

**Before the
Federal Communications Commission
Washington, D.C. 20554**

In re Matter of)	
)	
PIONEER LMDS, LLC)	File No. 0005224873
)	
Request for Extension of Time, or in the)	
alternative, Limited Waiver of Substantial Service)	
Requirements for Local Multipoint Distribution)	
Service Station WPOJ978 (Rome, GA))	
)	

MEMORANDUM OPINION AND ORDER

Adopted: October 12, 2012

Released: October 15, 2012

By the Deputy Chief, Broadband Division, Wireless Telecommunications Bureau:

I. INTRODUCTION

1. In this *Memorandum Opinion and Order*, we deny Pioneer LMDS, LLC's (Pioneer) request for extension of time to demonstrate substantial service for Local Multipoint Distribution Service (LMDS) license WPOJ978, Rome, Georgia, as well as its associated request for waiver of the June 1, 2012 substantial service deadline. Given our denial of this request, the license for Station WPOJ978 automatically terminated, by operation of Commission rule, as of June 1, 2012.

II. BACKGROUND

2. In 1997, the Commission allocated 1,300 megahertz of LMDS spectrum in each basic trading area ("BTA") across the United States.¹ Specifically, the Commission allocated two LMDS licenses per BTA – an "A Block" and a "B Block" license in each.² The A Block license is comprised of 1,150 megahertz of total bandwidth, and the B Block license is comprised of 150 megahertz of total bandwidth.³

¹ See Rulemaking to Amend Parts 1, 2, 21, and 25 of the Commission's Rules to Redesignate the 27.5 GHz Frequency Band, to Reallocate the 29.5-30.0 GHz Frequency Band, to Establish Rules and Policies For Local Multipoint Distribution Service and For Fixed Satellite Services, CC Docket No. 92-297, *Second Report and Order, Order on Reconsideration and Fifth Notice of Proposed Rulemaking*, 12 FCC Rcd 12545, 12605 ¶ 136 (1997) ("*Second LMDS Report and Order*"); see also Rand McNally Commercial Atlas & Marketing Guide 36-39 (123rd ed. 1992). Rand McNally is the copyright owner of the Major Trading Area (MTA) and BTA Listings, which list the BTAs contained in each MTA and the counties within each BTA, as embodied in Rand McNally's Trading Area System MTA/BTA Diskette, and geographically represented in the map contained in Rand McNally's Commercial Atlas & Marketing Guide. The conditional use of Rand McNally copyrighted material by interested persons is authorized under a blanket license agreement dated February 10, 1994 and covers use by LMDS applicants. This agreement requires authorized users of the material to include a legend on reproductions (as specified in the license agreement) indicating Rand McNally ownership. The Commission has allocated the LMDS for operations in a total of 493 BTAs throughout the nation.

² See *Second LMDS Report and Order*, 12 FCC Rcd at 12556 ¶ 12.

³ See *id.*

The A Block consists of the sub bands 27.50-28.35 GHz (the A1 Band); 29.10-29.25 GHz (the A2 Band); and 31.075-31.225 GHz (the A3 Band).⁴ The B Block consists of the sub bands 31.00-31.075 (the B1 Band) and 31.225-31.30 GHz (the B2 Band).⁵ The same entity may hold the licenses for both the A and B Blocks of spectrum in an individual BTA, but each license is auctioned and licensed separately.

3. LMDS licensees are regulated under Part 101 of the Commission's rules, which generally governs terrestrial microwave operations, and may provide any service consistent with the Commission's Rules and the licensee's regulatory status,⁶ subject to a ten-year term from the initial license grant date.⁷ At the end of the ten-year period, licensees are required to submit an acceptable showing to the Commission demonstrating that they are providing "substantial service" in each licensed area.⁸ Failure by any licensee to meet this requirement will result in forfeiture of the license and the licensee will be ineligible to regain it.⁹

4. The final LMDS band allocation was adopted by the Commission on March 20, 1997.¹⁰ Since allocating the LMDS spectrum, the Commission has thus far held two LMDS auctions: Auction 17 and Auction 23.¹¹ Auction No. 23, the second LMDS auction, began on April 27, 1999, and closed on May 12, 1999.¹² The license for Station WPOJ978 was originally issued to Pioneer Consolidated, Inc. on August 5, 1999 as a result of Auction No. 23.¹³ The license was then assigned to Pioneer through a *pro forma* assignment on November 8, 2004.¹⁴

