092	NEW	KING'S CHAPEL BRISTOL BAY RADIO
7.	AK	PORT ALSWORTH	193152	KPTA-LP	TANALIAN BIBLE CAMP, INC.
8.	AK	SOLDOTNA	193937	NEW	SOLDOTNA CHURCH OF CHRIST
9.	AK	UNALAKLEET	195394	KLIU-LP	BERING LIGHT CORP
10.	AL	ABBEVILLE	132859	WESZ-LP	ABBEVILLE BROADCASTING, INC.
11.	AL	ANNISTON	193683	NEW	CENTER OF HOPE, INC.
12.	AL	ATHENS	135547	WOXD-LP	EMMANUEL FULL GOSPEL MINISTRIES
13.	AL	ATMORE	197448	NEW	POARCH BAND OF CREEK INDIANS
14.	AL	ATMORE	195779	NEW	GOSPEL LIGHT CHURCH, INC
15.	AL	AUBURN	133684	WAUF-LP	CORE RADIO MINISTRY, INC.
16.	AL	BRYANT	134944	WWFC-LP	FLORAL CREST BROADCASTING
17.	AL	COLUMBIA	196575	WSGQ-LP	COLUMBIA RADIO COMMUNICATIONS, INC.
18.	AL	CULLMAN	194074	WRJM-LP	CULLMAN COMMUNITY RADIO, INC.
19.	AL	DOTHAN	195954	NEW	THE ORDINARY PEOPLE SOCIETY
20.	AL	GADSDEN	194220	WEGD-LP	CITY OF GADSDEN
21.	AL	HAMILTON	133868	WFBH-LP	FIRST BAPTIST CHURCH HAMILTON
22.	AL	HEADLAND	195249	WRMZ-LP	RAM EDUCATIONAL RADIO OF HEADLAND
23.	AL	HENAGAR	134704	WJSD-LP	HENAGAR EDUCATIONAL FOUNDATION
24.	AL	JACKSON	197416	WJLQ-LP	CLARKE COUNTY BROADCASTERS
25.	AL	JACKSONVILLE	197110	WJXI-LP	CALHOUN COUNTY 9-1-1 DISTRICT
26.	AL	JASPER	135721	WQJJ-LP	NORTH ALABAMA PUBLIC SERVICE BROADCASTERS
27.	AL	LANETT	133833	WRNK-LP	CONTACT MINISTRY CENTER
28.	AL	MOBILE	193486	WHEX-LP	MOBILE ARTS COUNCIL
29.	AL	MONROEVILLE	197678	NEW	MONROE COUNTY BROADCASTERS
30.	AL	MONTGOMERY	196044	NEW	AFRAMSOUTH
31.	AL	PHENIX CITY	135293	WURY-LP	TALKFATH RADIO
32.	AL	SELMA	193434	WPJB-LP	PEOPLE FOR JESUS RADIO BROADCASTING COMPANY,
33.	AL	SHEFFIELD	194014	WSHF-LP	NORTHERN ALABAMA HISTORICAL FOUNDATION
34.	AL	SHEFFIELD	195876	WYRH-LP	TENNESSEE VALLEY ART ASSOCIATION
35.	AL	TUSKEGEE	196662	WUBZ-LP	CITY OF TUSKEGEE
36.	AR	ARKADELPHIA	134820	KSWH-LP	HENDERSON STATE UNIVERSITY FOUNDATION
37.	AR	BATESVILLE	134755	KCCJ-LP	JUBILEE FAMILY CHURCH, INC.
38.	AR	CLARKSVILLE	191772	NEW	JOHNSON COUNTY COMMUNITY RADIO INC
39.	AR	CLARKSVILLE	133949	KUOZ-LP	UNIVERSITY OF THE OZARKS
40.	AR	HARRISON	193160	KUDO-LP	CHURCHES OF CHRIST COMMUNITY RADIO
41.	AR	HARRISON	193187	KBHQ-LP	NORTH ARKANSAS PERFORMING ARTISTS COALITION
42.	AR	HARRISON	195097	NEW	BELLEFONTE CHURCH OF CHRIST
43.	AR	HOPE	194911	KHOA-LP	HOPE FOR HEMPSTEAD COUNTY, INC.
44.	AR	HOPE	194587	KDNY-LP	IGLESIA FUENTE DE AGUA VIVA
45.	AR	HOPE	195886	NEW	APRIL R. LOVE SCHOLARSHIP
46.	AR	HOT SPRINGS	196664	NEW	NATIONAL PARK COMMUNITY COLLEGE
47.	AR	JONESBORO	134653	KFLO-LP	AMERICAN HERITAGE MEDIA, INC.
48.	AR	JONESBORO	133430	KPWH-LP	POWERHOUSE MINISTRIES
49.	AR	LITTLE ROCK	195289	NEW	MULTICULTURAL EXPO CENTER
50.	AR	MAGEE	193968	KHEE-LP	DESHA COUNTY COMMUNITY RADIO INC
51.	AR	MALVERN	194511	KMAP-LP	COLLEGE OF THE OUACHITAS
52.	AR	NORMAN	195155	KPGC-LP	HIS WILL, INC.
53.	AR	NORTH LITTLE ROCK	196458	NEW	PULASKI COUNTY LEARNING CENTER, INC.
54.	AR	PARON	193673	NEW	AMAZING GRACE CHURCH
55.	AR	PEARCY, AR	196708	NEW	LAKE HAMILTON SCHOOL DISTRICT
56.	AR	PERRYVILLE	135062	KQIX-LP	ST. FRANCIS CHAPEL
57.	AR	PINE BLUFF	193231	KSRK-LP	SOUTHEAST ARKANSAS COLLEGE
58.	AR	SULPHUR SPRINGS	135764	KJAT-LP	STATELINE CHRISTIAN RADIO GROUP, INC.
59.	AR	WALNUT RIDGE	191463	KHOX-LP	WAXMAN EDUCATIONAL CORP.
60.	AS	ILILI	132293	KULA-LP	PACIFIC ISLANDS BIBLE SCHOOL
61.	AS	TAFUNA	192340	NEW	LIFE INC MINISTRY
62.	AZ	FLAGSTAFF	194786	NEW	WEAVEL INC
63.	AZ	FLAGSTAFF	194399	KSZN-LP	SUNNYSIDE NEIGHBORHOOD ASSOCIATION OF FLAGSTAFF,
64.	AZ	HOLBROOK	197213	NEW	ALDAFAYE MEDIA INC.
65.	AZ	TSAILLE	195535	NEW	DINE COLLEGE
66.	CA	ALTURAS	124325	KMAI-LP	CALIFORNIA, STATE OF
67.	CA	ALTURAS	193503	KILN-LP	THE ART CENTER
68.	CA	ARCATA	124464	KCHP-LP	CALVARY CHAPEL OF ARCATA
69.	CA	ARROYO GRANDE	193424	KYXZ-LP	UNITED WAY OF SAN LUIS OBISPO COUNTY
70.	CA	ATASCADERO	193995	KRUR-LP	REFUGE CHURCH OF ATASCADERO
71.	CA	BIG PINE	192753	KOGI-LP	BIG PINE PAIUTE TRIBE OF THE OWENS VALLEY
72.	CA	BIOLA	194666	KJOI-LP	WESTERN EDUCATIONAL ALLIANCE INC.

73.	CA	BISHOP	196243	NEW	BISHOP PAIUTE TRIBE
74.	CA	CHICO	195770	NEW	CHICO PEACE AND JUSTICE CENTER
75.	CA	CLEARLAKE	124107	KMOB-LP	MINDS OF BUSINESS INC.
76.	CA	COBB	195895	NEW	COBB RADIO
77.	CA	CRESCENT CITY	196881	NEW	KFUG COMMUNITY RADIO, INC.
78.	CA	CRESCENT CITY	196068	NEW	LIGHT OF LIFE RADIO
79.	CA	DOS PALOS	123601	KDPT-LP	DOS PALOS RADIO
80.	CA	DUNSMUIR	196847	NEW	SISKIYOU ARTS MUSEUM
81.	CA	FRESNO	194199	NEW	IGLESIA DE CRISTO 'LUZ Y GLORIA' MINISTERIOS LLAMAD
82.	CA	GALT	195602	KYTP-LP	IGLESIA ROSA DE SARON
83.	CA	GEORGETOWN	124842	KFOK-LP	AMERICAN RIVER FOLK SOCIETY
84.	CA	GREENVILLE	196327	KBIV-LP	INDIAN VALLEY MEDIA EDUCATION COOPERATIVE
85.	CA	GUERNEVILLE	124862	KGGV-LP	CONGREGATIONAL CHURCH OF GUERNEVILLE
86.	CA	GUSTINE	197100	KCUD-LP	COMMUNITY OUTREACH WEST SIDE
87.	CA	HANFORD	196317	KOAD-LP	HANFORD YOUTH SERVICES, INC.
88.	CA	HANFORD	196319	NEW	FIRST UNITARIAN UNIVERSAL LIFE CHURCH OF HANFORD
89.	CA	LAYTONVILLE	192883	KPFN-LP	BELLA OPUS INC
90.	CA	LAYTONVILLE	192508	KPHT-LP	LONG VALLEY COMMUNICATIONS, INC.
91.	CA	LEMOORE	124421	KGAR-LP	LEMOORE UNION HIGH SCHOOL DISTRICT
92.	CA	LOMPOC	191955	KPEG-LP	CITY OF LOMPOC
93.	CA	LONE PINE	124525	KLPC-LP	LONE PINE ADVENT BELIEVERS
94.	CA	LOS MOLINOS	196151	NEW	NORTHLAND BAPTIST MINISTRIES INTERNATIONAL
95.	CA	MARYSVILLE	197192	NEW	ST. JOSEPH CATHOLIC CHURCH
96.	CA	MODESTO	124794	KPSR-LP	WESTSIDE PROJECT (COMMUNITY CENTER)
97.	CA	MODESTO	123802	KGIG-LP	FELLOWSHIP OF THE EARTH (FOTE)
98.	CA	MODESTO	194780	KGCE-LP	GRACE ORTHODOX PRESBYTERIAN CHURCH OF MODESTO, CA
99.	CA	MORRO BAY	190768	KEBF-LP	CITY OF MORRO BAY
100.	CA	NAPA	194626	NEW	JEAN ARNOLD GROUP FOUNDATION
101.	CA	NI POMO	195319	KTGY-LP	CENTRAL COAST MAINTENANCE ASSOC.
102.	CA	OAKLEY	194303	KLSN-LP	FRIENDS OF OAKLEY COMMUNITY FOUNDATION
103.	CA	OROVILLE	194242	NEW	CALVARY CHAPEL OROVILLE
104.	CA	PASO ROBLES	195527	KZSR-LP	PACIFIC COAST CONSERVATION ALLIANCE
105.	CA	PORTERVILLE	195137	KHDZ-LP	IGLESIA DEL PUEBLO
106.	CA	RED BLUFF	124306	KRBH-LP	RED BLUFF JOINT UNION HIGH SCHOOL DISTRICT
107.	CA	SANTA CRUZ	195593	KYTH-LP	MEDIA WATCH
108.	CA	SHASTA LAKE	124256	KIHP-LP	GATEWAY UNITED SCHOOL DISTRICT
109.	CA	SMITH RIVER	124873	KRDW-LP	CALVARY CHAPEL OF THE REDWOODS
110.	CA	STOCKTON	195591	NEW	DREAM AHEAD THE EMPOWERMENT INITIATIVE
111.	CA	STOCKTON	194202	KELR-LP	ETERNAL LIFE RADIO
112.	CA	STOCKTON	195758	NEW	PEACE AND JUSTICE NETWORK OF SAN JOAQUIN COUNTY
113.	CA	SUSANVILLE	196572	KNBP-LP	HIGHLAND BAPTIST CHURCH
114.	CA	TULARE	124351	KNFS-LP	THE LORAX SOCIETY
115.	CA	TURLOCK	123909	KEFC-LP	EVANGELICAL FREE CHURCH OF TURLOCK
116.	CA	UKIAH	124562	KMEC-LP	MENDOCINO ENVIRONMENTAL CENTER
117.	CA	VACAVILLE	192237	KVCB-LP	VACAVILLE CHRISTIAN SCHOOLS
118.	CA	VALLEJO	197060	NEW	MIRA THEATRE GUILD
119.	CA	VISALIA	123672	KVLP-LP	UNIVERSAL LIFE CHURCH
120.	CA	YUBA CITY	194914	KETQ-LP	QUEENS AVENUE COMMUNITY CHURCH
121.	CA	YUBA CITY	124166	KCYC-LP	NORTH VALLEY CALVARY CHAPEL
122.	CA	YUBA CITY	124521	KRYC-LP	IRSHAD ALI FOUNDATION
123.	CO	ASPEN	131679	KASP-LP	COLORADO, STATE OF, TELECOM SERVS
124.	CO	CRAIG	131681	KCIG-LP	COLORADO, STATE OF, TELECOM SERVS
125.	CO	EAGLE	131644	KEAE-LP	COLORADO, STATE OF, TELECOM SERVS
126.	CO	FOWLER	197030	NEW	TOWN OF FOWLER COLORADO
127.	CO	KREMMLING	131686	KRLG-LP	COLORADO, STATE OF, TELECOM SERVS
128.	CO	LA JUNTA	196583	KZLJ-LP	DJMH INCORPORATED
129.	CO	LA JUNTA	196978	KAVI-LP	KOSHARE INDIAN MUSEUM INCORPORATED
130.	CO	NUNN	196342	NEW	NUNNION COMMUNICATIONS
131.	CO	PUEBLO	132199	KTPJ-LP	HOPE RADIO OF PUEBLO CORPORATION
132.	CO	WESTCLIFFE	132142	KWMV-LP	CRYSTAL MOUNTAIN CENTER FOR THE PERFORMING ARTS
133.	CT	COLLINGSVILLE	194718	WWMM-LP	HUCKLEBERRY HILL MUSIC SOCIETY INC.
134.	CT	ENFIELD	127007	WACC-LP	ASNUNTUCK COMMUNITY COLLEGE
135.	CT	MIDDLETOWN	194797	WMDX-LP	MIDDLESEX COMMUNITY COLLEGE
136.	CT	NIANTIC	126588	WNLN-LP	NEW HAVEN EDUCATIONAL RADIO CORP.
137.	CT	TERRYVILLE	196980	NEW	RIVERSIDE BAPTIST CHURCH
138.	DE	CLAYTON	193885	WBOJ-LP	BILALIAN'S QUR'ANIC INSTITUTE
139.	DE	DOVER	132040	WIHW-LP	CAPITOL BAPTIST CHURCH
140.	DE	GREENWOOD	193370	WQFN-LP	GREENWOOD COMMUNITY RADIO, INC
141.	DE	REHOBOTH BEACH	192939	WWSX-LP	EAST SUSSEX PUBLIC BROADCASTING COMPANY, INC.
142.	FL	ASTOR	196057	WMCW-LP	ASTOR COMMUNITY RADIO, INC.
143.	FL	AVON PARK	196996	WPMP-LP	KEY WEST VINEYARD, INC.
144.	FL	BIG CYPRESS	195443	NEW	SEMINOLE TRIBE OF FLORIDA

