



Nadja S. Sodos-Wallace  
Senior Regulatory Counsel, Assistant Secretary  
815 Connecticut Avenue, NW  
Suite 610  
Washington, DC 20006  
(202)330-4011  
[www.clearwire.com](http://www.clearwire.com)

September 10, 2009

**WT Docket No. 06-136**

Office of the Secretary  
Federal Communications Commission  
The Portals  
445 Twelfth Street, S.W.  
12th Street Lobby, TW-A325  
Washington, DC 20554

**RE:** Fixed Wireless Holdings, LLC – Request for Waiver  
Transition of the 2500-2690 MHz Band for BRS and EBS  
Transition Area: BTA Number 477: Willmar-Marshall, MN

Dear Ms. Dortch:

On November 15, 2007, Fixed Wireless Holdings, LLC, a wholly-owned subsidiary of Clearwire Corporation (together “Clearwire”), filed its Transition Initiation Plan for BTA Number 477: Willmar-Marshall, MN. Pursuant to the Commission’s Rules, the Transition was supposed to be completed by August 14, 2009. Clearwire is filing this Request for Waiver for two reasons: (1) to respond to an August 28, 2009 email from Andy Lopez, President of Info Link Wireless (“Info Link”), to a number FCC Commissioners and Congressional staff with respect to Clearwire’s attempts to complete the Transition; and (2) to request an additional six months in which to complete the Transition due to unresolved issues caused by Info Link’s intransigence in completing the Transition.<sup>1</sup> A copy of this Request for Waiver is being served on the parties to the Transition.<sup>2</sup>

As required pursuant to Section 27.1231(c)(ii) of the Commission’s rules, Clearwire sent a Pre-Transition Data Request to “every BRS and EBS licensee in the BTA, using the contact information in the Commission’s Universal Licensing System Database.” (Copy attached hereto as Attachment 1). See 47 CFR § 27.1231(c)(ii). With the exception of West Central Minnesota Educational TV Corp. (“West Central”), licensee of EBS Station WHR678, Clearwire received responses to its Pre-Transition Data Request from all of the EBS and BRS licensees in the market. On November 15, 2007, based on the information contained in the responses, Clearwire filed its Transition Initiation Plan with the Commission and sent its Transition Notice to all of the licensees in the BTA, including West Central, as required under the rules. (Copy attached hereto

<sup>1</sup> To the extent necessary, Clearwire requests a waiver of Section 27.1235 concerning the filing of its Post-Transition notification. Although the rules do not specify how long a party has to file its Post-Transition Notification, in this case, the rules required that the Transition be completed by August 14, 2009. Due to Clearwire’s difficulties in determining whether every licensee had taken the steps necessary to complete the transition, as described herein, it has been unable to file the required notification.

<sup>2</sup> Since Fixed Wireless Holdings, LLC is a wholly-owned subsidiary of Clearwire, copies of this request for waiver are not being separately served on that entity.



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as Attachment 2). See 47 CFR § 27.1231(c). Clearwire then prepared its Transition Plan and on January 14, 2008, Clearwire sent the Plan to all 2.5 GHz licensees, including West Central, within the Willmar-Marshall, MN BTA. (Copy attached hereto as Attachment 3). Clearwire received one counter proposal to its Transition Plan from Minnesota Valley TV Improvement Corporation, licensee of BRS Station WQDZ736, requesting a delay in the date by which that system would shut down video operations. Clearwire agreed to that request. No other counter proposals were received.