5. Pioneer was originally required to demonstrate substantial service by August 5, 2009, or 10 years after the initial license grant date.¹⁵ On June 13, 2007, Pioneer filed an application for an extension of time to demonstrate substantial service for Station WPOJ978.¹⁶ On April 11, 2008, the Wireless Telecommunications Bureau (the "Bureau") granted the requests for extension of the construction deadlines filed by a large group of LMDS licensees – including Pioneer – to extend their

⁴ See 47 C.F.R. § 101.1005.

⁵ See *id.*

⁶ See 47 C.F.R. § 101.1013(b).

⁷ See *Second LMDS Report and Order*, 12 FCC Rcd at 12657 ¶ 259. Pursuant to 47 C.F.R. § 101.67, LMDS licenses are issued for a period not to exceed ten years, subject to renewal upon demonstration of substantial service.

⁸ See 47 C.F.R. § 101.1011(a); see also *Second LMDS Report and Order*, 12 FCC Rcd at 12658 ¶¶ 261-262.

⁹ See 47 C.F.R. § 101.1011(a).

¹⁰ See *Second LMDS Report and Order*, 12 FCC Rcd at 12556 ¶ 13; see also Rulemaking to Amend Parts 1, 2, 21, and 25 of the Commission's Rules to Redesignate the 27.5 GHz Frequency Band, to Reallocate the 29.5-30.0 GHz Frequency Band, to Establish Rules and Policies For Local Multipoint Distribution Service and For Fixed Satellite Services, CC Docket No. 92-297, *First Report and Order and Fourth Notice of Proposed Rulemaking*, 11 FCC Rcd 19005, 19025 ¶ 45 (1996) (allocating the initial 1 GHz of spectrum for LMDS and seeking comment on the allocation of an additional 300 MHz of spectrum at 31.0-31.3 GHz).

¹¹ See, e.g., LMDS Auction Closes, *Public Notice*, 13 FCC Rcd 18217 (1998) (*Auction 17 Closing PN*); Local Multipoint Distribution Service Auction Closes, *Public Notice*, 14 FCC Rcd 8543 (1999) (*Auction 23 Closing PN*).

¹² See *Auction 23 Closing PN*.

¹³ See File No. 0000014441 (granted Aug. 5, 1999). See also FCC Announces the Conditional Grant of 127 Local Multipoint Distribution Service Licenses, *Public Notice*, 14 FCC Rcd 13200 (WTB 1999).

¹⁴ See File Nos. 0001874630 (filed Sep. 17, 2004, consented to Oct. 21, 2004), 0001928401 (filed Nov. 9, 2004).

¹⁵ See *Second LMDS Report and Order*, 12 FCC Rcd at 12657 ¶ 259.

¹⁶ File No. 0003068194 (filed June 13, 2007).

deadlines to meet the substantial service requirements to June 1, 2012, resulting in a nearly four-year construction extension for each of these licensees.¹⁷ The Bureau found that these LMDS licensees faced factors beyond their control, including difficulties in obtaining viable and affordable equipment, that warranted an extension.¹⁸ In making this finding, the Bureau noted that the licensees seeking relief from the construction deadlines represented a majority of LMDS licensees for whom buildout requirements were approaching, and that they all faced these same basic obstacles to timely construction.¹⁹ Thus, these obstacles were not a product of an individual licensee's short-sightedness or its unfortunate business decisions; rather, the difficulties in procuring the basic equipment necessary for LMDS operations were widespread, stemming from the state of the market. Based on the record evidence, the Bureau anticipated that various developments in the market – arising in large part from the rollout of new services that could provide opportunities for LMDS operations – would help rectify these difficulties. Thus, the Bureau found that Pioneer and others could potentially use their LMDS licenses to provide wireless backhaul services to licensees in the 700 MHz band, the Advanced Wireless Services-1 (“AWS-1”) band, and other bands suitable for mobile broadband service, all of which at that time had recently been auctioned, licensed, or put into use.²⁰ The Bureau anticipated that these bands would develop robustly, along with other mobile and fixed wireless services, and that resulting opportunities for associated LMDS service (such as wireless backhaul) would help spur production of equipment designed for LMDS use and thus facilitate timely construction by Pioneer and the other LMDS licensees, under the extended buildout deadline set by the Bureau.²¹