145.	FL	BIG PINE KEY	133257	WGGP-LP	FIRST BAPTIST CHURCH BIG PINE KEY
146.	FL	BOKEELIA	195776	WZQR-LP	PINE ISLAND COMMUNITY RADIO CORPORATION
147.	FL	BRADENTON	195471	WBPV-LP	PEACE EDUCATION AND ACTION CENTER, INC.
148.	FL	BROOKSVILLE	193294	WZUB-LP	SIMBA KAI MARTIAL ARTS ACADEMY INC
149.	FL	CAPE CORAL	194145	NEW	GET A LIFE! FOUNDATION, INC.
150.	FL	CHASSAHO WITZKA	133416	WEKJ-LP	CHRISTIAN RADIO NETWORK, INC.
151.	FL	CITRONELLE	133271	WFJV-LP	WFJV COMMUNITY RADIO GROUP
152.	FL	COLLIER CO REST AREA	134910	WFLP-LP	FLORIDA, STATE OF
153.	FL	CRESTVIEW	134286	WXEI-LP	X-STATIC ENTERPRISES INC.
154.	FL	CROSS CITY	133793	WCKO-LP	CROSS CITY COMMUNICATIONS, INC.
155.	FL	DAYTONA BEACH	197582	WDRD-LP	DAYTONA BEACH BROADCASTING ASSOCIATION
156.	FL	DUNNELLON	133335	WRLE-LP	POWER MINISTRIES
157.	FL	EDGEWATER	134638	WLGM-LP	EDGEWATER ALLIANCE CHURCH
158.	FL	FERNANDINA BEACH	194071	NEW	FIRST COAST CATHOLIC RADIO, INC.
159.	FL	FLAGLER BEACH	194909	WQFB-LP	THE FLAGLER BEACH HISTORICAL MUSEUM
160.	FL	FROSTPROOF	195917	NEW	FROSTPROOF CHRISTIAN EDUCATIONAL RADIO, INC.
161.	FL	FT WALTON BEACH	195111	NEW	BAYSHORE COMMUNITY BROADCASTING CORPORATION
162.	FL	GAINESVILLE	133183	WPZM-LP	COMMUNITY PRAISE CENTER INC
163.	FL	GAINESVILLE	133958	WGOT-LP	CIVIC MEDIA CENTER AND LIBRARY, INC
164.	FL	GAINESVILLE	135119	WGLJ-LP	CALVARY CHAPEL GAINESVILLE, INC.
165.	FL	GAINESVILLE	135063	WVFP-LP	FAITH PRESBYTERIAN CHURCH OF GAINESVILLE, INC.
166.	FL	GLEN ST MARY	134226	WFBB-LP	FIRST BAPTIST CHURCH
167.	FL	GRACEVILLE	135012	WFBU-LP	THE BAPTIST COLLEGE OF FLORIDA, INC.
168.	FL	GULF BREEZE	195846	NEW	CALVARY CHAPEL GULF BREEZE D/B/A COASTLINE CALVARY
169.	FL	JACKSONVILLE	196379	WRPE-LP	AMOR Y MISERICORDIA LA ESTACION
170.	FL	JUPITER	133909	WJUP-LP	JUPITER COMMUNITY RADIO, INC.
171.	FL	KEY WEST	192709	KQWE-LP	KEY WEST SPIRIT FM
172.	FL	KISSIMMEE	192020	WNKQ-LP	FLORIDA VICTORY OUTREACH CENTER
173.	FL	LAKE BUTLER	134253	WUCR-LP	SYNEWAVE COMMUNICATIONS, INC
174.	FL	LAKE CITY	135542	WUAF-LP	ANGEL MINISTRIES OF LAKE CITY INC.
175.	FL	LIVE OAK	190826	WELG-LP	ENLACE LATINO CORPORATION
176.	FL	LIVE OAK	197318	WFDA-LP	WOLR 91.3 FM, INC.
177.	FL	MAYO	194722	WMSF-LP	DOONIE AND DEB CHEVY, GOD'S MIRACLE CHARIOT, INC.
178.	FL	MCCLENNY	197546	WJXD-LP	FAITH TABERNACLE CHURCH, INC
179.	FL	MOUNT DORA	193421	WFBT-LP	SEMINOLE COUNTY COMMUNITY BROADCASTERS, INC.
180.	FL	NORTH PORT	192040	NEW	COMMUNITY BROADBAND RADIO ASSOCIATION, INC.
181.	FL	OCALA	131370	WITG-LP	WITG, INC.
182.	FL	OCALA	193759	NEW	AGAPE WORLD CHRISTIAN MINISTRIES AND TRAINING
183.	FL	PALATKA	135742	WPRD-LP	MINORITY EDUCATIONAL BROADCASTING, INC.
184.	FL	PALATKA	196298	WDPI-LP	DOWNTOWN PALATKA, INC.
185.	FL	PALM COAST	197699	WJDS-LP	HAMMOCK EDUCATIONAL AND ENVIRONMENTAL COMMUNITY SE
186.	FL	PANAMA CITY	134855	WPCU-LP	COVENANT PRESBYTERIAN CHURCH IN PANAMA CITY, INC.
187.	FL	PANAMA CITY BEACH	195993	NEW	BAYPOINTE CHURCH
188.	FL	PERRY	194042	WZRE-LP	BIG BEND HERITAGE MUSIC ASSOCIATION, INC
189.	FL	PORT SAINT JOE	134360	WDBW-LP	LONG AVENUE BAPTIST CHURCH
190.	FL	PORT SAINT LUCIE	135196	WEHR-LP	ETERNAL HOPE RADIO BROADCASTING CORPORATION
191.	FL	RIDGE MANOR	196976	WXIO-LP	ANCHOR OF OUR SOUL MINISTRIES, INC.
192.	FL	SAINT AUGUSTINE	192347	WARN-LP	THE ASHLEY WILLWERTH MEMORIAL SCHOLARSHIP
193.	FL	SAINT LEO	193453	WLSL-LP	SAINT LEO UNIVERSITY INCORPORATED
194.	FL	SPRING HILL	193456	WPHC-LP	NATURE COAST COMMUNITY RADIO
195.	FL	SUMMERFIELD	133510	WJRN-LP	HISPANIC CHRISTIAN EDUCATION COMMUNICATION, INC.
196.	FL	TALLAHASSEE	133160	WFSD-LP	TALLAHASSEE FIRST SEVENTH-DAY ADVENTIST CHURCH
197.	FL	TALLAHASSEE	197447	WURM-LP	KRANK IT UP
198.	FL	TAMPA	195625	WYXZ-LP	TEMPLE TERRACE COMMUNITY RADIO INC
199.	FL	TARPON SPRINGS	195436	NEW	COUNTY OF PINELLAS
200.	FL	TITUSVILLE	195907	WTYX-LP	PATHWAY PUBLIC RADIO, INC.
201.	FL	VERO BEACH	195076	WVRO-LP	FLOWING STREAMS CHURCH
202.	FL	VERO BEACH	195621	WWSH-LP	CALVARY CHAPEL OF VERO BEACH, INC.
203.	FL	WAUCHULA	196120	NEW	WAUCHULA EDUCATIONAL BROADCASTING CORPORATION
204.	FL	WEEKI WACHEE	192767	WZEU-LP	WEEKI WACHEE COMMUNITY RADIO INC
205.	FL	WEIRSDALE	135770	WIFL-LP	MARCONI BROADCASTING FOUNDATION
206.	FL	WHITE SPRINGS	197398	NEW	WHITE SPRINGS PUBLIC RADIO, INC.
207.	FL	WHITE SPRINGS	197240	WJFU-LP	PEOPLE NETWORK, INC
208.	FL	YOUNGSTOWN	192504	NEW	BEAR CREEK FELINE CENTER, INC.
209.	GA	ALBANY	123997	WASU-LP	ALBANY STATE UNIVERSITY
210.	GA	AMERICUS	195554	NEW	NEW BEGINNING OUTREACH MINISTRIES OF AMERICUS, INC.
211.	GA	ATHENS	195737	NEW	COMMON GROUND ATHENS, INC.
212.	GA	ATHENS	123738	WDRW-LP	CHRISTIAN PURSUERS' RADIO, INC.
213.	GA	ATHENS	193254	WPLP-LP	THE ATHENIAN MULTICULTURAL STUDY CLUB
214.	GA	AUGUSTA	124210	WRMK-LP	THE GOOD NEWS CHURCH
215.	GA	AUGUSTA	197543	NEW	NORTHSIDE COMMUNITY BROADCASTING, INC.
216.	GA	BAINBRIDGE	194158	WKLD-LP	COMMUNITY HELPING HAND OUTREACH, INC

217.	GA	BLAIRSVILLE	195227	WUCG-LP	THE MISSIONARY QUARTERMASTER, INC.
218.	GA	BLOOMINGDALE	196213	NEW	LIFESPRI NG WORSHIP CENTER
219.	GA	BLUE RIDGE	192364	WXFC-LP	FANNIN COUNTY BOARD OF EDUCATION
220.	GA	BRUNSWICK	123502	WBHS-LP	GLYNN COUNTY, GEORGIA
221.	GA	CALHOUN	195476	WJRP-LP	CALHOUN COMMUNITY RADIO INC.
222.	GA	CAMILLA	196652	WMCZ-LP	MITCHELL CO HIGH SCHOOL
223.	GA	CANTON	124395	WPCG-LP	CHEROKEE FM RADIO
224.	GA	CONYERS	192557	WHJU-LP	ROCKDALE COMMUNITY BROADCASTING INC
225.	GA	DALLAS	195294	NEW	ADONAI NETWORK INC
226.	GA	DALTON	194645	NEW	ST. JOSEPH CATHOLIC CHURCH
227.	GA	DEMOREST	192406	WPCZ-LP	PIEDMONT COLLEGE
228.	GA	DOUGLAS	195828	NEW	SENDA DE VIDA MINISTRIES, INC
229.	GA	EASTMAN	194854	NEW	KEEP IT MOVING MINISTRIES, INC.
230.	GA	FAYETTEVILLE	196179	WGAF-LP	ROCK 10 4 U, INC.
231.	GA	FORSYTH	193158	WNRF-LP	RIVER FOREST HOMEOWNER ASSOCIATION, INC.
232.	GA	MORGANTON	124833	WAQA-LP	MINISTRY OF FAITH ASSOCIATION
233.	GA	MOULTRIE	192886	WYSH-LP	COLQUITT COMMUNITY RADIO, INC.
234.	GA	MOULTRIE	192350	WWGW-LP	COLQUITT COUNTY RADIOCASTING, INC.
235.	GA	MURRAYVILLE	195233	WFDG-LP	BIG BAND FANS
236.	GA	NEWNAN	191903	WQEE-LP	NEW VISION COMMUNICATIONS CORP
237.	GA	PELHAM	193585	WUCG-LP	MITCHELL COUNTY PUBLIC RADIO LLC
238.	GA	ST. SIMONS ISLAND	123743	WWEZ-LP	ST. SIMONS RADIO, INC.
239.	GA	SUGARHILL	197628	WESI-LP	IGLESIA DE CRISTO ELIM GEORGIA, INC.
240.	GA	SYCAMORE	123596	WBLY-LP	BETHEL BAPTIST CHURCH OF SYCAMORE, GEORGIA, INC.
241.	GA	THOMASVILLE	124213	WJGG-LP	CALVARY CHAPEL OF THOMASVILLE
242.	GA	TIFTON	195092	WSWD-LP	SURE WORD BROADCASTING COMPANY, INC.
243.	GA	TOOMSBORO	197581	NEW	TOOMSBORO COMMUNITY BROADCASTING, INC.
244.	GA	TRENTON	124572	WSDA-LP	MOUNTAIN EDUCATIONAL SERVICES, CORP.
245.	GA	WAYCROSS	191688	WEWZ-LP	CROSSWAY BROADCASTING
246.	GU	TUMON	133792	KGCA-LP	KGCA INC
247.	HI	HALEIWA	194203	NEW	NORTHSHORE BIBLE TRUTHS
248.	HI	HANAMAULU	132237	KCSK-LP	KAUAI CHRISTIAN ASSEMBLY
249.	HI	HILO	194991	KUHH-LP	UNIVERSITY OF HAWAII AT HILO
250.	HI	KAILUA-KONA	197667	KFIP-LP	FAITH UP!
251.	HI	KAILUA-KONA	195600	KKFJ-LP	GREEN PETER ECLECTIC TUNEZ
252.	HI	KAUNAKAKAI	132182	KIOM-LP	KROS RADIO ASSOCIATION
253.	HI	PAIA	131709	KOPO-LP	PAIA YOUTH COUNCIL INC.
254.	HI	WAIMEA	196422	KRKW-LP	WAIMEA BAPTIST CHURCH
255.	IA	CEDAR FALLS	193198	NEW	COLLEGE HILL COMMUNITY RADIO
256.	IA	AMES	135544	KJAS-LP	AMES CHINESE MINISTRY ASSOCIATION
257.	IA	CARROLL	195194	KFIM-LP	CARROLL IMPACT EDUCATIONAL ASSOCIATION
258.	IA	CARROLL	133406	KYMJ-LP	ST BARNABAS EDUCATIONAL ASSOCIATION
259.	IA	CEDAR FALLS	134585	KULT-LP	BOARD OF CONTROL FOR STUDENT BROADCASTING
260.	IA	CEDAR RAPIDS	194910	KEWR-LP	CALVARY CHAPEL IOWA
261.	IA	CHARLES CITY	133434	KQOP-LP	CHARLES CITY EDUCATIONAL ASSOCIATION
262.	IA	CLINTON	133435	KXJX-LP	CLINTON EDUCATIONAL ASSOCIATION
263.	IA	CORALVILLE	133044	KOUR-LP	OUR LADY OF PERPETUAL HELP, INC.
264.	IA	DAVENPORT	135708	KRQC-LP	DAVENPORT ADVENTIST RADIO, INC
265.	IA	DAVENPORT	133437	KTJT-LP	DAVENPORT EDUCATIONAL ASSOCIATION
266.	IA	DE SOTO	133652	KSDE-LP	IOWA DEPARTMENT OF TRANSPORTATION
267.	IA	DECORAH	195240	NEW	COMMUNITY RADIO OF DECORAH, POSTVILLE AND NORTHEAST
268.	IA	DECORAH	195767	NEW	LUTHER COLLEGE
269.	IA	DEWITT	134279	KGYS-LP	DEWITT EDUCATIONAL ASSOCIATION
270.	IA	EMMETSBURG	134365	KEMB-LP	EMMETSBURG CHAMBER OF COMMERCE
271.	IA	FAIRFIELD	133984	KRUU-LP	FAIRFIELD YOUTH ADVOCACY, INC.
272.	IA	KENSETT	194148	KWGH-LP	ELK CREEK LUTHERAN CHURCH
273.	IA	KEOSAUQUA	197653	KHFR-LP	ST. MARY RADIO DBA RADIO APOSTOLATE FOR THE
274.	IA	MUSCATINE	195130	KMAC-LP	MUSCATINE SEVENTH-DAY ADVENTIST CHURCH
275.	IA	MUSCATINE	134691	KTDC-LP	MUSCATINE EDUCATIONAL ASSOCIATION
276.	IA	OSKALOOSA	192821	KMFH-LP	MY FATHER'S HOUSE, INC.
277.	IA	SLOAN	133584	KSOA-LP	IOWA DEPARTMENT OF TRANSPORTATION
278.	IA	URBANA GARAGE TOWER	133810	KUBH-LP	IOWA DEPARTMENT OF TRANSPORTATION
279.	IA	WATERLOO	196323	NEW	HUMANITY'S HOPE FOUNDATION, INC.
280.	ID	AMERICAN FALLS	194599	KDDE-LP	TEMPLO EMANUEL ASAMBLEAS DE DIOS
281.	IL	BLOOMINGTON	126570	WXRJ-LP	BLACK BUSINESS ALLIANCE, INC.
282.	IL	BLOOMINGTON	126023	WZND-LP	ILLINOIS STATE UNIVERSITY FOUNDATION
283.	IL	BONE GAP	197306	WXWS-LP	INDEPENDENT CHURCH OF BONE GAP
284.	IL	CHANNAHAN	126923	WLMM-LP	ANCHOR BROADCASTING OF CHANNAHAN
285.	IL	COLLINGSVILLE	192876	WYHR-LP	ZENITHAR INC
286.	IL	DANVILLE	125790	WLBM-LP	BLUES & SOUL INC.
287.	IL	DECATUR	193123	WLLU-LP	LOVE LIFE COMMUNITY RADIO
288.	IL	DIXON	191645	WLPL-LP	TURNING POINT COMMUNITY CHURCH