In Mid-2008, Clearwire received a call from Raymond Quianzon, representing Info Link, a commercial lessee of EBS spectrum licensed to West Central. Mr. Quianzon claimed that as a commercial lessee of spectrum from West Central, Clearwire should have included Info Link in its Transition planning and that Clearwire was responsible for the costs of Info Link's transition. Info Link's assertions are based on a fundamental misreading of the FCC's rules and the obligations that Clearwire assumed as the Transition Proponent. The rules require that the Transition include every BRS and EBS licensee in the BTA. See 47 CFR § 27.1231(c)(ii). The rules do not extend this obligation to commercial systems operated by EBS lessees such as Info Link. Indeed, there is no information about Info Link available on ULS with respect to EBS Station WHR678. Pursuant to the Commission's rules, Info Link, as a commercial entity, is not entitled to a cost-free Transition at Clearwire's expense. EBS licensees are the only entities entitled to a cost-free Transition, and to exercise this right, West Central was required under FCC rules to inform Clearwire of its needs in response to the Pre-Transition Data Request. Neither West Central nor Info Link responded to any of Clearwire's letters prior to Mid-2008, long after the deadline for filing responses to the Pre-Transition data request.

In May 2009, Clearwire employees had discussions with Mr. Lopez and Mr. Quianzon to determine whether Clearwire, acting as good neighbor, not as the Transition Proponent, might be able to assist Info Link with the Transition of its commercial system. Info Link indicated that because it considered Clearwire to be a competitor, it would not allow Clearwire to undertake the Transition work for the Station, nor would it provide Clearwire with more than minimal information. Again, acting as a good neighbor, not as the Proponent, Clearwire considered donating equipment to Info Link to help with the transition process, but determined that it was too expensive to do so. Clearwire reminded Info Link by email that the FCC mandated Transition deadline was August 14, 2009, and requested that Info Link notify Clearwire when the transition of the commercial data system operating on EBS Station WHR678 was completed. Clearwire followed up with Info Link and Mr. Quianzon by email on August 19 and August 28 (Copy of emails sent attached hereto as Attachment 4), but received no response until August 28 when Mr. Lopez took the unusual step of emailing Clearwire, with copies to members of Congress, the Chairman of the FCC and other Commissioners. In that email, Mr. Lopez made the following statements:

1. "In 2007, we invested \$21,000 to upgrade our base station on the promise that we would be reimbursed for that upgrade."



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Mr. Lopez has misread the Commission's rules. In fact, if Clearwire had made the upgrade pursuant to its role as Proponent, it would have been entitled to reimbursement from Info Link as the commercial lessee of EBS Station WHR678. See 47 C.F.R. §27.1237(b). Clearwire never promised to reimburse Info Link for its upgrades.

2. "We have now learned from the FCC that in 2007 there was a window for us to opt-out of this transition, but no one notified us, we never received any such notification from the FCC, the licensee of these frequencies or their legal counsel representative."

The Commission has stated over and over again that it is the obligation of those regulated by the agency to monitor its actions. Info Link can only blame itself for its failure to keep apprised of changes to the rules regulating EBS spectrum. In addition, Info Link, as a commercial broadband service provider would not have been eligible to opt-out of the Transition. The first requirement to be eligible to opt-out of the Transition is that the entity qualify as an MVPD. See 47 C.F.R. §27.1231(g). There is no indication that Info Link meets any of the qualifications of an MVPD and it would not have been entitled to an MVPD opt-out even if it or West Central had timely filed an opt out request.

3. "It is ironic to me, that every day I read in the press how Clearwire has \$2.5 billion to deploy 4G WIMAX services in all these cities throughout the nation but they and their allies that will use the extra spectrum cannot find a way to cover our \$75,000 equipment upgrade expense."

West Central and Info Link missed every transition related deadline established by the FCC. The Commission's rules state the following "BRS and EBS licensees that do not respond to the Pre-Transition Data Request within 45 days of its receipt may not object to the Transition Plan." See 47 C.F.R. §27.1231(d)(2). Neither West Central nor Info Link filed a counterproposal to Clearwire's Transition Plan. See 47 C.F.R. §27.1232(c). In addition, neither West Central nor Info Link responded to Clearwire's repeated attempts to confirm the status of the transition of Info Link's commercial operations.

In summary, despite Info Link's assertions to the contrary, Clearwire has no obligation to provide Info Link with the necessary equipment to complete the Transition, or to reimburse it for equipment that it has already purchased. Info Link should be required to complete the Transition process in an expeditious manner at its own expense and to cease abusing the clear, orderly steps that it is required to take under the FCC's rules to facilitate the Transition.