6. On May 18, 2012, Pioneer filed an application pursuant to Section 1.946(e) of the Commission's Rules seeking a further 18 month extension of time until December 1, 2013, to construct Station WPOJ978.²² Invoking the Commission's general waiver authority under Section 1.925 of the Commission's Rules, Pioneer alternatively seeks a waiver of Section 101.1011(a) of the Commission's Rules, as a means of extending the construction deadline applicable to the licenses until December 1, 2013.²³ Pioneer explains that it has not built out its LMDS license because “difficulties in obtaining viable, affordable equipment” and because of “the lack of demand” for wireless backhaul services in Pioneer's service area.²⁴ Pioneer anticipates that demand for LMDS as wireless backhaul services will change as 4G services are increasingly deployed.²⁵ Pioneer argues that while it could construct a system to “save” the license, it describes that action as “wasteful and inefficient.”²⁶ “Pioneer believes that the

¹⁷ Applications filed by Licensees in the Local Multipoint Distribution Service (LMDS) Seeking Waivers of Section 101.1011 of the Commission's Rules and Extensions of Time to Construct and Demonstrate Substantial Service, *Memorandum Opinion and Order*, 23 FCC Rcd 5894 (WTB 2008) (*LMDS Order*).

¹⁸ *LMDS Order*, 23 FCC Rcd at 5905 ¶ 24.

¹⁹ *Id.*

²⁰ *Id.* at 5905 ¶ 25.

²¹ *Id.*

²² See File No. 0005224873 (filed May 18, 2012) (Extension Application). With the Extension Application, Pioneer filed an exhibit entitled “Request for Limited Waiver and Extension” (Extension and Waiver Request).

²³ Extension and Waiver Request at 1.

²⁴ Extension and Waiver Request at 2.

²⁵ Extension and Waiver Request at 2.

²⁶ Extension and Waiver Request at 2.

LMDS equipment market is improving and is actively looking to purchase the equipment necessary to deploy affordable point-to-point wireless backhaul services within the next 18 months.”²⁷

III. DISCUSSION

7. We find that Pioneer has not justified grant of an extension of time, or waiver of the construction deadline, for its LMDS license. And without such extension or waiver, Pioneer’s license for Station WPOJ978 has automatically cancelled, by operation of Sections 1.946(c) and 1.955(a)(2) of the Commission’s Rules, as of June 1, 2012.²⁸ We discuss these findings in detail below.

A. Extension Request

8. Pioneer requests a further eighteen month extension of time to demonstrate substantial service until December 1, 2013.²⁹ As noted above, this is the second extension that Pioneer has requested for constructing these licenses. To be eligible for an extension of time to construct, Pioneer must show that its “failure to meet the construction deadline is due to involuntary loss of site or other causes beyond its control.”³⁰ We conclude that Pioneer has not met this threshold.

9. Pioneer argues that it has not constructed because of difficulties in obtaining LMDS equipment for backhaul and because there is no demand for using LMDS for wireless backhaul. The Commission has consistently found that a licensee’s own business decisions are not circumstances beyond the licensee’s control and are therefore not an appropriate basis for regulatory relief.³¹ In view of this precedent, we find that none of the factors cited by Pioneer demonstrate that its failure to construct was caused by circumstances beyond its control.

10. First, we find that the pace of the development of the market for LMDS equipment wireless backhaul, by itself, does not justify granting an extension, because Pioneer has had other ways to develop its service independent of the backhaul market. Thus, its decision to put its LMDS spectrum on the shelf until the market for wireless backhaul improved constituted a business decision voluntarily made

²⁷ Extension and Waiver Request at 3.