289.	IL	DONNELLSON	193390	NEW	ROSE OF SHARON BROADCASTING ASSOCIATION
290.	IL	DU QUOIN	125871	WCFS-LP	CHRISTIAN FELLOWSHIP CHURCH
291.	IL	DWIGHT	196510	WGVD-LP	DWIGHT FIRST BAPTIST CHURCH AND ACADEMY
292.	IL	FAIRBURY	126528	WJHV-LP	FAITH FELLOWSHIP MINISTRIES, INC.
293.	IL	FREEBURG	125617	WZJM-LP	M&M COMMUNITY DEVELOPMENT INC., E. ST. LOUIS BRANCH
294.	IL	FREEPOR	192467	NEW	FLIGHT RADIO STUDIO PRODUCTION COMPANY INC.
295.	IL	GALESBURG	126789	WVCL-LP	CHRISTIAN LIFESTYLE COMMUNICATIONS, INC.
296.	IL	GENESEO	126996	WGRG-LP	GENESEO COMMUNITY RADIO GROUP, INC.
297.	IL	HARVARD	192275	WHIW-LP	HARVARD BROADCASTING, INC.
298.	IL	HUNTLEY	192021	WHRU-LP	HUNTLEY COMMUNITY RADIO LTD. NFP
299.	IL	KANKAKEE	192208	WAGI-LP	FIRST ASSEMBLY OF GOD CHURCH
300.	IL	MARENGO	193156	WXMR-LP	MARRIL CORSEN MEDIA PROJECT, LTD.
301.	IL	OTTAWA	193965	WRWO-LP	HERE AND AGAIN
302.	IL	PEORIA	126761	WWKJ-LP	PEORIA CHRISTIAN RADIO CORPORATION
303.	IL	QUINCY	126908	WQIN-LP	3 ANGELS BROADCASTING MESSENGERS
304.	IL	QUINCY	125912	WQJC-LP	QUINCY NOT FOR PROFIT JAZZ CORPORATION
305.	IL	ROCK ISLAND	125960	WGVV-LP	QUAD CITIES COMMUNITY BROADCASTING GROUP
306.	IL	ROCKFORD	125839	WTPB-LP	THIRD PRESBYTERIAN CHURCH OF ROCKFORD
307.	IL	ROCKFORD	126983	WHJG-LP	PELLEY ROAD CHRISTIAN FELLOWSHIP
308.	IL	SPRINGFIELD	126157	WLJX-LP	ABUNDANT FAITH CHURCH
309.	IL	VANDALIA	193394	WEMV-LP	ELIJAH MESSAGE MINISTRY
310.	IN	BEDFORD	197257	WBED-LP	CAUSE 4 PAWS INC.
311.	IN	BLOOMINGTON	123644	WIUX-LP	INDIANA UNIVERSITY STUDENT BROADCASTING
312.	IN	BROWNSBURG	196297	WYRZ-LP	HENDRICKS COUNTY EDUCATIONAL MEDIA CORPORATION
313.	IN	INDIANAPOLIS	193496	WSHT-LP	SABBATH INCORPORATED
314.	IN	JASPER	196952	WTJW-LP	TRI STATE CATHOLIC RADIO
315.	IN	NOBLESVILLE	192978	WEPB-LP	ENDURING COMMUNICATIONS INC
316.	IN	OAKLAND CITY	123664	WWPO-LP	OAKLAND CITY UNIVERSITY
317.	IN	TERRE HAUTE	193107	WXXR-LP	WABASH VALLEY EDUCATIONAL MEDIA
318.	KS	ABILENE	193065	KGIH-LP	ST. THERESE RADIO, INC.
319.	KS	ANTHONY	127030	KCCA-LP	THE CHRISTIAN CHURCH OF ANTHONY, KANSAS, INC.
320.	KS	BAZINE	194208	KZBA-LP	BAZINE CHRISTIAN RADIO ASSOCIATION
321.	KS	BELOIT	192726	KKSJ-LP	CORNERSTONE CHARITABLE FOUNDATION
322.	KS	CHANUTE	124998	KFEX-LP	FIRE ESCAPE YOUTH MINISTRIES, INC.
323.	KS	COUNCIL GROVE	195649	KWGR-LP	WILSEY GARDENS CORPORATION
324.	KS	DERBY	195023	KDKQ-LP	DERBY COMMUNITY RADIO, INC.
325.	KS	DODGE CITY	196078	NEW	IGLESIA BAUTISTA EMANUEL
326.	KS	GREAT BEND	195267	KSDH-LP	HOPE RADIO ASSOCIATION
327.	KS	GREAT BEND	195717	NEW	CATHOLIC RADIO OF GREAT BEND, INC.
328.	KS	HAYS	194210	KHZZ-LP	MARANATHA RADIO ASSOCIATION
329.	KS	HAYS	126672	KCCC-LP	CELEBRATION COMMUNITY CHURCH
330.	KS	LIBERAL	192554	KIWW-LP	IGLESIA DE DIOS DE MANANTIAL
331.	KS	MANHATTAN	126285	KRMI-LP	MANHATTAN CHINESE MINISTRY ASSOCIATION
332.	KS	MCPHERSON	191687	KKOS-LP	PCRA, INC.
333.	KS	PITTSBURG	196377	KOOJ-LP	OUR LADY OF MT. CARMEL EDUCATION AND EVANGELIZATION
334.	KS	SAIN	196340	NEW	HOME TOWN COMMUNICATIONS, INC.
335.	KS	SALINA	194111	KLZY-LP	CHLOE BROADCASTING, INC.
336.	KS	SOLOMON	195864	KMJY-LP	DCNW BROADCASTINGS
337.	KS	ST. GEORGE	192901	KSWZ-LP	ST. BERNARD CATHOLIC CHURCH WAMEGO
338.	KS	THAYER	125312	KTHA-LP	THAYER SEVENTH-DAY ADVENTIST CHURCH
339.	KS	TOPEKA	195163	KVJH-LP	TEMPLO DE ALABANZA EL SHADAI
340.	KS	TOPEKA	193922	KFGB-LP	FAMILY OF GOD FELLOWSHIP CHURCH, INC.
341.	KS	TOWANDA	193366	NEW	BUTLER COUNTY CHRISTIAN BROADCASTING, INC.
342.	KS	ULYSSES	194695	KQUI-LP	PRIMERA IGLESIA BAUTISTA ULYSSES, INC.
343.	KS	WINFIELD	191481	NEW	SOUTHWESTERN COLLEGE
344.	KY	BENTON	191651	WDMZ-LP	FALCON COMMUNICATIONS CORP.
345.	KY	BENTON	134179	WITB-LP	BENTON CHURCH OF CHRIST, INC
346.	KY	CORBIN	133957	WRHR-LP	CORBIN PUBLIC SCHOOLS
347.	KY	DANVILLE	193814	NEW	IGLESIA ROSA DE SARON
348.	KY	FERN CREEK	135516	WFHS-LP	FERN CREEK TRADITIONAL HIGH SCHOOL ALUMNI
349.	KY	FRANKFORT	192038	NEW	KENTUCKY STATE UNIVERSITY
350.	KY	HAZARD	135664	WLZD-LP	HAZARD COMMUNITY BROADCASTING
351.	KY	HAZARD	196338	NEW	MOUNTAIN ARTIST DEVELOPMENT ENDEAVOR, LLC LIMITED
352.	KY	HOPKINSVILLE	135680	WSPP-LP	IMMACULATE HEART RADIO ASSOCIATION
353.	KY	HYDEN	194619	WWBZ-LP	BOHICA
354.	KY	JAMESTOWN	134075	WKYD-LP	ANIMAL WELFARE LEAGUE OF RUSSELL COUNTY, INC.
355.	KY	LEXINGTON	194135	WLXU-LP	NORTH NICHOLASVILLE ROAD PROPERTY OWNERS
356.	KY	LIBERTY	192439	WIHE-LP	LIBERTY PUBLIC RADIO, INC.
357.	KY	MANCHESTER	191697	WWZB-LP	WOLFE COMMUNICATIONS
358.	KY	MIDDLESBORO	192103	WYJR-LP	MIDDLESBORO BOARD OF EDUCATION
359.	KY	MOUNT VERNON	192353	NEW	CENTRAL BAPTIST CHURCH
360.	KY	OWENSBORO	135195	WIMM-LP	TRINITY EDUCATIONAL RADIO ASSOCIATION

361.	KY PADUCAH	192732	NEW	ST. JOHNS THE EVANGELIST FAMILY CENTER, INC.
362.	KY PAINTSVILLE	195095	WGWD-LP	PAINTSVILLE CHURCH OF CHRIST
363.	KY RICHMOND	193025	WMKK-LP	RICHMOND COMMUNITY RADIO INC
364.	KY SAME SITE	192602	WEAV-LP	VAULT1031 CULTURE & COMMUNITY, INC.
365.	KY SHEPHERDSVILLE	196989	WIOP-LP	LIGHTHOUSE BAPTIST CHURCH
366.	KY SOMERSET	192495	NEW	SOMERSET RADIO CHURCH OF GOD
367.	KY VINE GROVE	192768	WENS-LP	CENTRO DE ADORACION PRINCIPE DE PAZ
368.	KY WALLINS CREEK	192958	WUIC-LP	TORSTRICK MINISTRIES, INC.
369.	KY WEST LIBERTY	194595	WEIM-LP	EAGLE EYE, INC.
370.	KY WHEELWRIGHT	192081	WCYW-LP	FIRST BAPTIST CHURCH OF WHEELWRIGHT, KENTUCKY, INC.
371.	KY WHITESVILLE	192733	WJOR-LP	PASSIONIST NUNS OF WHITESVILLE, KY., INC.
372.	KY WILLIAMSBURG	133830	WCCR-LP	UNIVERSITY OF THE CUMBERLANDS
373.	KY WILLIAMSBURG	134917	WNLW-LP	NEW LIFE RADIO, INC
374.	LA ALEXANDRIA	123726	KCJM-LP	M&M COMMUNITY DEVELOPMENT INC., ALEXANDRIA BRANCH
375.	LA BASTROP	124101	KURC-LP	THE UPPER ROOM CHURCH MINISTRIES
376.	LA BATON ROUGE	123985	WHYR-LP	THE BATON ROUGE PROGRESSIVE NETWORK
377.	LA BREAUX BRIDGE	124732	KVTZ-LP	ST. MARTIN PARISH VOTERS LEAGUE
378.	LA COVINGTON	197390	NEW	FIRST BAPTIST CHURCH, COVINGTON, LOUISIANA
379.	LA ELTON	193372	NEW	COUSHATTA TRIBE OF LOUISIANA
380.	LA EPPS	193572	KEPP-LP	GOURD FARMING EDUCATIONAL SOCIETY, INC.
381.	LA GALLIANO	193674	KZYL-LP	BAYOU REGION AMATEUR RADIO SOCIETY, INC.
382.	LA HAMMOND	193327	WHFF-LP	NORTHSHORE COMMUNITY BROADCASTERS, INC.
383.	LA HAMMOND	123633	WZEN-LP	PARENTCORP FOUNDATION
384.	LA HOMER	195402	KHFB-LP	FIRST BAPTIST CHURCH OF HOMER, LOUISIANA
385.	LA HOUMA	193634	KYYL-LP	BAYOU REGION AMATEUR RADIO SOCIETY, INC.
386.	LA HUSSER	193338	WZLW-LP	LIVING WATER BAPTIST CHURCH OF LAPLACE, INC.
387.	LA JONESBORO	124254	KQWJ-LP	GRACE COMMUNITY CHURCH OF JONESBORO, INC.
388.	LA LAFAYETTE	196007	NEW	LAFAYETTE PARISH SCHOOL SYSTEM
389.	LA LAKE CHARLES	197164	KPPM-LP	CCW ENTERPRISES OF LAKE CHARLES
390.	LA LAKE PROVIDENCE	194197	KLPM-LP	LAKE PROVIDENCE SCHOOL OF BROADCASTING, INC.
391.	LA LAPLACE	193455	WGUP-LP	FR DOUBLE E OUTREACH MINISTRY
392.	LA MONROE	124800	KCRJ-LP	IBC MINISTRIES, INC.
393.	LA MONROE	196969	KIEZ-LP	BUSINESS EXCHANGE NETWORK, INC
394.	LA MONROE	124733	KOUS-LP	MAHOGONY'S INCUBATION SYSTEM, INC
395.	LA OAK GROVE	194190	KOGQ-LP	ACADEMY FOR ART, CRAFTS, TALENT AND SONG, INC.
396.	LA PINEVILLE	123498	KZLC-LP	LOUISIANA COLLEGE
397.	LA RUSTON	193182	KBNF-LP	LINCOLN PARISH SCHOOLS AKA RUSTON HIGH SCHOOL
398.	LA SHREVEPORT	124735	KBLK-LP	BLACKS UNITED FOR LASTING LEADERSHIP, INC.
399.	LA SLIDELL	195006	KYSW-LP	SPOKESMAN AMONG WOMEN EDUCATIONAL ORGANIZATION, INC
400.	LA SLIDELL	124637	WGON-LP	NEW BEGINNINGS CHURCH OF SLIDELL, INC.
401.	LA STERLINGTON	196166	KHPP-LP	GLORY2GLORY EDUCATIONAL FOUNDATION, INC.
402.	LA SULPHUR	192483	KEBL-LP	PARKVIEW BAPTIST CHURCH
403.	LA WEST MONROE	197255	KBFA-LP	WEST MONROE ADVENTIST EDUCATIONAL BROADCASTING CORP
404.	LA WEST MONROE	195068	NEW	BAWCOMVILLE CHURCH OF CHRIST
405.	MA DUDLEY	133676	WNRC-LP	NICHOLS COLLEGE
406.	MA NANTUCKET	193641	NEW	TOWN OF NANTUCKET POLICE DEPARTMENT
407.	MA OAK BLUFF	195414	WYOB-LP	M&M COMMUNITY DEVELOPMENT INC OAK BLUFF BRANCH
408.	MA WEBSTER	192970	NEW	SACRED HEART PARISH WEBSTER EDUCATIONAL RADIO ASSO
409.	MD CAMBRIDGE	197144	WHCP-LP	HISTORIC CAMBRIDGE, INC.
410.	MD CHESTERTOWN	197479	NEW	WASHINGTON COLLEGE
411.	MD CRISFIELD	191707	WBYC-LP	THE SOMERSET COUNTY ARTS COUNCIL
412.	MD CUMBERLAND	195278	WZZJ-LP	CALVARY CHRISTIAN FELLOWSHIP OF CUMBERLAND, INC.
413.	MD PERRYVILLE	124828	WMVK-LP	STATE OF MARYLAND, MDOT, MARYLAND TRANSIT ADMN.
414.	MD PRINCE FREDERICK	123655	WMJS-LP	ST. PAUL'S PARISH/ST. PAUL'S EPISCOPAL CHURCH
415.	MD SALISBURY	194108	WRBY-LP	REBIRTH INC.
416.	MD SHERWOOD	124341	WRYR-LP	WRYR COMMUNITY RADIO INC
417.	MN ALEXANDRIA	195445	KLKX-LP	ALEXANDRIA COMMUNITY RADIO EDUCATIONAL ORGANIZATION
418.	MN MONTEVIDEO	126323	KKRM-LP	THUNDERHAWK BROADCASTING INC.
419.	MN ROCHESTER	126358	KNLW-LP	NEW LIFE WORSHIP CENTER
420.	MN SAINT CLOUD	194754	KVEX-LP	ST CLOUD STATE UNIVERSITY
421.	MN SPICKER	126735	KGLH-LP	HOPE PRESBYTERIAN CHURCH
422.	MN ST. CLOUD	194306	WROJ-LP	THE ROCK FM COMMUNICATIONS, INC.
423.	MO CANTON	131733	KCSW-LP	CULVER-STOCKTON COLLEGE
424.	MO CAPE GIRARDEAU	132259	KHEZ-LP	FLAT FOOT MEDIA, INC.
425.	MO CARTHAGE	194038	NEW	MINISTERIOS EL JORDAN
426.	MO CENTRALIA	132448	KSDC-LP	SUNNYDALE ADVENTIST ACADEMY
427.	MO EXCELSIOR SPRINGS	197181	KPGZ-LP	CORPORATION FOR EDUCATIONAL OPPORTUNITIES FOR NORTH
428.	MO FULTON	131905	KRFL-LP	REVELATION FOR LIVING BROADCASTING, INC.
429.	MO FULTON	131522	KWU-LP	WILLIAM WOODS UNIVERSITY
430.	MO GOLDEN CITY,	193183	KGCY-LP	RIVERS OF LOVE MINISTRIES
431.	MO HANNIBAL	131710	KHBL-LP	KHBL
432.	MO JEFFERSON CITY	194346	KOTC-LP	JEFFERSON CITY SEVENTH-DAY ADVENTIST CHURCH