Based on the above, and the fact that Clearwire has still not obtained confirmation that the Transition for EBS Station WHR678 has been completed, it cannot complete the Transition of the market, or file its Transition Completion notice. To that end, Clearwire requests an additional six months to complete the Transition in BTA Number 477.



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815 Connecticut Avenue, NW  
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Washington, DC 20006  
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[www.clearwire.com](http://www.clearwire.com)

If there are any questions, please contact the undersigned at (202) 330-4011 or at [nadja.sodoswallace@clearwire.com](mailto:nadja.sodoswallace@clearwire.com).

Sincerely,

A handwritten signature in cursive script that reads "Nadja Sodos-Wallace".

Nadja S. Sodos-Wallace

cc (enc):John Schauble  
Lynn Ratnavale  
Consuela Kearney  
West Central Minnesota Educational TV Corp.  
Minnesota Tele-Media  
Minnesota Valley TV Improvement Corporation  
Andy Lopez, InfoLink Wireless  
Raymond Quianzon

**Attachment 1**

**PLEASE NOTE: FCC RULES REQUIRE YOU TO RESPOND TO THIS NOTICE WITHIN 45 DAYS**

February 5, 2007

Minnesota Valley TV Improvement Corporation  
PO Box A  
Granite Falls, MN 56241

**Re: FCC-Mandated License Transition of the 2.5GHz EBS and BRS Spectrum Band  
Call Sign: WQDZ736, Channel(s): BTA  
BTA #477, Willmar-Marshall, MN**

Dear Licensee:

Minnesota Valley TV Improvement Corporation is the licensee of FCC record for station WQDZ736, licensed to operate on EBS/BRS channel(s) BTA within the Willmar-Marshall, MN Basic Trading Area. The Federal Communications Commission ("FCC") issued a Report and Order in 2004 that adopted new rules and a new band plan for the Educational Broadband Service ("EBS") (formerly ITFS) and the Broadband Radio Service ("BRS")(formerly MDS). In April 2005, the FCC issued another Order further defining the process for transitioning existing EBS/BRS operations to the new band plan. This change will move your authorized channels to a new frequency assignment; you will not lose channels as part of this process. Clearwire has sent this notice to you in preparation to begin the band plan transition process. *Copies of these Orders can be found on Clearwire's Transition website at <http://www.clearwire.com/transition/>.*

These FCC Orders (collectively the "EBS-BRS Orders") direct that "proponents" will lead the transition from the old band plan to the new band plan. For each Basic Trading Area ("BTA"), a proponent will be responsible for initiating, planning and implementing the transition. Transition to a new band plan will promote growth and rapid deployment of innovative and efficient communications technologies and services through facilitating more flexible and efficient operations.

**Background:** In the EBS-BRS Order, the FCC divided the 2.5GHz spectrum band into three segments (the "Revised Band Plan"): the Lower Band, the Middle Band and the Upper Band. Pursuant to the Revised Band Plan, you will be reassigned spectrum that, in most cases, will include one channel in the Middle Band, and three channels in either of the Upper or Lower Bands. Under the FCC's rules, Fixed Wireless Holdings, LLC, a wholly-owned subsidiary of Clearwire Corporation, ("Clearwire") is eligible to, and plans to serve as the transition proponent for the BTA and/or an adjacent BTA corresponding to the area in which your license is located. Consistent with the EBS-BRS Order, Clearwire intends to propose a transition plan ("Transition Plan") for migrating the existing facilities of all EBS and BRS licensees in this geographic area, including your facilities licensed under call sign WQDZ736, to the FCC's newly adopted Revised Band Plan. Pursuant to Section 27.1231(d) of the FCC rules, your response to Pre-Transition Data Requests must be received within 45 days of receiving this request.