²⁸ 47 C.F.R. §§ 1.946(c) (providing that if a licensee in the Wireless Radio Services fails to commence service or operations by the expiration of its construction period or to meet its coverage or substantial service obligations by the expiration of its coverage period, its authorization terminates automatically, without specific Commission action, on the date the construction or coverage period expires) and 1.955(a)(2) (cross-referencing Section 1.946(c) and reiterating that authorizations in the Wireless Radio Services automatically terminate without specific Commission action, if the licensee fails to meet applicable construction or coverage requirements).

²⁹ Extension and Waiver Request at 1.

³⁰ 47 C.F.R. § 1.946(e)(1).

³¹ See, e.g., Redwood Wireless Minnesota, LLC, *Order*, 17 FCC Rcd 22416 (WTB CWD 2002) (construction delays resulting from business disputes were exercise of business judgment and were not outside Petitioner’s control); Eldorado Communications LLC, *Order*, 17 FCC Rcd 24613 (WTB CWD 2002) (licensee’s determination to initially deploy TDMA system and subsequently to adopt GSM with months remaining before construction deadline was business decision within its control); Bristol MAS Partners, *Order*, 14 FCC Rcd 5007 (WTB PSPWD 1999) (equipment installation or delivery not delayed for some unique reason and licensee failing to obtain equipment was business decision); AAT Electronics Corporation, 93 FCC 2d 1034 (1983) (decision not to market service aggressively because of equipment uncertainties is within licensee’s control); Business Radio Communications Systems, Inc., 102 FCC 2d 714 (1985) (construction delay caused by zoning challenge not a circumstance beyond licensee’s control); Texas Two-Way, Inc., 98 FCC 2d 1300 (1984), *aff’d sub nom.*, *Texas Two-Way, Inc. v. FCC*, 762 F.2d 138 (D.C. Cir. 1985) (licensee is responsible for delay resulting from interference caused by construction adjacent to construction site because site selection was an independent business decision).

by Pioneer, not an inevitable result of circumstances beyond its control. Moreover, even if wireless backhaul presented the only feasible use of LMDS spectrum, Pioneer's justification for additional construction time would fail, insofar as the market for wireless backhaul has been developing steadily. In 2005, 8.7 percent of backhaul traffic was sent by fixed wireless.³² By 2009, that figure increased to 12.3 percent.³³ Despite that fact, Pioneer has made no attempt to incorporate LMDS spectrum into its backhaul plans. Furthermore, Pioneer does not attempt to show that it made any active attempt to develop LMDS equipment, either through its own efforts or by working with equipment suppliers. Finally, we note that many LMDS licensees did meet the June 1, 2012 deadline and built facilities.³⁴ Under those circumstances, we conclude that Pioneer made a voluntary decision not to actively pursue development of LMDS facilities.

11. We find that Pioneer, which made no attempt to commence construction of its LMDS licenses in advance of the construction deadline, is readily distinguishable from several other licensees that attempted to build out their licenses prior to the deadline and that ordered equipment but failed to receive timely delivery of that equipment. Pioneer chose not to build facilities in advance of the deadline. Thus, its failure to construct its licenses was the result of its own business decision. Furthermore, these licensees requested extensions of six months or less, while Pioneer is requesting an 18 month extension.

12. In that regard, Pioneer's situation is readily distinguishable from 2 Lightspeed LP, which received an extension of time for four LMDS licenses from the Division.³⁵ Unlike Pioneer, Lightspeed had made significant progress toward the construction benchmarks, having built out the majority of its LMDS licenses prior to the June 1, 2012 deadline.³⁶ However, this progress was impeded when one of the two key partners in the venture was medically incapacitated.³⁷ Furthermore, 2 Lightspeed only requested a nine month extension, which is half the time Pioneer is seeking.

13. As noted above, when the Bureau granted an extension to LMDS licensees in 2008, it anticipated that licensees could potentially provide wireless backhaul services to licensees in bands that had recently been auctioned, licensed, or put into use.³⁸ In the years since the Bureau originally extended the construction deadline for these licenses, there has been considerable deployment of wireless broadband service in the 700 MHz, AWS-1 and BRS/EBS bands. Thus, the validity of one of the factors supporting the Bureau's earlier extension of the construction deadline – that with some additional time, productive opportunities for using LMDS licenses would develop as these emerging wireless broadband services create a need for supporting backhaul service – has been substantially confirmed. Notwithstanding that progress, Pioneer made no meaningful attempt to develop its LMDS spectrum. We therefore conclude that the decision to grant an extension to LMDS licensees in 2008 does not support Pioneer's request for yet more time.