433.	MO	JOPLIN	194442	NEW	DIOCESE OF SPRINGFIELD-CAPE GIRARDEAU DBA ST. PETER
434.	MO	KENNETT	195283	KCJS-LP	CALVARY CHAPEL OF KENNETT
435.	MO	KIMBERLING CITY	196561	KEGQ-LP	OZARKS NATIONAL COALITION OF ARTISTS AND MUSICIANS
436.	MO	KIRKSVILLE	196931	KRFR-LP	RURAL FELICITY
437.	MO	MACKS CREEK	197482	KBMC-LP	BRANCH MEMORIAL SEVENTH-DAY ADVENTIST CHURCH
438.	MO	MACON	195030	KCNF-LP	MACON SEVENTH-DAY ADVENTIST CHURCH
439.	MO	MARYVILLE	131938	KZLX-LP	NORTHWEST FOUNDATION, INCORPORATED
440.	MO	MOBERLY	196117	NEW	MOBERLY SEVENTH-DAY ADVENTIST CHURCH
441.	MO	POPLAR BLUFF	192687	KPBM-LP	BLACK RIVER PUBLIC RADIO
442.	MO	REPUBLIC	195171	NEW	NEW HORIZONS SEVENTH-DAY ADVENTIST CHURCH
443.	MO	SAINT JOSEPH	191941	KFOH-LP	ST. JOSEPH MUSIC FOUNDATION
444.	MO	SALEM	192818	KSOZ-LP	SALEM CHRISTIAN CATHOLIC RADIO
445.	MO	SEDALIA	192937	NEW	IGLESIA LUTERANA AMIGOS DE CRISTO
446.	MO	SPRINGFIELD	191225	KWPQ-LP	WILLOW'S WOOD COMMUNITY NETWORK
447.	MO	ST. JOSEPH	131633	KLHM-LP	LIGHTHOUSE RADIO MINISTRY, INC.
448.	MO	SULLIVAN	196684	KSLN-LP	SULLIVAN SEVENTH-DAY ADVENTIST CHURCH
449.	MO	WEBB CITY	195055	KWEB-LP	WEBB CITY PUBLIC SERVICE BROADCASTERS
450.	MS	BAY SAINT LOUIS	126435	WQRZ-LP	HANCOCK COUNTY AMATEUR RADIO ASSOC., INC.
451.	MS	BRANDON	126132	WPBP-LP	CITY OF PEARL
452.	MS	BRUCE	196019	WZWQ-LP	BRUCE COMMUNITY RADIO
453.	MS	CLARKSDALE	196366	WXXO-LP	RADIO @ THE CROSSROADS, INC
454.	MS	CLEVELAND	193426	NEW	DELTA STATE UNIVERSITY
455.	MS	COLUMBUS	192662	WMFH-LP	CLASSIC BOOK RADIO CORPORATION
456.	MS	COLUMBUS	197656	WKXU-LP	COLUMBUS COMMUNITY BROADCASTERS
457.	MS	COLUMBUS	126211	WQTP-LP	RTBT, LLC
458.	MS	DIAMONDHEAD	192745	WQRG-LP	HANCOCK COUNTY AMATEUR RADIO ASSOC., INC.
459.	MS	EUPORA	196663	WEHS-LP	VOICE OF EUPORA
460.	MS	FAYETTE	196779	WFOI-LP	MUHAMMAD'S UNIVERSITY OF THE NEW ISLAM
461.	MS	FAYETTE	195011	WWGI-LP	FAYETTE COMMUNITY SERVICE ORGANIZATION INC.
462.	MS	GLEN	126311	WTRR-LP	HIS COMPASSIONATE TOUCH HUMAN SERVICES CORPORATION
463.	MS	GREENVILLE	125794	WIXP-LP	GRACE OUTREACH BIBLE CHURCH, INC.
464.	MS	GULFPORT	193694	NEW	ISLAMIC CENTER OF GULFPORT, INC.
465.	MS	HATTIESBURG	126778	WQID-LP	HATTIESBURG URBAN HERITAGE ASSOCIATION
466.	MS	HATTIESBURG	195781	WJPE-LP	BIRTHRIGHT OF HATTIESBURG, INC.
467.	MS	HERMANVILLE	196870	NEW	WHITMAN 'GRADY' MAYO SCHOLARSHIP FOUNDATION, INCORP
468.	MS	IUKA	192199	WIUK-LP	FLASH CATS ANIMAL ADVOCACY
469.	MS	LAUREL	197366	NEW	ORIGINAL WORSHIP MINISTRY
470.	MS	MAGEE	192941	NEW	CHURCH ALIVE, INC.
471.	MS	MAYHEW	195049	WGTC-LP	EAST MISSISSIPPI COMMUNITY COLLEGE
472.	MS	MONTICELLO	194639	WDRO-LP	LAWRENCE COUNTY PUBLIC RADIO, INC.
473.	MS	NOXAPATER	126713	WNNN-LP	MT. VERNON MISSIONARY BAPTIST CHURCH
474.	MS	PI CAYUNE	194824	NEW	HERITAGE BAPTIST MINISTRIES, INC.
475.	MS	PINEY WOODS	126695	WPWS-LP	THE PINEY WOODS SCHOOL
476.	MS	PORT GIBSON	193767	NEW	TEAM, INC.
477.	MS	SOUTH HAVEN	196403	WILU-LP	SOUTH HAVEN CHURCH OF CHRIST
478.	MS	TUPELO	195862	NEW	SNUGGLE BUDDY, INC
479.	MS	VICKSBURG	197563	WVMK-LP	VICKSBURGS VOICE FOR EDUCATION AND HEALTH
480.	MS	VICKSBURG	196189	WDON-LP	VICKSBURG COMMUNITY RADIO
481.	MS	YAZOO CITY	194031	WYAD-LP	BOUNTFUL BLESSINGS BROADCASTING, INC.
482.	MT	ALDER	196879	NEW	ALDER SCHOOL DISTRICT #2
483.	MT	BILLINGS	134746	KFWH-LP	BEST OF BILLINGS SCHOOLS ASSOCIATION
484.	MT	BILLINGS	194336	KVRM-LP	ROCKY MOUNTAIN COLLEGE
485.	MT	BILLINGS	194736	KQLG-LP	BILLINGS CHRISTIAN RADIO
486.	MT	CARDWELL	134668	KEAC-LP	JEFFERSON COUNTY DISASTER & EMERGENCY SERVICES
487.	MT	COLUMBUS	195483	NEW	STILLWATER COUNTY DISASTER AND EMERGENCY SERVICES
488.	MT	GARRYOWEN	195668	KODH-LP	CENTER POLE, INC
489.	MT	HAILSTONE	195352	NEW	STILLWATER COUNTY DISASTER AND EMERGENCY SERVICES
490.	MT	HARDIN	134773	KRWS-LP	GREATER HARDIN ASSOCIATION
491.	MT	MANHATTAN	195503	KPWS-LP	MANHATTAN SCHOOL DISTRICT #3
492.	MT	MOLT	195350	NEW	STILLWATER COUNTY DISASTER AND EMERGENCY SERVICES
493.	MT	NYE	195341	NEW	STILLWATER COUNTY DISASTER AND EMERGENCY SERVICES
494.	MT	PARK CITY	195347	NEW	STILLWATER COUNTY DISASTER AND EMERGENCY SERVICES
495.	MT	RAPELJE	195344	NEW	STILLWATER COUNTY DISASTER AND EMERGENCY SERVICES
496.	MT	REED POINT	195338	NEW	STILLWATER COUNTY DISASTER AND EMERGENCY SERVICES
497.	MT	THREE FORKS	195488	NEW	THREE FORKS SCHOOL DISTRICT #24
498.	MT	THREE FORKS	193472	KIEF-LP	CHURCH OF THE HARD ROCK
499.	MT	WHITTEHALL	134811	KESW-LP	JEFFERSON COUNTY DISASTER & EMERGENCY SERVICES
500.	NC	ABERDEEN	135064	WAOG-LP	CALVARY CHAPEL OF THE SANDHILLS
501.	NC	ALBEMARLE	197631	WABZ-LP	VALLEY VIEW RADIO
502.	NC	ASHEVILLE	195466	WSFM-LP	FRIENDS OF COMMUNITY RADIO, INC.
503.	NC	BLADENBORO	192105	NEW	NEW LIGHT PENTECOSTAL FREE WILL BAPTIST
504.	NC	BRYSON CITY	197575	NEW	GRACE CHRISTIAN ACADEMY

505.	NC CANDLER	193430	NEW	WGNW RADIO MINISTRIES
506.	NC CHAPEL HILL	135187	WCOM-LP	PUBLIC GALLERY OF CARRBORO, INC.
507.	NC ELI ZABETHTOWN	135086	WDJD-LP	ELI ZABETHTOWN AIRWAVES MINISTRY, INC.
508.	NC FOREST CITY	193527	WOVE-LP	THE COMMUNITY EMPOWERMENT PROJECT COMMUNITY DEVELO
509.	NC GREENSBORO	194295	NEW	GREENSBORO RADIO PROJECT, INC.
510.	NC HENDERSONVILLE	196256	WULC-LP	LUZ PARA HOY RADIO
511.	NC HICKORY	133607	WLRZ-LP	LENOIR-RHYNE COLLEGE
512.	NC MARSHALL	196295	WART-LP	RADIO MADISON
513.	NC MT. AIRY	135507	WEXM-LP	MT. AIRY COMMUNITY RADIO INC
514.	NC NEWPORT	195306	WZED-LP	CARTERET COUNTY SCHOOLS - BROAD CREEK MIDDLE SCHOOL
515.	NC RED OAK	196113	WHFK-LP	NORTHERN NASH HIGH SCHOOL
516.	NC ROANOKE RAPIDS	134797	WEZU-LP	BETTER LIFE, INC.
517.	NC ROANOKE RAPIDS	196105	NEW	CAROLINA/VIRGINA READING SERVICE INC.
518.	NC ROCKY MOUNT	193402	WAJA-LP	NEW LITE MEDIA
519.	NC ROCKY MOUNT	194103	WDBP-LP	NORTH CAROLINA HUMANE SOCIETY STATE COUNCIL
520.	NC SANFORD	134499	WDSG-LP	CRYSTAL GARDENS, INC.
521.	NC SOUTHPORT	193972	WJSL-LP	SACRED HEART RADIO ASSOCIATION
522.	NC TROY	197320	WURE-LP	UWHARRIE MOUNTAIN RADIO
523.	NC WADESBORO	134857	WEHB-LP	FIRST UNITED METHODIST CHURCH
524.	NC WAKE FOREST	196005	WSHP-LP	ALL SAINTS CATHOLIC ACADEMY
525.	NC WAYNESVILLE	195852	NEW	WAYNESVILLE CHRISTIAN RADIO CORPORATION
526.	NC WILMINGTON	195910	WTDA-LP	MARTIN COUNTY TOURISM DEVELOPMENT AUTHORITY
527.	NC WILMINGTON	196130	WZRF-LP	NEPTUNE RADIO INCORPORATED
528.	NC WINSTON-SALEM	194129	WFOZ-LP	FORSYTH TECHNICAL COMMUNITY COLLEGE
529.	NC WINTERVILLE	193997	WBIS-LP	COMMUNITY CARE FELLOWSHIP
530.	NC YADKINVILLE	195806	WXTZ-LP	YADKINVILLE MEDIA INC
531.	ND FORT YATES	193840	NEW	CATHOLIC INDIAN MISSION OF FORT YATES
532.	NE ALLIANCE	194598	KLPH-LP	ST. MAXIMILLIAN KOLBE CATHOLIC RADIO OF ALLIANCE
533.	NE ALLIANCE	196247	NEW	ADVENTIST LEARNING CENTER OF ALLIANCE
534.	NE ARAPAHOE	196421	KAGR-LP	THE EVANGELICAL LUTHERAN TRINITY CONG. OF ARAPAHOE
535.	NE AURORA	135537	KIVE-LP	DAWN ADVENTIST BROADCASTING
536.	NE BEATRICE	194492	KPKA-LP	ST. ISADORE CATHOLIC RADIO OF BEATRICE
537.	NE BLAIR	196817	KYTF-LP	BLAIR HEALING ROOMS INC
538.	NE BRIDGEPORT	196278	NEW	ADVENTIST LEARNING CENTER OF BRIDGEPORT
539.	NE CENTRAL CITY	196376	NEW	CENTRAL CITY BAPTIST CHURCH
540.	NE CLAY CENTER	193574	KKOP-LP	WILDCAT BROADCASTING INC
541.	NE CREIGHTON	195783	KNIL-LP	ST. LUDGERUS CATHOLIC CHURCH
542.	NE CRETE	197538	NEW	CRETE PROGRESSIVE EDUCATIONAL BROADCASTING
543.	NE CRETE	197558	NEW	GREATER CRETE COMMERCIAL FREE RADIO CORPORATION
544.	NE EDGAR	193292	KCGW-LP	WILLIAMS LIFE RADIO
545.	NE EDGAR	196929	WCGD-LP	CENTRAL NEBRASKA COMMUNITY BROADCASTING
546.	NE GERI NG	193700	KCTH-LP	CHRIST THE KING CATHOLIC CHURCH OF GERI NG AND SCO
547.	NE HASTI NG	193596	KHPJ-LP	HOPE RADIO HASTI NG
548.	NE HOLDREGE	194494	KMKP-LP	ST. JOHN BOSCO CATHOLIC RADIO OF HOLDREGE
549.	NE IMPERIAL	194493	KNKP-LP	ST. POLYCARP CATHOLIC RADIO OF IMPERIAL
550.	NE KEARNEY	193647	KNEY-LP	KEARNEY SDA RADIO
551.	NE MCCOOK	194491	KQPK-LP	HOLY SPIRIT CATHOLIC RADIO OF MCCOOK
552.	NE OGALLALA	196364	NEW	ADVENTIST LEARNING CENTER OF OGALLALA
553.	NE OMAHA	194041	KXNB-LP	MALCOLM X MEMORIAL FOUNDATION
554.	NE OMAHA	193213	KPWM-LP	MILLARD PUBLIC SCHOOLS
555.	NE OMAHA	196809	NEW	NORTH OMAHA LOVES JAZZ CULTURAL ARTS AND HUMANITIES
556.	NE SIDNEY	193730	KJAM-LP	ST. JAMES CATHOLIC RADIO OF SIDNEY
557.	NE SOUTH SIOUX CITY	194620	KVRY-LP	WHITE STONE, INC., D/B/A CALVARY CHAPEL SOUTH SIOUX
558.	NE VALENTINE	194489	NEW	ST. JOHN OF GOD CATHOLIC RADIO OF VALENTINE
559.	NE YORK	194490	KMAY-LP	ST. MARY CATHOLIC RADIO OF YORK
560.	NJ ARROWHEAD VILLAGE	133835	WUPC-LP	RADIO ALERTA
561.	NJ BRIDGEGETON	133208	WZFI-LP	AZARIAH COMMUNICATIONS
562.	NJ CAPE MAY	134095	WCFA-LP	CENTER FOR COMMUNITY ARTS, INC.
563.	NJ LAKEWOOD	134469	WMDI-LP	AMERICAN INSTITUTE FOR JEWISH EDUCATION (AI JE)
564.	NJ LINWOOD	134532	WMRH-LP	MAINLAND REGIONAL HIGH SCHOOL
565.	NJ NEWTON	193235	WAMS-LP	SUSSEX COUNTY COMMUNITY COLLEGE
566.	NJ VERNON	195004	WSRX-LP	SKYLANDS RADIO COOPERATIVE
567.	NJ VINELAND	134781	WPOV-LP	CALVARY CHAPEL OF VINELAND, INC.
568.	NM BELEN	133409	KBNM-LP	TIXS FOR KIDS
569.	NM BLOOMFIELD	194601	KFDP-LP	CITY OF BLOOMFIELD
570.	NM CLOVIS	197187	NEW	CLOVIS SEVENTH DAY ADVENTIST CHURCH
571.	NM ISLETA	194895	NEW	PUEBLO OF ISLETA
572.	NM LAS VEGAS	134421	KLYN-LP	THE ROCK CHRISTIAN OUTREACH
573.	NM SANTA ROSA	135559	KSRL-LP	ST. ROSE OF LIMA EDUCATION ASSOCIATION
574.	NV BUNKERVILLE	196337	KRBV-LP	BUNKERVILLE VOLUNTEER FIRE DEPARTMENT
575.	NV ELKO	196219	KGLJ-LP	GREATER LIFE CHURCH
576.	NV PAHRUMP	191832	KWKI-LP	TALK RADIO OF PAHRUMP INC