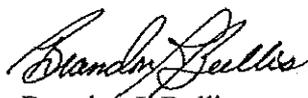
**Required Action:** In furtherance of Clearwire's desire to serve as a proponent and pursuant to Section 27.1231(f) of the FCC's rules, Clearwire is required by the FCC to obtain certain contact and technical information from you. To facilitate the transition to the more technically efficient Revised Band Plan and consistent with your FCC obligation to provide us with contact and technical information, please visit <http://www.clearwire.com/transition/> to download a Microsoft Excel™ workbook to populate the necessary information pertaining to your authorization, WQDZ736, licensed to Minnesota Valley TV Improvement Corporation. Detailed instructions on how to complete this request are contained in the Microsoft Excel™ workbook. If your station is not constructed or you otherwise wish to discontinue your video operations please complete only Step 1 in the Microsoft Excel™ workbook, making sure you answer "No" in Step 1 cell X2. The Clearwire site also includes a copy of the FCC's current rules outlining the transition process. A reference copy of your FCC license, call sign WQDZ736, which contains some of the information necessary to complete the PTDR can be easily retrieved on the web using the search utility in the FCC's public Universal License System database at <http://wireless2.fcc.gov/UlsApp/UlsSearch/searchLicense.jsp>. A convenient link to the FCC database search utility, and all other links referenced in this letter, are available at our transition web site: <http://www.clearwire.com/transition/>

Should you have any questions regarding this letter or the overall Pre-Transition Data Request ("PTDR") process, please feel free to contact Clearwire at [TransitionInfo@clearwire.com](mailto:TransitionInfo@clearwire.com) or Clearwire Corporation, 815 Connecticut Ave., NW, Suite 610, Washington, DC 20006. phone 202-351-5034, Facsimile 202-330-4008 and we will be happy to assist you in this effort.

Once you have completed your Pre-Transition Data Request, please email your completed Microsoft Excel™ workbook to [TransitionData@Clearwire.com](mailto:TransitionData@Clearwire.com). Pursuant to Section 27.1231(d) of the FCC rules, your response to this Pre-Transition Data Request must be received within 45 days of receiving this request.

Your cooperation in this mutually beneficial process is greatly appreciated.

Sincerely,



Brandon J. Bullis



Welcome David R Hollowell (Logout)

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<a href="#">Details</a>	71147336155001502274	WQDZ736 Minnesota Valley TV Improvement Corporation PO Box A Granite Falls MN 56241-0020	DELIVERED	2/2/2007 9:53:31 AM	2/7/2007 9:29:00 AM
<a href="#">Details</a>	71147336155001502342	WLX427 Spade Independent School District Attention: Jim Weatherly, Superintendent 100 Main Street PO Box 69 Spade TX 79369-0069	DELIVERED	2/2/2007 9:53:31 AM	2/12/2007 12:12:00 PM
<a href="#">Details</a>	71147336155001502359	WLX407 Hale Center Independent School District Attention: Walter W. Cox, Superintendent 103 West Cleveland PO Box 1210 Hale Center TX 79041-1210	DELIVERED	2/2/2007 9:53:31 AM	2/8/2007 9:58:00 AM
<a href="#">Details</a>	71147336155001502366	WLX486 Network for Instructional TV, Inc. Attention: Steven J. Gorski, President/CEO 11490 Commerce Park Dr Reston VA 20191-1557	DELIVERED	2/2/2007 9:53:31 AM	2/8/2007 12:26:00 PM
		WLX490 Network for Instructional TV, Inc. Attention: Steven J. Gorski, President/CEO		2/2/2007	2/8/2007 12:27:00

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71147336155001502274		NOTICE LEFT	2/7/2007 7:17:00 AM
71147336155001502274		DELIVERED	2/7/2007 9:29:00 AM

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**PLEASE NOTE: FCC RULES REQUIRE YOU TO RESPOND TO THIS NOTICE WITHIN 45 DAYS**

February 5, 2007

American Telecasting Development, Inc.  
2001 Edmund Halley Drive  
Reston, VA 20191