³² See Implementation of Section 6002(b) of the Omnibus Budget Reconciliation Act of 1993 Annual Report and Analysis of Competitive Market Conditions With Respect to Mobile Wireless, Including Commercial Mobile Services, WT Docket No. 10-133, *Fifteenth Report*, 26 FCC Rcd 9664, 9845 ¶ 320 (2011).

³³ *Id.* In a separate proceeding, Clearwire Corporation has indicated that it uses wireless for over 90 percent of its backhaul needs, including almost 13,000 licenses with over 48,000 paths. See Comments of Clearwire Corporation, WT Docket No. 12-156 (filed July 19, 2012) at 2.

³⁴ As of October 3, 2012, the Broadband Division had accepted 67 LMDS buildout notifications from at least 18 different licensees. Another 221 showings were pending and undergoing review.

³⁵ See File Nos. 0005222510-0005222513 (filed May 17, 2012, granted July 23, 2012).

³⁶ See File Nos. 0005245422, 0005245426, 0005257919, 0005257935, 0005257944 (filed June 1 and 11, 2012).

³⁷ Request for Limited Extension, 2 Lightspeed LP (filed May 17, 2012) at 7-8.

³⁸ *LMDS Order*, 23 FCC Rcd at 5905 ¶ 25.

B. Waiver Request

14. To be granted a waiver of the June 1, 2012 construction deadline, Pioneer must show that either (1) the underlying purpose of the rule(s) would not be served or would be frustrated by application to the instant case, and that a grant of the requested waiver would be in the public interest; or (2) in view of the unique or unusual circumstances of the instant case, application of the rule(s) would be inequitable, unduly burdensome or contrary to the public interest, or the applicant has no reasonable alternative.³⁹ As is discussed more fully below, we conclude that Pioneer has failed to make the requisite showing, and we therefore deny its waiver request.

15. First, we conclude that an extension would be inconsistent with the underlying purpose of the substantial service standard, which, as the Commission has said, is to provide “a clear and expeditious accounting of spectrum use by licensees to ensure that service is being provided to the public.”⁴⁰ Pioneer claims it is not warehousing spectrum and that it is “actively explore investing in the deployment of new technologies and services.”⁴¹ We do not find that Pioneer acted diligently in light of the increasing deployment of advanced services, including in the Rome, Georgia area, and the fact that other licensees were able to make the business case to build their facilities. Granting Pioneer a further extension despite its lack of effort in attempting to develop its LMDS spectrum would be inconsistent with the underlying purpose of the substantial service requirement.

16. We also conclude that Pioneer has not shown that requiring it to comply with the substantial service requirements is inequitable, unduly burdensome, and contrary to the public interest. As we have previously discussed, Pioneer’s decision not to construct its LMDS licenses was a business decision. Other licensees made other business decisions that led them to build out their licenses. While we agree with Pioneer of the importance of spectrum for wireless backhaul, we believe that importance supports our action cancelling licenses when licensees have not been diligent in building out their licenses.

17. Pioneer argues that it would not be in the public interest to require it to build facilities for the sole purpose of meeting the substantial service deadline.⁴² Because this argument could be used to

³⁹ See 47 C.F.R. § 1.925(b)(3); see also *Northeast Cellular Telephone Co. v. FCC*, 897 F.2d 1164, 1166 (D.C. Cir. 1990); *WAIT Radio v. FCC*, 418 F.2d 1153 (D.C. Cir. 1969), *aff’d*, 459 F.2d 1203 (1972), *cert. denied*, 409 U.S. 1027 (1972); 47 C.F.R. § 1.3.