577.	NV PAHRUMP	191831	KPFV-LP	RADIO EDUCATION NETWORK INC
578.	NV SPRING CREEK	191485	KDHE-LP	SPRING CREEK CHRISTIAN CENTER
579.	NY CENTER MORICHES	132509	WSVV-LP	THE SAVIOR'S VOICE BROADCASTING COMPANY, INC
580.	NY OCEAN BEACH	194299	NEW	FIRE DEPARTMENT OF OCEAN BEACH, INC.
581.	NY WESTHAMPTON	132494	WAPP-LP	AQUILA BROADCASTING CORP.
582.	OH MOSCOW	194043	NEW	RADIO FREE MOSCOW INC
583.	OH WEST UNION	132046	WUHS-LP	WEST UNION HIGH SCHOOL
584.	OK ADA	123911	KADB-LP	PONTOTOC EDUCATIONAL RADIO, INC.
585.	OK BLANCHARD	195875	KGCG-LP	J&C COUNTRY CHURCH INC
586.	OK CLINTON	196065	KFWG-LP	UNIVERSAL TRUTH RADIO, LTD
587.	OK EDMOND	196287	KPCG-LP	PHILADELPHIA CHURCH OF GOD, INC.
588.	OK ELK CITY	195690	KPFS-LP	WESTERN OKLAHOMA CATHOLIC FAITH FOUNDATION
589.	OK ENID	195703	NEW	RADIO MEDIA LTD
590.	OK ENID	194113	KVBN-LP	VICTORY BIBLE CHURCH, INC.
591.	OK ENID	124233	KLGB-LP	COVENANT LIFE MINISTRIES, INC.
592.	OK LOCUST GROVE	192725	NEW	CHRISTIAN CULTURE COMMUNICATIONS, INC.
593.	OK MARLOW	124070	KZPY-LP	IN THE ZONE RADIO, INC.
594.	OK MCALESTER	192977	KHWR-LP	FLAMES OF TRUTH CRUSADES
595.	OK MIAMI	195539	KMIO-LP	COMMUNITY CRISIS CENTER, INC.
596.	OK NORMAN	195935	KXOU-LP	UNIVERSITY OF OKLAHOMA
597.	OK NORMAN	195139	NEW	CALVARY CHAPEL OF NORMAN, INCORPORATED
598.	OK OKLAHOMA CITY	195131	KHVJ-LP	IGLESIA DE RESTAURACION, EL MONTE DE LOS OLIVOS
599.	OK PONCA CITY	195478	NEW	PONCA CITY CATHOLIC RADIO, INC.
600.	OK PURCELL	193719	KQTR-LP	CITY OF PURCELL
601.	OK SHAWNEE	194649	NEW	BENEDICTINE FATHERS OF SACRED HEART MISSION, INC.
602.	OK TULSA	194191	KOKT-LP	ELECTRON BENDERS
603.	OK WELCH	193739	KVWO-LP	VOICE OF WELCH COMMUNICATIONS, INC.
604.	OK WOODWARD	195626	NEW	WOODWARD CATHOLIC RADIO, INC.
605.	OR BANDON	197186	NEW	BANDON COMMUNITY RADIO
606.	OR BROOKINGS	135276	KSEP-LP	ANCHOR NETWORK
607.	OR BROOKINGS, OR	195257	KCIW-LP	CURRY COAST COMMUNITY RADIO
608.	OR BURNS	135517	KBWR-LP	DESERT BROADCASTING, INC.
609.	OR CAVE JUNCTION	195357	KXCJ-LP	SPIRAL LIVING CENTER
610.	OR CHILOQUIN	195684	KCQN-LP	CHILOQUIN VISION IN PROGRESS
611.	OR COOS BAY	196932	KJAJ-LP	COOS COMMUNITY RADIO
612.	OR COOS BAY	134923	KBAV-LP	COOS BAY GOSPEL MINISTRY, INC
613.	OR COTTAGE GROVE	135431	KSOW-LP	REAL RURAL RADIO
614.	OR FOSSIL	134334	KFSL-LP	FOSSIL SCHOOL DISTRICT 21J
615.	OR GILCHRIST	134468	KITC-LP	CRESCENT/GILCHRIST COMMUNITY ACTION TEAM
616.	OR GOLD BEACH	134580	KTJN-LP	TOTALLY JESUS NETWORK, INC.
617.	OR HERMISTON	192847	NEW	OUR LADY OF ANGELS CATHOLIC CHURCH OF HERMISTON,
618.	OR LA GRANDE	135215	KFYL-LP	VALLEY CHRISTIAN RADIO CORP.
619.	OR LAKEVIEW	135707	KTOD-LP	HOPE FOR TODAY BROADCASTING, INC.
620.	OR LAPINE	193645	KNCP-LP	LAPINE FRONTIER DAYS ASSOCIATION
621.	OR MADRAS	135331	KMAB-LP	THE GIBBONS SCHOOL
622.	OR MADRAS	135771	KGBZ-LP	CENTRAL OREGON EDUCATIONAL RADIO CORPORATION
623.	OR MILL CITY	192441	KYAC-LP	SANTIAM HEARTS TO ARTS
624.	OR NEWPORT	196483	NEW	NEWPORT NAZARENE CHURCH
625.	OR PAISLEY, OR	133953	KPAI-LP	PAISLEY HIGH SCHOOL
626.	OR PENDLETON	196412	KIPC-LP	PENDLETON COMMUNITY MEDIA
627.	OR PORT ORFORD	192107	KUPO-LP	BATTLE ROCK COMMUNICATIONS, INC.
628.	OR PRINEVILLE	196217	NEW	CITY OF PRINEVILLE
629.	OR PRINEVILLE	195330	NEW	CITY OF PRINEVILLE
630.	OR SISTERS	133837	KZSO-LP	SISTERS SCHOOL DISTRICT #6, DESCHUTES COUNTY
631.	PA CHAMBERSBURG	135294	WRZO-LP	DACK INC.
632.	PA CHAMBERSBURG	195520	NEW	CHAMBERSBURG AREA SCHOOL DISTRICT
633.	PA GAP	135143	WLRI-LP	LANCHESTER RADIO INFORMATION, INC.
634.	PA MIDDLETOWN	197183	NEW	MIDDLETOWN AREA BIBLE CHURCH
635.	PA SHAWNEE-ON-DELAWARE	133431	WCSD-LP	SHAWNEE PRESBYTERIAN CHURCH
636.	PR GUANICA	196148	WJED-LP	ONDA CULTURAL DEL SUR INC.
637.	RI ASHAWAY	124671	WSUB-LP	THE BUZZ ALTERNATIVE RADIO FOUNDATION INC.
638.	RI NEWPORT	123581	WXHQ-LP	NEWPORT MUSICAL ARTS ASSOCIATION
639.	RI PROVIDENCE	124214	WIGV-LP	CASA DE ORACION GETSEMANI
640.	SC AIKEN	132469	WASD-LP	AIKEN CHRISTIAN BROADCASTING CORP.
641.	SC ANDERSON	195422	NEW	ANDERSON FAMILY RADIO
642.	SC BAMBERG	195457	WBSC-LP	RISING HIGH FOUNDATION
643.	SC BEAUFORT	194454	WKWQ-LP	SOUTH CAROLINA LOWCOUNTRY GULLAH PEOPLE'S MOVEMENT
644.	SC BELTON	196290	WQAT-LP	ALLEN TEMPLE AME CHURCH
645.	SC BENNETTSVILLE	195815	WRQP-LP	MARLBORO COUNTY BROADCASTERS
646.	SC BENNETTSVILLE	196399	WEOM-LP	BENNETTSVILLE COMMUNITY RADIO
647.	SC CHARLESTON	193140	WYLA-LP	THE CHARLESTON COUNTY PUBLIC LIBRARY
648.	SC CHARLESTON	194530	NEW	NEW MUSIC COLLECTIVE

649.	SC	CLINTON	131284	WPCX-LP	PRESBYTERIAN COLLEGE
650.	SC	CLIO	197377	WOPA-LP	CLIO OPERA INC
651.	SC	COLUMBIA	195583	NEW	ST. PETER'S CATHOLIC SCHOOL
652.	SC	ELLOREE	131836	WLRE-LP	ELLOREE EDUCATIONAL ASSOCIATION
653.	SC	FLORENCE	196834	WFSC-LP	CITY OF FLORENCE
654.	SC	GEORGETOWN	131456	WGE0-LP	CITY OF GEORGETOWN (GEORGETOWN CITY FIRE DEPARTMENT
655.	SC	GREER	197418	NEW	CALVARY BROADCASTING, INC.
656.	SC	HARTSVILLE	131603	WHEZ-LP	LIGHTHOUSE GOSPEL NETWORK
657.	SC	JEFFERSON	131885	WVOY-LP	THE CHURCH OF GOD, INC. EMMANUEL
658.	SC	NEWBERRY	132071	WNIR-LP	NEWBERRY COLLEGE
659.	SC	NEWBERRY	131871	WWPZ-LP	NEWBERRY MINORITY BROADCAST COALITION
660.	SC	ORANGEBURG	194463	W0CS-LP	NEW PERSPECTIVES MEDIA ASSOCIATION
661.	SC	ORANGEBURG, SC	196134	NEW	SOUTH CAROLINA STATE UNIVERSITY
662.	SC	PIEDMONT	194855	WXRU-LP	BENJAMIN BANNEKER LODGE NO. 364 OF I.B.P.O.E. OF W.
663.	SC	PONTIAC	194778	WXNE-LP	FRIENDS OF INDEPENDENT PUBLIC RADIO NORTHEAST LTD
664.	SC	ROCKHILL	196642	WYTX-LP	YORK TECHNICAL COLLEGE
665.	SC	ROCKHILL	132312	WRHJ-LP	SOUTHSIDE BAPTIST CHURCH
666.	SC	SALEM	194314	WFBS-LP	SALEM RADIO INC
667.	SC	SANDY SPRINGS	196993	WZFN-LP	SPREADING CHEER
668.	SC	SIXMILE	197459	WZVZ-LP	BATTLE OF CENTRAL SC COMMITTEE
669.	SC	SPARTANBURG	131757	WHRZ-LP	FIRST BAPTIST CHURCH
670.	SC	WHEATMERE	193573	WHMR-LP	TYGER - ENOREE RIVER ALLIANCE
671.	SD	FORT THOMPSON	196435	NEW	CROW CREEK SIOUX TRIBE
672.	SD	PIERRE	196563	KPPF-LP	CENTRAL SOUTH DAKOTA COMMUNITY RADIO
673.	SD	PINE RIDGE	194128	NEW	RESTORATION RADIO MINISTRIES, INC
674.	TN	ATHENS	135040	WKPJ-LP	ATHENS CHRISTIAN RADIO, INC.
675.	TN	BROWNSVILLE	193516	NEW	DUNBAR CARVER MUSEUM COMMUNITY RADIO
676.	TN	CAMDEN	192346	NEW	FIRST UNITED METHODIST CHURCH
677.	TN	CLARKSVILLE	194382	NEW	IMMACULATE CONCEPTION PARISH
678.	TN	CLARKSVILLE	193011	KWUS-LP	RADIO-4-US
679.	TN	COLLIERVILLE	195067	WTLT-LP	COLLIERVILLE COMMUNITY COMMUNICATIONS INC
680.	TN	COLUMBIA	134052	WV00-LP	LIGHTHOUSE BAPTIST CHURCH
681.	TN	COOKEVILLE	134263	WJNU-LP	ALGOOD CHRISTIAN BROADCASTING, INC.
682.	TN	DECHERD	196973	NEW	DECHERD CHRISTIAN CENTER
683.	TN	DICKSON	197564	NEW	DICKSON COUNTY SCHOOLS
684.	TN	DICKSON	135070	WLTD-LP	DICKSON OMEGA RADIO
685.	TN	DRESDEN	194040	WXOL-LP	DRESDEN CHURCH OF CHRIST
686.	TN	GAINESBORO	134993	WENV-LP	SAVE THE CUMBERLAND, INC.
687.	TN	GREENEVILLE	194474	W0FB-LP	OUR FATHER'S BUSINESS, INC.
688.	TN	GREENEVILLE	193632	WRJH-LP	CENTRAL BAPTIST CHURCH
689.	TN	HENDERSONVILLE	194291	WHQV-LP	JESUS BREAKS THE CHAINS CHURCH
690.	TN	JACKSON	134022	WLCD-LP	LANE COLLEGE
691.	TN	JAMESTOWN	135001	WSAB-LP	JAMESTOWN INSPIRATIONAL MEDIA, INC.
692.	TN	KINGSTON	193998	WKNT-LP	CORPORATION FOR RADIO EDUCATION INC
693.	TN	LAFOLLETTE	135282	WGND-LP	LIGHTHOUSE MINISTRIES, INC.
694.	TN	LENOIR CITY	194017	WMJB-LP	J.W. MCGHEE FOUNDATION FOR BROADCAST ARTS
695.	TN	LOUDON	191888	WMJA-LP	POWER OF THE GAME INC.
696.	TN	LOUDON	133392	WLNT-LP	COMMUNITY RADIO OF LOUDON COUNTY INCORPORATED
697.	TN	MADISONVILLE	193724	WGSM-LP	SPIRIT MINISTRIES, INC
698.	TN	MCMINNISVILLE	133410	WS0J-LP	COMMUNITY OF GOOD SAMARITANS, INC
699.	TN	MEMPHIS	195039	NEW	ASSOCIATION OF ISLAMIC CHARITABLE PROJECTS
700.	TN	MURFREESBORO	195426	WRHW-LP	REMNANT BROADCASTING CORPORATION
701.	TN	PIKEVILLE	194930	WTGP-LP	THE GATHERING PLACE
702.	TN	ROSEMARK	194644	WTRA-LP	TIPTON - ROSEMARK ACADEMY, INC.
703.	TN	SAVANNAH	134572	WQTR-LP	HARDIN COUNTY HIGH SCHOOL
704.	TN	SEWANEE	135206	WMTN-LP	ST. ANDREW'S-SEWANEE SCHOOL
705.	TN	SPENCER	135776	WSPE-LP	SPENCER MOUNTAIN BROADCASTING, INC
706.	TN	SPRINGHILL	193027	WNSM-LP	NORTH STAR MEDIA, INC.
707.	TN	VONORE	135624	WTRL-LP	TALK OF YOUR LIFE RADIO OF VONORE
708.	TX	ABILENE	134186	KVVO-LP	NEW LIFE TEMPLE
709.	TX	BAIRD	197584	NEW	BAIRD BROADCASTING CLUB
710.	TX	BAYCITY	197102	KBCT-LP	JACKSON ELECTRIC COOPERATIVE, INC.
711.	TX	BORGER	193244	KXTI-LP	CITY OF BORGER, TX
712.	TX	BRAZORIA	197106	KFCJ-LP	JACKSON ELECTRIC COOPERATIVE, INC.
713.	TX	BROWNSBORO	194980	KJBB-LP	BROWNSBORO INDEPENDENT SCHOOL DISTRICT
714.	TX	CANTON	195704	NEW	ST. THERESA CATHOLIC CHURCH
715.	TX	CARTHAGE	196292	NEW	FIRST BAPTIST CHURCH, CARTHAGE, TEXAS
716.	TX	CASON	134527	KWSK-LP	KWS BROADCASTING EDUCATIONAL FOUNDATION, INC.
717.	TX	CATSPRING	194652	KLOT-LP	AUSTIN COUNTY COMMUNITY COMMUNICATIONS
718.	TX	CHALKHILL COMMUNITY	134419	KXAL-LP	THE CHURCH AT LAKE CHEROKEE
719.	TX	CHILDRRESS	195370	KPBC-LP	PARKVIEW BAPTIST CHURCH
720.	TX	CLEVELAND	193153	NEW	CLEVELAND INDEPENDENT SCHOOL DISTRICT