Attention: Robin Cohen

**Re: FCC-Mandated License Transition of the 2.5GHz EBS and BRS Spectrum Band  
Call Sign: B477, Channel(s): BTA  
BTA #477, Willmar-Marshall, MN**

Dear Licensee:

American Telecasting Development, Inc. is the licensee of FCC record for station B477, licensed to operate on EBS/BRS channel(s) BTA within the Willmar-Marshall, MN Basic Trading Area. The Federal Communications Commission ("FCC") issued a Report and Order in 2004 that adopted new rules and a new band plan for the Educational Broadband Service ("EBS") (formerly ITFS) and the Broadband Radio Service ("BRS") (formerly MDS). In April 2005, the FCC issued another Order further defining the process for transitioning existing EBS/BRS operations to the new band plan. This change will move your authorized channels to a new frequency assignment; you will not lose channels as part of this process. Clearwire has sent this notice to you in preparation to begin the band plan transition process. *Copies of these Orders can be found on Clearwire's Transition website at <http://www.clearwire.com/transition/>.*

These FCC Orders (collectively the "EBS-BRS Orders") direct that "proponents" will lead the transition from the old band plan to the new band plan. For each Basic Trading Area ("BTA"), a proponent will be responsible for initiating, planning and implementing the transition. Transition to a new band plan will promote growth and rapid deployment of innovative and efficient communications technologies and services through facilitating more flexible and efficient operations.

**Background:** In the EBS-BRS Order, the FCC divided the 2.5GHz spectrum band into three segments (the "Revised Band Plan"): the Lower Band, the Middle Band and the Upper Band. Pursuant to the Revised Band Plan, you will be reassigned spectrum that, in most cases, will include one channel in the Middle Band, and three channels in either of the Upper or Lower Bands. Under the FCC's rules, Fixed Wireless Holdings, LLC, a wholly-owned subsidiary of Clearwire Corporation, ("Clearwire") is eligible to, and plans to serve as the transition proponent for the BTA and/or an adjacent BTA corresponding to the area in which your license is located. Consistent with the EBS-BRS Order, Clearwire intends to propose a transition plan ("Transition Plan") for migrating the existing facilities of all EBS and BRS licensees in this geographic area, including your facilities licensed under call sign B477, to the FCC's newly adopted Revised Band Plan. Pursuant to Section 27.1231(d) of the FCC rules, your response to Pre-Transition Data Requests must be received within 45 days of receiving this request.

**Required Action:** In furtherance of Clearwire's desire to serve as a proponent and pursuant to Section 27.1231(f) of the FCC's rules, Clearwire is required by the FCC to obtain certain contact and technical information from you. To facilitate the transition to the more technically efficient Revised Band Plan and consistent with your FCC obligation to provide us with contact and technical information, please visit <http://www.clearwire.com/transition/> to download a Microsoft Excel™ workbook to populate the necessary information pertaining to your authorization, B477, licensed to American Telecasting Development, Inc.. Detailed instructions on how to complete this request are contained in the Microsoft Excel™ workbook. If your station is not constructed or you otherwise wish to discontinue your video operations please complete only Step 1 in the Microsoft Excel™ workbook, making sure you answer "No" in Step 1 cell X2. The Clearwire site also includes a copy of the FCC's current rules outlining the transition process. A reference copy of your FCC license, call sign B477, which contains some of the information necessary to complete the PTDR can be easily retrieved on the web using the search utility in the FCC's public Universal License System database at <http://wireless2.fcc.gov/UlsApp/UlsSearch/searchLicense.jsp>. A convenient link to the FCC database search utility, and all other links referenced in this letter, are available at our transition web site: <http://www.clearwire.com/transition/>

Should you have any questions regarding this letter or the overall Pre-Transition Data Request ("PTDR") process, please feel free to contact Clearwire at [TransitionInfo@clearwire.com](mailto:TransitionInfo@clearwire.com) or Clearwire Corporation, 815 Connecticut Ave., NW, Suite 610, Washington, DC 20006. phone 202-351-5034, Facsimile 202-330-4008 and we will be happy to assist you in this effort.