⁴⁰ See Amendment of Part 101 of the Commission’s Rules to Facilitate the Use of Microwave for Wireless Backhaul and Other Uses and to Provide Additional Flexibility to Broadcast Auxiliary Service and Operational Fixed Microwave Licensees, WT Docket No. 10-153, *Second Report and Order, Second Further Notice of Proposed Rulemaking, Second Notice of Inquiry, Order on Reconsideration, and Memorandum Opinion and Order*, 27 FCC Rcd 9735, 9773-9774 ¶ 104 (2012) (“*Wireless Backhaul 2nd R&O*”), *citing* 39 GHz R&O, 12 FCC Rcd at 18623 ¶ 42; see also 39 GHz R&O, 12 FCC Rcd at 18625 ¶ 46 (“This approach will permit flexibility in system design and market development, while ensuring that service is being provided to the public.”); 39 GHz R&O, 12 FCC Rcd at 18626 ¶ 46 (“This revised performance standard should ensure that meaningful service will be provided without unduly restricting service offerings.”); 39 GHz R&O, 12 FCC Rcd at 18625 ¶ 47 (“[A]pplying a similar performance requirement to all licensees at the license renewal point will help establish a level playing field without compromising the goals of ensuring efficient spectrum use and expeditious provision of service to the public.”); *Renewal of Licenses to Provide Microwave Service in the 38.6 – 40.0 GHz Band, Memorandum Opinion and Order*, 17 FCC Rcd 4404, 4407 ¶ 11 (WTB PS&PWD 2002) (“The Commission’s overarching purpose behind adopting the substantial service standard for renewal was to ensure that the spectrum was being used to provide service to the public.”).

⁴¹ Extension and Waiver Request at 3.

⁴² Extension and Waiver Request at 3.

justify virtually every failure to construct, granting an extension of the construction deadlines on this basis would undermine the efficacy of construction deadlines generally, eliminating the incentive for timely construction and the expeditious provision of service to the public. Thus, Pioneer's argument ignores the broader ramifications of its position: that grant of its request for an extension of time to construct would ultimately serve to defeat the fact that the Commission also has a strong fundamental public interest of ensuring licensee compliance with public interest obligations, including the duty to follow rules designed to bring service to the public as expeditiously as possible in ensuring that licensees expeditiously provide service to the public.

18. Authorizations for LMDS licenses automatically terminate if the licensee fails to meet construction or coverage requirements.⁴³ In light of our decision to deny Pioneer's request for an extension or waiver of the construction requirements, Pioneer's license for Station WPOJ978 automatically terminated, by operation of Sections 1.946(c) and 1.955(a)(2) of the Commission's Rules,⁴⁴ as of June 1, 2012.

IV. CONCLUSION AND ORDERING CLAUSES

19. Pioneer has failed to justify an extension of time to meet the substantial service deadline for its LMDS stations or to justify a waiver of the June 1, 2012 deadline for establishing substantial service. We therefore deny the Extension and Waiver Request. Accordingly, Pioneer's license to operate LMDS Station WPOJ978 automatically terminated, by operation of Commission rule, as of June 1, 2012.

20. Accordingly, IT IS ORDERED, pursuant to Sections 4(i) and 309 of the Communications Act of 1934, as amended, 47 U.S.C. §§ 154(i), 309, and Sections 1.925 and 1.946 of the Commission's Rules, 47 C.F.R. §§ 1.925, 1.946, that the request for waiver and the application for extension of time to demonstrate substantial service (File No. 0005224873) filed by Pioneer LMDS, LLC on May 18, 2012 IS DENIED.

⁴³ See 47 C.F.R. § 1.955(a)(2).

⁴⁴ *Id.*

21. IT IS FURTHER ORDERED that, pursuant to Sections 4(i) and 303(r) of the Communications Act, as amended, 47 U.S.C. §§ 154(i), 303(r), and Section 1.955(a)(2) of the Commission's Rules, 47 C.F.R. § 1.955(a)(2), that the Universal Licensing System SHALL BE UPDATED to reflect that the license issued to Pioneer LMDS, LLC for Local Multipoint Distribution Service Station WPOJ978 TERMINATED as of June 1, 2012.

22. These actions are taken under delegated authority pursuant to Sections 0.131 and 0.331 of the Commission's Rules, 47 C.F.R. §§ 0.131, 0.331.

FEDERAL COMMUNICATIONS COMMISSION

John J. Schauble
Deputy Chief, Broadband Division
Wireless Telecommunications Bureau