721.	TX	CLEVELAND	134879	KORG-LP	OPERATION REFUGE, INC.
722.	TX	COLLEGE STATION	133248	KACB-LP	SAINT MARY'S CATHOLIC CHURCH
723.	TX	COLLEGE STATION	195807	KRME-LP	MINISTERIOS DE RESTAURACION EBENEZER
724.	TX	EMORY	193522	NEW	RAINS INDEPENDENT SCHOOL DISTRICT
725.	TX	EMORY	197608	KKVI-LP	GOSPEL AMERICAN NETWORK
726.	TX	ENNIS	195326	KWAH-LP	EVANGELISTIC MESSENGERS ASSOCIATION CHURCH
727.	TX	GALVESTON	195863	KLHG-LP	IGLESIA LA HERMOSA
728.	TX	GREENVILLE	135673	KYLP-LP	IGLESIA CRISTIANA EBENEZER OF GREENVILLE, TX
729.	TX	HART	193796	KSJH-LP	ST. JOHN NEPOMUCENE PARISH RADIO COMMITTEE
730.	TX	HOOKS	192026	KJUK-LP	AMERICAN LEGION POST 248 INC.
731.	TX	JACKSONVILLE	194614	KRVJ-LP	CENTRO CRISTIANO DE ALABANZA
732.	TX	KILLEEN	194986	KRGN-LP	SOUNDS OF GOSPEL RADIO INC
733.	TX	KILLEEN	195226	NEW	KILLEEN INDEPENDENT SCHOOL DISTRICT
734.	TX	KILLEEN	135336	KJHV-LP	FISH NET MEDIA INC.
735.	TX	KILLEEN	193237	NEW	FORT HOOD SUPPORT NETWORK
736.	TX	KOUNTZE	195080	KTZE-LP	KOUNTZE CHURCH OF CHRIST
737.	TX	LIBERTY	192990	KXAQ-LP	HWY 90 CHURCH OF CHRIST
738.	TX	LUFKIN	135019	KEOE-LP	V. E. LEACH MINISTRIES
739.	TX	MALAKOFF	192154	KQRP-LP	CEDAR CREEK EDUCATIONAL BROADCASTING CORPORATION
740.	TX	MARSHALL	194328	KFNA-LP	GEORGE A THOMPSON POST 878
741.	TX	MOUNT PLEASANT	195329	KTGZ-LP	MOUNT PLEASANT INDEPENDENT SCHOOL DISTRICT HIGH
742.	TX	MOUNT PLEASANT	197463	NEW	KMZD RADIO, INC
743.	TX	MOUNT PLEASANT	197185	KDVE-LP	JOHN H GUTIERRES EVANGELISTIC ASSOCIATION INC
744.	TX	MOUNT PLEASANT	133429	KKXI-LP	ALPHA BROADCASTING NETWORK, INC.
745.	TX	MOUNT VERNON	197553	NEW	MOUNT VERNON BROADCASTING
746.	TX	NAZARETH	193141	KHFN-LP	HOLY FAMILY PARISH RADIO COMMITTEE
747.	TX	PALACIOS	197105	KRKD-LP	JACKSON ELECTRIC COOPERATIVE, INC.
748.	TX	PALESTINE	193128	NEW	SACRED HEART CATHOLIC CHURCH PARISH COUNCIL
749.	TX	PITTSBURG	194870	KCUS-LP	OWL LEARNING CENTER
750.	TX	PLAINVIEW	133507	KOLF-LP	SACRED HEART EDUCATIONAL ASSOCIATION
751.	TX	PORT ARTHUR	133414	KSAP-LP	TRUTH AND EDUCATION
752.	TX	SACHSE	194450	NEW	IGLESIA CASA DE ORACION Y ALABANZA AG
753.	TX	SHEPHERD	191837	KXAX-LP	HGN MUSIC & EDUCATION FOUNDATION
754.	TX	SPRING	195164	KLJJ-LP	THE LION OF THE TRIBE OF JUDAH MINISTRIES
755.	TX	STEPHENSVILLE	134097	KXTR-LP	TARLETON STATE UNIVERSITY
756.	TX	SULPHUR SPRINGS	135743	KXVX-LP	NEW LIFE MEDIA MINISTRIES, INC.
757.	TX	SULPHUR SPRINGS	133969	KVVT-LP	CENTRO DE ADORACION
758.	TX	TENAHA	132836	KGOD-LP	INTERNATIONAL MISSIONARY FELLOWSHIP INC. (IMF)
759.	TX	TYLER	194279	KZYR-LP	MINISTERIO DE DIOS PENTECOSTAL
760.	TX	TYLER	192257	KJID-LP	IGLESIA DE DIOS JESUCRISTO MANANTIALES DE VIDA
761.	TX	WACO	196352	NEW	AMISTAD BAPTIST CHURCH (ABC)
762.	TX	WACO	134259	KXZY-LP	PRIMERA ASAMBLEA DE DIOS
763.	TX	WACO	135565	KWRA-LP	AMISTAD BAPTIST CHURCH
764.	TX	WICHITA FALLS	135595	KXWF-LP	COMUNIDAD CRISTIANA OF WICHITA FALLS
765.	TX	WINFIELD	133427	KXVI-LP	IGLESIA AMERICA PARA CRISTO, INC.
766.	TX	WINNSBORO	197561	KPLP-LP	WINNSBORO BROADCASTING CLUB
767.	UT	GREEN RIVER	193215	KZGR-LP	GREEN RIVER PACT
768.	UT	KANAB	196641	KKNB-LP	KANE COUNTY SHERIFFS OFFICE
769.	UT	MOAB	197158	KCUT-LP	TUNNEL VISION MUSIC
770.	UT	ORDERVILLE	196649	KOUO-LP	KANE COUNTY SHERIFFS OFFICE
771.	VA	BERRYVILLE	196091	NEW	THOMAS MANLEY EDUCATIONAL ASSOCIATION
772.	VA	BRIESTOL	193386	WBCM-LP	BIRTHPLACE OF COUNTRY MUSIC, INC.
773.	VA	FLOYD	197268	WROF-LP	RADIO FREE FLOYD
774.	VA	FREDERICKSBURG	126648	WLMP-LP	CALVARY CHAPEL OF FREDERICKSBURG
775.	VA	GALAX	196365	WFOG-LP	GOLDEN WEST MEDIA
776.	VA	HAMPTON	125841	WRPC-LP	PENINSULA FAMILY RADIO
777.	VA	HILLSVILLE	196248	WXMM-LP	PINK DOORS MEDIA
778.	VA	HILLSVILLE	127052	WXEZ-LP	COMMUNITY BROADCASTING OF HILLSVILLE
779.	VA	HILLSVILLE	196545	WWSO-LP	HILLSVILLE RADIO FOR KIDS
780.	VA	HUDDLESTON	192950	WRHH-LP	HUDDLESTON COMMUNITY RADIO INC.
781.	VA	KILMARNOCK	197263	NEW	WATERSHED RADIO PROJECT, INCORPORATED
782.	VA	MANASSAS	196154	NEW	CARDINAL NEWMAN SOCIETY FOR THE PRESERVATION OF CAT
783.	VA	RICE	195060	WJHH-LP	BACK TO HEALTH AND HEALING RESEARCH INSTITUTE
784.	VA	ROCKY MOUNT	195821	WQMR-LP	BRAMELDON PRODUCTIONS
785.	VA	SALEM	124498	WRKE-LP	THE TRUSTEES OF ROANOKE COLLEGE
786.	VA	SCOTTSVILLE	126026	WCCA-LP	CALVARY BAPTIST CHURCH
787.	VA	SUFFOLK	193910	WORJ-LP	THE MASTER'S HOUSE CHURCH
788.	VA	SWEET BRIAR	192461	WSWE-LP	SWEET BRIAR COLLEGE
789.	VA	WHITESTONE	194308	WWND-LP	WHITESTONE RADIO INC
790.	VA	WOODLAWN	196387	NEW	APPLE ENTERPRISE INC
791.	WI	ALTOONA	131883	WJLM-LP	OTTER CREEK CHRISTIAN RADIO, INC.
792.	WI	BLACK EARTH	194953	WISY-LP	MAZOMANIE MUSIC CONSERVANCY LIMITED

793. WI BROOKFIELD	195638 NEW	THE WORD FOR LIFE, INC.
794. WI CHIPPEWA FALLS	132228 WHRC-LP	CHIPPEWA FALLS CHRISTIAN RADIO, INC.
795. WI COLUMBUS	197179 WQWA-LP	WISCONSIN ACADEMY
796. WI EAU CLAIRE	131585 WHYS-LP	NORTHERN THUNDER, INC.
797. WI FOND DU LAC	195430 NEW	FOND DU LAC CHRISTIAN BROADCASTING, INC.
798. WI HAGER CITY	194350 WSWJ-LP	RED WING BROADCASTING ASSOCIATION
799. WI HUDSON	195215 NEW	CAPITAL FM RADIO LIMITED
800. WI JANESVILLE	197277 WADR-LP	UAA
801. WI KENOSHA	193377 WIPZ-LP	BD OF REGENTS, UNIV OF WISC. SYST. ON BEHALF OF UW-
802. WI MADISON	132183 WIDE-LP	HEALTH WRITERS, INC.
803. WI MADISON	132239 WIXL-LP	LAKE CITY CHURCH, INC.
804. WI MENOMONIE	132224 WPHF-LP	MENOMONIE CHRISTIAN RADIO, INC.
805. WI MENOMONIE	132039 WRJF-LP	JESUS FELLOWSHIP OF BELIEVERS, INCORPORATED
806. WI MILWAUKEE	196385 NEW	INNER CITY DEVELOPMENT PROJECT, INC
807. WI MILWAUKEE	196240 NEW	FAITH COMMUNITY DEVELOPMENT CORPORATION
808. WI MONONA	193317 WVMO-LP	CITY OF MONONA
809. WI MOUNT MORRIS	194934 WMNM-LP	MT. MORRIS/WAUSHARA PRESERVATION GROUP, INC.
810. WI MUKWONAGO	131376 WFAQ-LP	KETTLE MORAIN COMMUNITY RADIO, INC.
811. WI OCONTO FALLS	195892 NEW	ST. PADRE PIO RADIO, INC
812. WI PORT WASHINGTON	191668 WPDB-LP	PORT WASHINGTON COMMUNITY BROADCASTING, INC.
813. WI PORTAGE	195859 NEW	PORTAGE EDUCATIONAL BROADCASTING INC
814. WI SHAWANO	132173 WRGW-LP	SACRED HEART EDUCATIONAL ASSOCIATION
815. WI STANLEY-BOYD-CADOTT	195687 WASB-LP	ALL SAINTS CATHOLIC PARISH
816. WI STEVENS POINT	191760 WSNP-LP	CITY OF STEVENS POINT
817. WI SUN PRAIRIE	193367 WLSP-LP	SUN PRAIRIE COMMUNITY FOUNDATION D.B.A. FRIENDS OF
818. WI WATERLOO	194462 NEW	WATERLOO CHRISTIAN RADIO CORPORATION
819. WI WAUPACA	193603 WAUP-LP	WAUPACA AREA COMMUNITY RADIO INC.
820. WI WAUPACA	193884 NEW	CITY OF WAUPACA
821. WI WISCONSIN RAPIDS	195676 WRBP-LP	CALVARY CHAPEL OF WISCONSIN RAPIDS, INC.
822. WV ATHENS	194515 WVCU-LP	CONCORD UNIVERSITY
823. WV BERKELEY SPRINGS	135458 WDTF-LP	DEFENDERS OF THE FAITH, INC.
824. WV CLAY	133896 WYAP-LP	CLAY COUNTY COMMUNICATIONS, LTD.
825. WV EDMOND	134635 WQAZ-LP	THE SYNER FOUNDATION (NEW BOARD)
826. WV GREAT CACAPON	194218 WVSF-LP	ADVOCARE INC
827. WV IVYDALE	197311 WULL-LP	IVYDALE COMMUNITY ACTION NETWORK, INC
828. WV KEYSER	195768 WKYW-LP	MINERAL COUNTY HISTORICAL SOCIETY, INC.
829. WV LIZEMORES	196734 WTUB-LP	CLAY COUNTY SERVICES UNLIMITED, INC
830. WV OAK HILL	194270 NEW	SOUTHERN APPALACHIAN LABOR SCHOOL
831. WV RICHWOOD	194124 WXTH-LP	RIVERSIDE BAPTIST CHURCH
832. WV SOUTH CHARLESTON	193867 NEW	MARSHALL UNIVERSITY GRADUATE COLLEGE (STUDENTS)
833. WV SPENCER	133971 WYRC-LP	ROANE COUNTY BOARD OF EDUCATION
834. WV ST. ALBANS	194540 WWSA-LP	CITY OF ST. ALBANS
835. WY BUFFALO	126655 KSLW-LP	BUFFALO BAPTIST CHURCH
836. WY CHEYENNE	196034 NEW	FAITH BAPTIST CHURCH
837. WY DOUGLAS	126692 KFCB-LP	DOUGLAS BAPTIST CHURCH, INC.
838. WY LARAMIE	125800 KOCA-LP	LA RADIO MONTANESA: VOZ DE LA GENTE
839. WY LUSK	196437 KING-LP	NEW LIFE IN CHRIST BAPTIST CHURCH
840. WY SHERIDAN	195793 KHNA-LP	APERIO RADIO, INC
841. WY WORLAND	195059 KKSG-LP	SOVEREIGN GRACE BIBLE CHURCH