Once you have completed your Pre-Transition Data Request, please email your completed Microsoft Excel™ workbook to [TransitionData@Clearwire.com](mailto:TransitionData@Clearwire.com). Pursuant to Section 27.1231(d) of the FCC rules, your response to this Pre-Transition Data Request must be received within 45 days of receiving this request.

Your cooperation in this mutually beneficial process is greatly appreciated.

Sincerely,

  
Brandon J. Bullis

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February 5, 2007

Minnesota Tele-Media  
Southwest Minnesota State University, 1501 State Street  
Marshall, MN 56258

Attention: Daniel Baun

**Re: FCC-Mandated License Transition of the 2.5GHz EBS and BRS Spectrum Band  
Call Sign: WHR784, Channel(s): G1G2G3G4  
BTA #477, Willmar-Marshall, MN**

Dear Licensee:

Minnesota Tele-Media is the licensee of FCC record for station WHR784, licensed to operate on EBS/BRS channel(s) G1G2G3G4 within the Willmar-Marshall, MN Basic Trading Area. The Federal Communications Commission ("FCC") issued a Report and Order in 2004 that adopted new rules and a new band plan for the Educational Broadband Service ("EBS") (formerly ITFS) and the Broadband Radio Service ("BRS") (formerly MDS). In April 2005, the FCC issued another Order further defining the process for transitioning existing EBS/BRS operations to the new band plan. This change will move your authorized channels to a new frequency assignment; you will not lose channels as part of this process. Clearwire has sent this notice to you in preparation to begin the band plan transition process. *Copies of these Orders can be found on Clearwire's Transition website at <http://www.clearwire.com/transition/>.*

These FCC Orders (collectively the "EBS-BRS Orders") direct that "proponents" will lead the transition from the old band plan to the new band plan. For each Basic Trading Area ("BTA"), a proponent will be responsible for initiating, planning and implementing the transition. Transition to a new band plan will promote growth and rapid deployment of innovative and efficient communications technologies and services through facilitating more flexible and efficient operations.

**Background:** In the EBS-BRS Order, the FCC divided the 2.5GHz spectrum band into three segments (the "Revised Band Plan"): the Lower Band, the Middle Band and the Upper Band. Pursuant to the Revised Band Plan, you will be reassigned spectrum that, in most cases, will include one channel in the Middle Band, and three channels in either of the Upper or Lower Bands. Under the FCC's rules, Fixed Wireless Holdings, LLC, a wholly-owned subsidiary of Clearwire Corporation, ("Clearwire") is eligible to, and plans to serve as the transition proponent for the BTA and/or an adjacent BTA corresponding to the area in which your license is located. Consistent with the EBS-BRS Order, Clearwire intends to propose a transition plan ("Transition Plan") for migrating the existing facilities of all EBS and BRS licensees in this geographic area, including your facilities licensed under call sign WHR784, to the FCC's newly adopted Revised Band Plan. Pursuant to Section 27.1231(d) of the FCC rules, your response to Pre-Transition Data Requests must be received within 45 days of receiving this request.

**Required Action:** In furtherance of Clearwire's desire to serve as a proponent and pursuant to Section 27.1231(f) of the FCC's rules, Clearwire is required by the FCC to obtain certain contact and technical information from you. To facilitate the transition to the more technically efficient Revised Band Plan and consistent with your FCC obligation to provide us with contact and technical information, please visit <http://www.clearwire.com/transition/> to download a Microsoft Excel™ workbook to populate the necessary information pertaining to your authorization, WHR784, licensed to Minnesota Tele-Media. Detailed instructions on how to complete this request are contained in the Microsoft Excel™ workbook. If your station is not constructed or you otherwise wish to discontinue your video operations please complete only Step 1 in the Microsoft Excel™ workbook, making sure you answer "No" in Step 1 cell X2. The Clearwire site also includes a copy of the FCC's current rules outlining the transition process. A reference copy of your FCC license, call sign WHR784, which contains some of the information necessary to complete the PTDR can be easily retrieved on the web using the search utility in the FCC's public Universal License System database at <http://wireless2.fcc.gov/UlsApp/UlsSearch/searchLicense.jsp>. A convenient link to the FCC database search utility, and all other links referenced in this letter, are available at our transition web site: <http://www.clearwire.com/transition/>

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Sincerely,

  
Brandon J. Bullis


  
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Details	71147336155001502304	WLX993 Tatum Municipal School PO Box 685 Tatum NM 88267-0685	DELIVERED	2/2/2007 9:53:31 AM	2/14/2007 1:42:00 PM
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**PLEASE NOTE: FCC RULES REQUIRE YOU TO RESPOND TO THIS NOTICE WITHIN 45 DAYS**

February 5, 2007

West Central Minnesota Ed'l TV Corp.  
120 West Schlieman Avenue  
Appleton, MN 56208

Attention: Mr. John Panzer, Manager

**Re: FCC-Mandated License Transition of the 2.5GHz EBS and BRS Spectrum Band  
Call Sign: WHR678, Channel(s): C1C2C3C4  
BTA #477, Willmar-Marshall, MN**

Dear Licensee:

West Central Minnesota Ed'l TV Corp. is the licensee of FCC record for station WHR678, licensed to operate on EBS/BRS channel(s) C1C2C3C4 within the Willmar-Marshall, MN Basic Trading Area. The Federal Communications Commission ("FCC") issued a Report and Order in 2004 that adopted new rules and a new band plan for the Educational Broadband Service ("EBS") (formerly ITFS) and the Broadband Radio Service ("BRS")(formerly MDS). In April 2005, the FCC issued another Order further defining the process for transitioning existing EBS/BRS operations to the new band plan. This change will move your authorized channels to a new frequency assignment; you will not lose channels as part of this process. Clearwire has sent this notice to you in preparation to begin the band plan transition process. *Copies of these Orders can be found on Clearwire's Transition website at <http://www.clearwire.com/transition/>.*

These FCC Orders (collectively the "EBS-BRS Orders") direct that "proponents" will lead the transition from the old band plan to the new band plan. For each Basic Trading Area ("BTA"), a proponent will be responsible for initiating, planning and implementing the transition. Transition to a new band plan will promote growth and rapid deployment of innovative and efficient communications technologies and services through facilitating more flexible and efficient operations.

**Background:** In the EBS-BRS Order, the FCC divided the 2.5GHz spectrum band into three segments (the "Revised Band Plan"): the Lower Band, the Middle Band and the Upper Band. Pursuant to the Revised Band Plan, you will be reassigned spectrum that, in most cases, will include one channel in the Middle Band, and three channels in either of the Upper or Lower Bands. Under the FCC's rules, Fixed Wireless Holdings, LLC, a wholly-owned subsidiary of Clearwire Corporation, ("Clearwire") is eligible to, and plans to serve as the transition proponent for the BTA and/or an adjacent BTA corresponding to the area in which your license is located. Consistent with the EBS-BRS Order, Clearwire intends to propose a transition plan ("Transition Plan") for migrating the existing facilities of all EBS and BRS licensees in this geographic area, including your facilities licensed under call sign WHR678, to the FCC's newly adopted Revised Band Plan. Pursuant to Section 27.1231(d) of the FCC rules, your response to Pre-Transition Data Requests must be received within 45 days of receiving this request.