APPENDIX E

**“FOOTHILL EFFECT” FULL SERVICE FM STATIONS
ELIGIBLE FOR ADDITIONAL CONTOUR OVERLAP
PROTECTION BY LP-250 STATIONS**

				BEARING OF LONGEST LOBE LONGEST LOBE IN SERVICE CONTOUR			
1	AK	ANCHORAGE	78507 229C2	KAFC	BLH-19991007ABE	74.99	248
2	AZ	MORRISTOWN	166065 258C2	KRPB	BLH-20110225ACJ	76.79	195
3	AZ	PAYSON	164203 257C3	KEMP	BLH-20070813ABX	63.30	189
4	CA	APPLE VALLEY	57920 272A	KZXY-FM	BLH-19920428KB	48.00	325
5	CA	ARCADIA	35113 296A	KSSE	BMLH-20000927ABW	57.91	181
6	CA	ARVIN	21209 223A	KMYX-FM	BLH-20120105ABB	49.19	272
7	CA	BEAUMONT	3727 265A	KAEH	BPH-20110929AJI	47.06	234
8	CA	BERKELEY	51246 231B	KPFA	BLED-19791108AE	97.14	254
9	CA	BIG BEAR CITY	51566 227A	KBHR	BLH-20050103AJG	56.00	28
10	CA	BUTTONWILLOW	183310 265A	KHMU	BLH-20150224AAB	51.81	43
11	CA	CAMARILLO	70563 240A	KOCP	BPH-20121016ACW	49.71	206
12	CA	CAMPO	63471 241B1	KYDO	BMLH-20131202APS	68.91	270
13	CA	CARMEL VALLEY	164096 290A	KMLY	BLH-20120710ACV	46.54	324
14	CA	CHICO	10813 224A	KBQB	BLH-19930920KD	47.14	214
15	CA	COACHELLA	12131 229B	KCLB-FM	BMLH-20111114BUJ	90.43	175
16	CA	COACHELLA	189509 278A	KPST-FM	BLH-20120521BEN	46.73	215
17	CA	COARSEGOLD	164118 233A	KRPW	BMLH-20110518ABW	46.43	224
18	CA	COLUMBIA	12063 255A	KCVR-FM	BLH-19960509KC	51.39	249
19	CA	CONCOW	31618 262A	KBJK	BLH-20130912ACH	48.26	229
20	CA	CORNING	52509 264B	KTHU	BMLH-19930910KE	95.61	141
21	CA	DINUBA	54560 255B	KSOF	BLH-20140630AED	100.27	257
22	CA	DUNSMUIR	21223 261C3	KZRO	BLH-20001002AGI	73.76	195
23	CA	FORD CITY	22030 271A	KZPE	BMPH-19971110ID	56.88	16
24	CA	FORESTVILLE	43711 265A	KSXY	BLH-20110527ACZ	49.34	190
25	CA	FRESNO	26924 229B	KSKS	BMLH-20050425ABM	117.47	221
26	CA	GEYSERVILLE	72925 254A	KXTS	BLH-20070817AAM	49.57	190
27	CA	GLENDALE	24548 270B	KSCA	BMLH-20111031ADQ	93.51	196
28	CA	GOLETA	3159 248B	KYGA	BLED-20130307ABR	104.51	183
29	CA	GREENACRES	17359 291B1	KRAB	BLH-19960126KA	76.58	216
30	CA	HANFORD	26266 298B	KRDA	BLH-20050812ABY	103.29	257
31	CA	HEALDSBURG	16257 240A	KRSH	BMLH-20070817AAO	49.57	190
32	CA	HEALDSBURG	79003 244A	KNOB	BMLH-20090429AAV	48.94	190
33	CA	HEMET	36829 288A	KXRS	BMPH-20090210AEA	62.64	258
34	CA	IDYLLWILD	33611 267A	KATY-FM	BMLH-20071002ACQ	60.28	280
35	CA	INDIAN WELLS	165313 240A	KJJZ	BLH-20070911ACV	47.69	175
36	CA	INDIO	11658 224A	KKUU	BLH-20021210ABQ	62.20	204
37	CA	INDIO	43132 272A	KRHQ	BLH-19981124KE	56.67	204
38	CA	JOSHUA TREE	67029 242A	KXCM	BLH-20111019ACI	47.27	83
39	CA	KERMAN	189478 224A	NEW	BNPH-20110630AGU	57.63	63
40	CA	KERMAN	82085 237A	KBHH	BLH-20140910AAB	58.04	63
41	CA	LAMONT	183302 247A	KRJK	BLH-20111004AAT	55.19	264
42	CA	LIVERMORE	67818 269A	KKIQ	BMLH-19900130KA	50.68	318
43	CA	LOS ANGELES	35022 222B	KRRL	BMLH-19921021KA	120.00	198
44	CA	LOS ANGELES	9612 226B	KCBS-FM	BLH-20100818AAQ	116.80	207
45	CA	LOS ANGELES	59987 230B	KXOS	BLH-20060323ABU	107.92	230
46	CA	LOS ANGELES	25437 234B	KTWV	BMLH-20021104ADN	123.26	196
47	CA	LOS ANGELES	35078 238B	KLOS	BLH-19840702CP	125.49	198
48	CA	LOS ANGELES	25075 246B	KAMP-FM	BMLH-19900206KB	111.76	197
49	CA	LOS ANGELES	36019 254B	KYSR	BMLH-20090709ACO	97.76	179
50	CA	LOS ANGELES	48453 258B	KKLA-FM	BLH-20060829BEO	102.13	218
51	CA	LOS ANGELES	70038 262B	KSWD	BLH-20090409AHH	94.94	197
52	CA	LOS ANGELES	28631 266B	KRTH	BMLH-20071015AJG	122.99	197
53	CA	LOS ANGELES	19218 274B	KIIS-FM	BLH-5361	99.51	198
54	CA	LOS ANGELES	34424 278B	KOST	BLH-19930831KD	105.60	196
55	CA	LOS ANGELES	6360 282B	KBIG	BLH-20060113ABU	125.42	197
56	CA	LOS ANGELES	43939 286B	KKGO	BLH-19870225KA	109.25	197
57	CA	LOS ANGELES	35498 290B	KPWR	BMLH-20101221ACA	113.91	197
58	CA	LOS ANGELES	35086 298B	KLVE	BMLH-19950612KB	115.78	198
59	CA	LOS MOLINOS	55437 271B1	KCEZ	BLH-20060925AFK	80.02	141
60	CA	LOST HILLS	11622 245B1	KEBT	BLH-20060503ABA	73.46	43
61	CA	MARI COPA	164119 235A	KXTT	BLH-20090318AAG	52.40	73
62	CA	MCFARLAND	8108 275B1	KIWI	BLH-20020919AAV	76.73	40
63	CA	MECCA	52808 249A	KRCK-FM	BLH-20080725ABO	48.27	175
64	CA	MECCA	191492 282A	KFUT	BNPH-20130624ABC	54.98	233
65	CA	MONTEREY	7714 245B	KWAV	BMLH-20041028AIK	102.06	24
66	CA	MOUNTAIN PASS	34555 259B	KHYZ	BMLH-20020228ADC	89.50	62
67	CA	NORTH SHORE	2316 287A	KQCM	BLH-20120223AAZ	46.81	83
68	CA	OAKHURST	8341 276B1	KAAT	BLH-20000309AAV	80.73	219
69	CA	ONTARIO	10099 228A	KDEY-FM	BLH-20080521AEA	58.82	183

70	CA	ORLAND	67691	294B	KRQR	BLH-19980427KC	95.77	141
71	CA	OXNARD	25092	284B	KCAQ	BLH-20140512ADV	94.11	206
72	CA	PALM SPRINGS	35497	263B1	KPSI-FM	BLH-19910314KA	80.73	219
73	CA	PALM SPRINGS	54360	291B	KPLM	BLH-19981105KC	103.64	204
74	CA	PLACERVILLE	36028	221A	KMJE-FM	BLH-20060714AAW	53.19	251
75	CA	POLLOCK PINES	60300	226B1	KFBK-FM	BLH-20090604ABN	73.48	251
76	CA	RANCHO MIRAGE	15475	258A	KMRJ	BLH-19980724KA	58.27	204
77	CA	RED BLUFF	40919	239B	KALF	BLH-19950405KD	91.05	92
78	CA	REDLANDS	59272	244A	KCAL-FM	BMLH-19911205KA	52.38	177
79	CA	REDLANDS	67354	284A	KQIE	BLH-20100903ACG	54.00	254
80	CA	RI VERSI DE	58809	248B	KLYY	BLH-19951215KD	123.49	203
81	CA	SALINAS	26930	273B	KDON-FM	BLH-20040723ABH	97.35	234
82	CA	SAN BERNARDINO	1241	236B	KFRG	BMLH-20140522ABS	103.75	177
83	CA	SAN BERNARDINO	55240	260B	KOLA	BMLH-20101214AAF	97.36	268
84	CA	SAN FRANCISCO	9624	247B	KLLC	BMLH-20080818ABJ	89.37	96
85	CA	SAN FRANCISCO	35121	291B	KMEL	BMLH-20110805AAO	93.09	78
86	CA	SAN FRANCISCO	20897	295B	KFRC-FM	BMLH-20050811ABJ	89.20	96
87	CA	SAN JACINTO	25809	241A	KROB	BMLH-20061117ACW	54.27	254
88	CA	SAN JOSE	68839	262B	KBRG	BMLH-19980504KC	99.37	16
89	CA	SAN LUIS OBISPO	36025	227B	KZOZ	BLH-19961226KC	94.43	183
90	CA	SANTA BARBARA	14528	260B	KTYD	BLH-19870331KP	101.90	172
91	CA	SANTA BARBARA	8853	277B	KVYB	BLH-19990513KB	125.58	182
92	CA	SANTA CLARA	19532	289B	KVVF	BMLH-19930914KG	95.67	272
93	CA	ST. HELENA	74429	257A	KVYN	BLH-19960122KA	47.39	164
94	CA	SUTTER CREEK	184691	298A	NEW	BNPED-20100225AAO	49.98	213
95	CA	SUTTER CREEK	185149	298A	NEW	BNPED-20100226AJU	48.11	213
96	CA	SUTTER CREEK	184543	298A	NEW	BNPED-20100224ACJ	47.99	213
97	CA	SUTTER CREEK	184897	298A	NEW	BNPED-20100225ADX	48.92	214
98	CA	TAFT	456	280A	KBDS	BLH-19900504KD	49.53	88
99	CA	TAFT	164120	293A	KEAL	BLH-20090318AAI	51.96	73
100	CA	TULARE	9748	235B	KBOS-FM	BLH-20130506ACH	99.13	257
101	CA	TULARE	71714	294B	KJUG-FM	BLH-20130311ADZ	92.68	279
102	CA	TWENTYNINE PALMS BAS	183327	283A	KCLZ	BPH-20111116AIN	46.81	83
103	CA	VENTURA	35848	264B	KHAY	BLH-19960322KA	97.66	218
104	CA	VI SALIA	2099	225B	KFSO-FM	BMLH-20130506ACI	99.20	258
105	CA	VI SALIA	7717	246B	KSEQ	BLH-19870320KD	98.66	258
106	CO	ASPEN	170489	228C3	KTND	BLH-20100816ABF	77.54	304
107	CO	ASPEN	43884	276A	KSPN-FM	BMLH-20010913AAJ	56.05	317
108	CO	ASPEN	3008	296C3	KPVW	BMLH-20121107AEE	77.28	304
109	CO	AVON	57335	249C2	KZYR	BLH-20010913AAK	76.03	272
110	CO	BASALT	8780	291A	KNFO	BMLH-20030501AAQ	51.01	305
111	CO	BEULAH	81305	234C3	KFVR-FM	BLH-20111101ALK	71.57	104
112	CO	BUCKENRI DGE	57336	271A	KSMT	BLH-20070504ABR	50.11	346
113	CO	CANON CITY	35551	283C3	KSTY	BLH-20071003ABD	60.19	53
114	CO	CASTLE ROCK	10056	221C2	KJMN	BLH-20050603AAV	75.19	354
115	CO	CENTENNIAL	70822	270C3	KXWA	BLH-20071207AAV	59.29	354
116	CO	DOTSERO	190382	265A	KKVC	BNPH-20120529ALR	46.46	241
117	CO	DURANGO	88463	287C3	KXRC	BLH-20130614ACF	61.70	171
118	CO	EL JEBEL	162386	263A	KGHT	BMLH-20100816AAX	64.02	304
119	CO	ESTES PARK	76780	271A	KGRE-FM	BLH-20070117AAE	57.58	67
120	CO	HOTCHKISS	190375	258C3	KYKL	BNPH-20120529ALF	67.22	209
121	CO	OLNEY SPRINGS	164276	285C3	KRYE	BLH-20080307ADA	78.70	80
122	CO	SNOWMASS VILLAGE	57337	280A	KSNO-FM	BMLH-19960220KC	62.62	326
123	HI	HALI MAILE	56069	288C2	KPMW	BLH-20150304ACX	87.24	277
124	HI	KAWAI HAE	12244	295A	KWYI	BLH-19931202KD	67.24	292
125	HI	KEAAU	85061	287C2	KBGX	BMLH-20070328AGY	79.27	101
126	HI	KURTI STOWN	164281	274C3	KTBH-FM	BLH-20140728ADT	76.17	101
127	HI	VOLCANO	37211	299C2	KKOA	BLH-20070328AGZ	79.27	101
128	ID	WESTON	88184	240C3	KLZX	BMLH-20070117AAI	65.76	244
129	MI	GRAND RAPIDS	73606	229B	WBCT	BLH-19800616AK	94.89	281
130	MT	DARBY	166088	300C3	KHDV	BLH-20070828AAH	71.14	45
131	MT	LOLO	166089	250C3	KDXT	BLH-20080208ADZ	59.51	328
132	NC	PLYMOUTH	52737	240A	WPNC-FM	BLH-19810914AU	47.34	269
133	NH	JACKSON	84239	258A	WEVJ	BMLD-20040706AAT	48.00	175
134	NM	CHAMA	84276	241C3	KZRM	BLH-20081120AEN	61.63	189
135	NV	SPARKS	48683	265A	KURK	BLH-19910830KB	57.81	19
136	NY	BUFFALO	34382	273B	WTSS	BLH-20020111AAW	97.29	344
137	NY	SYRACUSE	50514	226B	WNTQ	BMLH-20000606AAN	88.97	8
138	NY	SYRACUSE	48725	233B	WYYY	BMLH-20120607ADA	90.96	340
139	OR	ENTERPRISE	70756	221A	KWVR-FM	BLH-20030214ABJ	48.02	328
140	OR	THE DALLES	185138	268C3	KDOA	BNPED-20100226AJW	67.94	60
141	PA	JOHNSTOWN	72965	238B	WFGI-FM	BLH-19880927KA	93.55	282

142	PA	WILLIAMSPORT	15326	274B	WKS	BMLH-20030625ACG	91.62	140
143	TN	ERWIN	71481	280A	WXS	BLH-20101116AJB	48.87	295
144	UT	SMITHFIELD	38274	280A	KGNT	BLH-20121214ABK	47.68	243
145	WA	CASHMERE	5285	294A	KWWX	BLH-19931112KC	50.07	139
146	WA	CLELUM	87569	262A	KXAA	BLH-20130925AJN	46.53	134
147	WA	COLVILLE	49196	221A	KCRK-FM	BLH-20050620ADF	51.08	275
148	WA	EAST WENATCHEE	63883	249A	KYSN	BLH-20091015ABA	52.22	102
149	WA	EATONVILLE	3915	285C3	KKBW	BLH-20020117AAM	59.20	345
150	WA	MANSON	162412	234C3	KZAL	BLH-20070201BRH	66.95	100
151	WA	ROCK ISLAND	63882	258A	KAAP	BMLH-20070220AAV	51.25	102
152	WY	DAYTON	189506	272C3	KOWY	BLH-20120502ABH	63.25	55

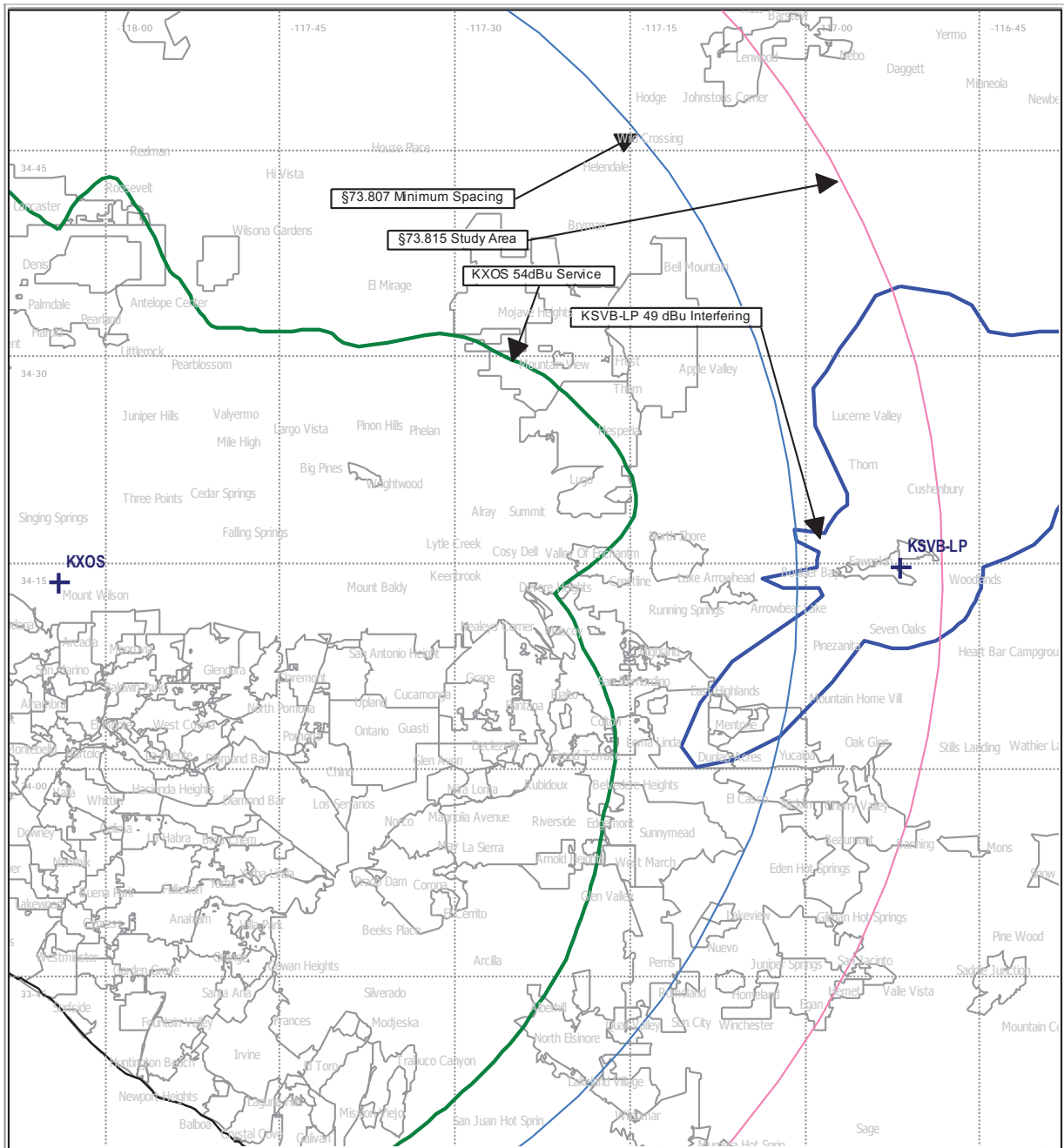
APPENDIX F

**LPFM STATIONS SUBJECT TO PROPOSED \$73.815
CONTOUR OVERLAP STUDIES FOR
UPGRADE TO LP-250**

1. CA BIG BEAR CITY		193717 KSVB-LP	BEAR VALLEY SENIORS AND VETERANS ASSISTANCE, INC.
2. CA BIG BEAR LAKE	FH	193597 KVBB-LP	BIG BEAR THEATER INC.
3. CA BIG BEAR LAKE	FH	124259 KWBB-LP	MOUNTAIN MINISTRIES
4. CA FRAZIER PARK	FH	194173 KFPP-LP	RIDGE ROUTE COMMUNITIES MUSEUM AND HISTORICAL SOCIETY
5. CA FRAZIER PARK	FH	196045 KWDB-LP	TRICOUNTY WATCHDOGS
6. CA FRESNO		195234 NEW	IDEFUA FOUNDATION FOR AFRICAN ARTS AND CULTURE
7. CA FRESNO		197019 NEW	DOWNTOWN ASSOCIATION OF FRESNO
8. CA LAKE ELSINORE		193349 KJNI-LP	JENNIFER SMART FOUNDATION
9. CA LOMPOC		191955 KPEG-LP	CITY OF LOMPOC
10. CA OJAI	FH	191990 KOVY-LP	OJAI COMMUNITY RADIO
11. CA OXNARD		194972 NEW	MIXTECO/INDIGENA COMMUNITY ORGANIZING PROJECT
12. CA REDLANDS	FH	197037 KLLQ-LP	THE JOSIAH MINISTRY
13. CA ROSAMOND	FH	192363 KWUH-LP	BLUVTH MUZICK RADIO
14. CA TURLOCK		123909 KEFC-LP	EVANGELICAL FREE CHURCH OF TURLOCK
15. CA VENTURA	FH	195141 NEW	COMMUNITY ACCESS PARTNERS OF SAN BUENAVENTURA
16. CA WEST SACRAMENTO		194136 NEW	WEST SACRAMENTO NEIGHBORS FAIR
17. MI CEDAR LAKE		127139 WGLN-LP	GREAT LAKES ADVENTIST ACADEMY
18. NY BINGHAMTON		132127 WLRP-LP	LATTER RAIN NETWORK, INC.
19. NY PULTENEY	FH	194152 WQKA-LP	KEUKA BROADCASTERS, INC.

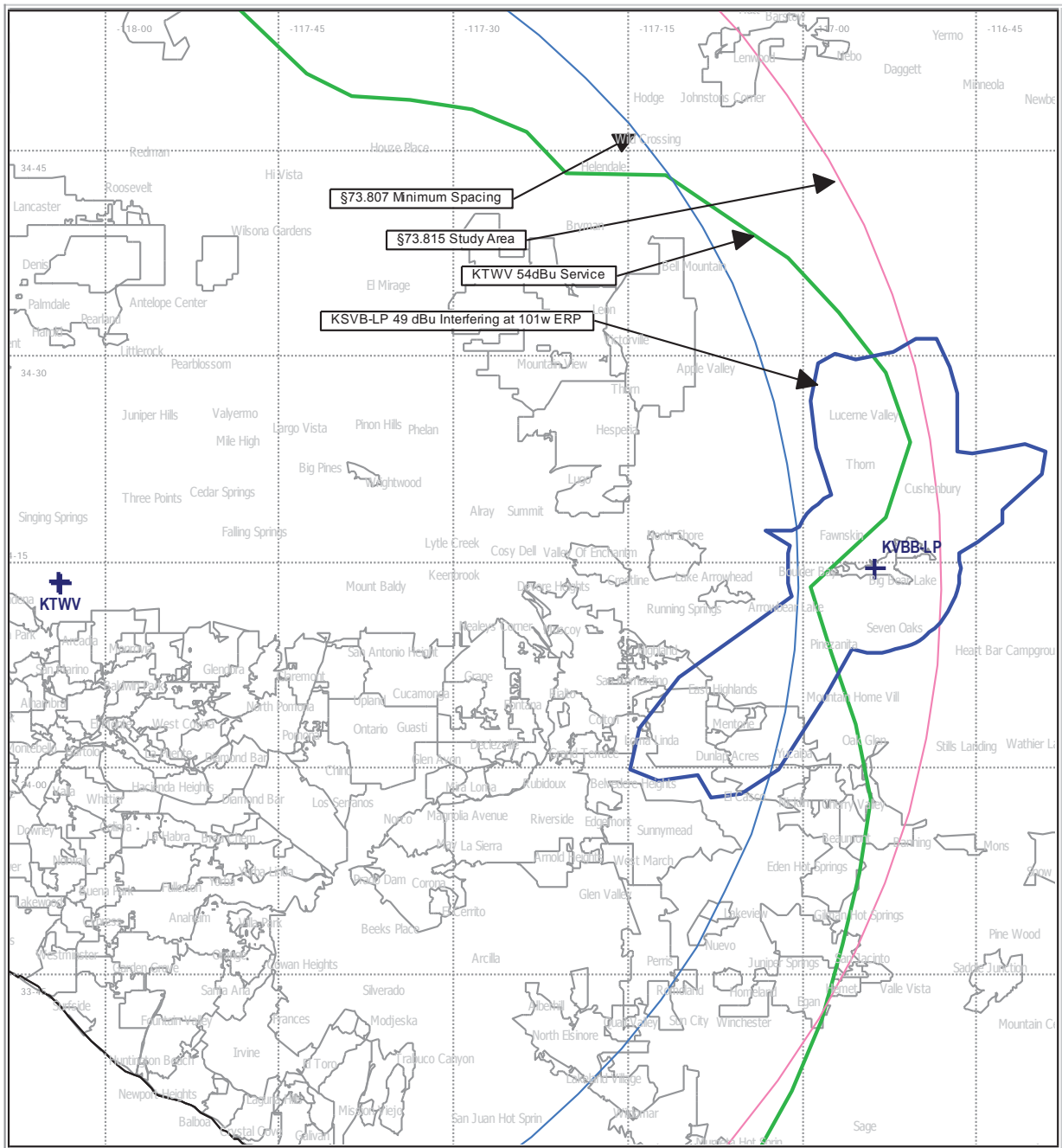
FH = STATION ALREADY ON LIST OF FOOTHILL LPFM STATIONS. ALREADY REQUIRED TO PROVIDE CONTOUR OVERLAP STUDIES FOR UPGRADE TO LP-250.

KSVB-LP - Big Bear City, CA - LP250 ERP: 85w



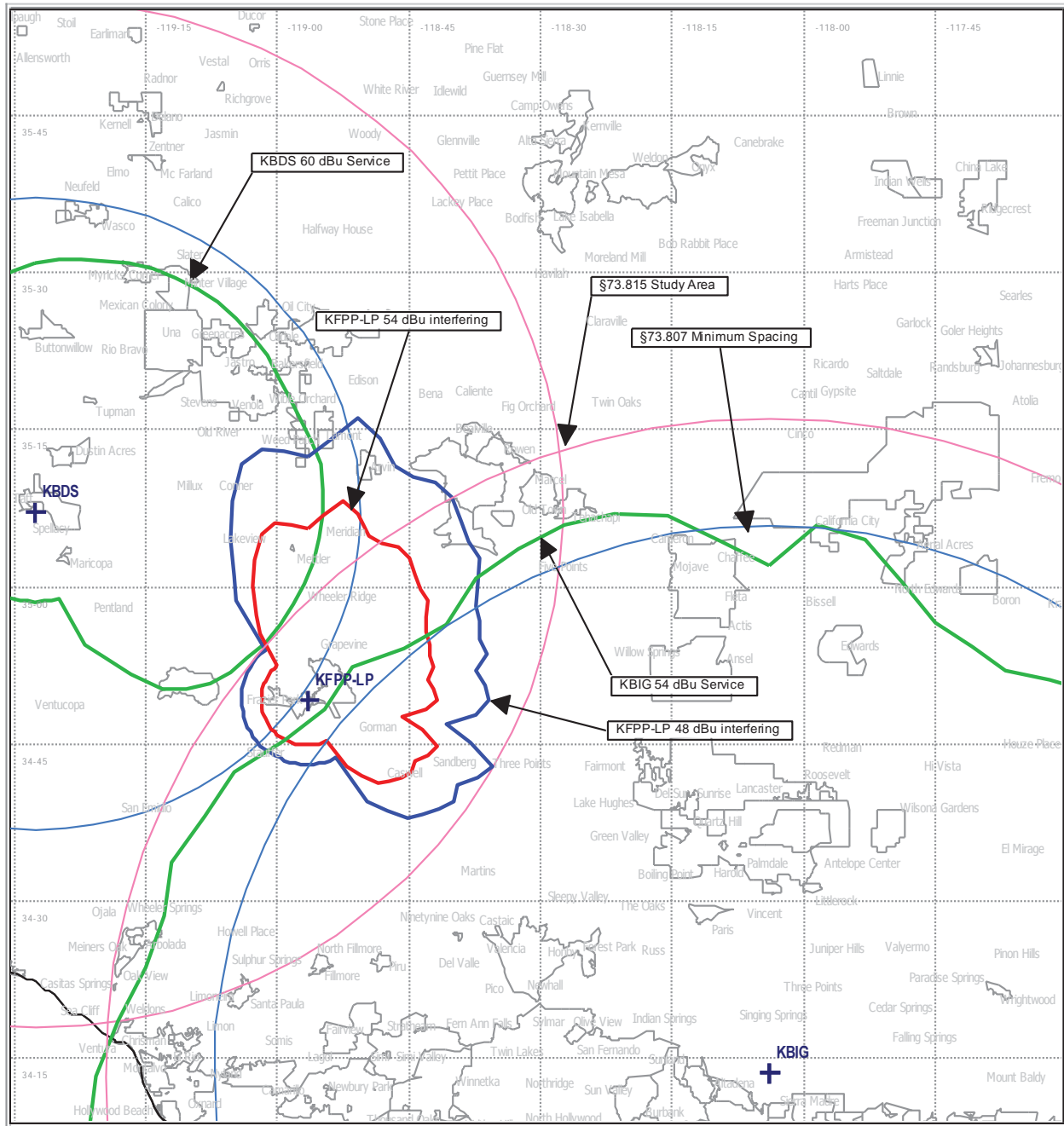
Station is eligible for upgrade at the full 85 watts ERP.

KVBB-LP - Big Bear City, CA - LP250 ERP: 250W



Due to overlap at minimum LP-250 ERP, station NOT eligible for upgrade.

KFPP-LP - Frazier Park, CA - LP250 ERP: 250W



Due to overlap with KBDS & KBIG at minimum LP-250 ERP (101w), KFPP-LP can NOT upgrade.

APPENDIX G

**COMPLETE STUDY ON ALL GRANTED LPFM FACILITIES
TO DETERMINE ABILITY TO UPGRADE
TO LP-250**

SEE DATA IN SEPARATE FILE

**An interactive version of this study is
also available at:**

<http://check.lp250.com>