**Required Action:** In furtherance of Clearwire's desire to serve as a proponent and pursuant to Section 27.1231(f) of the FCC's rules, Clearwire is required by the FCC to obtain certain contact and technical information from you. To facilitate the transition to the more technically efficient Revised Band Plan and consistent with your FCC obligation to provide us with contact and technical information, please visit <http://www.clearwire.com/transition/> to download a Microsoft Excel™ workbook to populate the necessary information pertaining to your authorization, WHR678, licensed to West Central Minnesota Ed! TV Corp.. Detailed instructions on how to complete this request are contained in the Microsoft Excel™ workbook. If your station is not constructed or you otherwise wish to discontinue your video operations please complete only Step 1 in the Microsoft Excel™ workbook, making sure you answer "No" in Step 1 cell X2. The Clearwire site also includes a copy of the FCC's current rules outlining the transition process. A reference copy of your FCC license, call sign WHR678, which contains some of the information necessary to complete the PTDR can be easily retrieved on the web using the search utility in the FCC's public Universal License System database at <http://wireless2.fcc.gov/UlsApp/UlsSearch/searchLicense.jsp>. A convenient link to the FCC database search utility, and all other links referenced in this letter, are available at our transition web site: <http://www.clearwire.com/transition/>

Should you have any questions regarding this letter or the overall Pre-Transition Data Request ("PTDR") process, please feel free to contact Clearwire at [TransitionInfo@clearwire.com](mailto:TransitionInfo@clearwire.com) or Clearwire Corporation, 815 Connecticut Ave., NW, Suite 610, Washington, DC 20006. phone 202-351-5034, Facsimile 202-330-4008 and we will be happy to assist you in this effort.

Once you have completed your Pre-Transition Data Request, please email your completed Microsoft Excel™ workbook to [TransitionData@Clearwire.com](mailto:TransitionData@Clearwire.com). Pursuant to Section 27.1231(d) of the FCC rules, your response to this Pre-Transition Data Request must be received within 45 days of receiving this request.

Your cooperation in this mutually beneficial process is greatly appreciated.

Sincerely,

  
Brandon J. Bullis

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### Mail Tracking

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Details	Tracking Number	Address	Last Event	Created	Last Event Date
Details	71147336155001502366	Attention: Steven J. Gorski, President/CEO 11490 Commerce Park Dr Reston VA 20191-1557	DELIVERED	2/2/2007 9:53:31 AM	2/8/2007 12:26:00 PM ▲
Details	71147336155001502373	WLX490 Network for Instructional TV, Inc. Attention: Steven J. Gorski, President/CEO 11490 Commerce Park Dr Reston VA 20191-1557	DELIVERED	2/2/2007 9:53:31 AM	2/8/2007 12:27:00 PM
Details	71147336155001502380	WHR878 West Central Minnesota Ed'l TV Corp. Attention: Mr. John Panzer, Manager 120 W Schlemmer Ave Appleton MN 56208-1351	DELIVERED	2/2/2007 9:53:31 AM	2/7/2007 10:40:00 AM
Details	71147336155001502397	WBS390 California State University, Chico c/o: Dow, Lohnes & Albertson, PLLC Attention: Mr. Todd D. Gray, Esq. 1200 New Hampshire Ave NW Ste 800 Washington DC 20036-6805	DELIVERED	2/2/2007 9:53:31 AM	2/7/2007 2:12:00 PM
Details	71147336155001502400	WNIC540 Linn-Benton Community College c/o: Dow, Lohnes & Albertson, PLLC Attention:	DELIVERED	2/2/2007 9:53:31 AM	2/7/2007 2:12:00 PM ▼



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## Mail Tracking Details

Tracking Number	Return Receipt	Event Name	Event Date
71147336155001502380		ELECTRONIC SHIPPING INFO RECEIVED	2/5/2007 1:23:00 PM
71147336155001502380		DELIVERED	2/7/2007 10:40:00 AM

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**Attachment 2**



815 Connecticut Avenue, N.W., Suite 610  
Washington, D.C. 20006

15 November 2007

**WT Docket No. 06-136**

Office of the Secretary  
Federal Communications Commission  
The Portals  
445 Twelfth Street, S.W.  
12th Street Lobby, TW-A325  
Washington, DC 20554

RE: Transition Initiation Plan - Fixed Wireless Holdings, LLC  
Transition of the 2500-2690 MHz Band for BRS and EBS  
Transition Area: BTA Number 477: Willmar-Marshall, MN

Dear Ms. Dortch:

Fixed Wireless Holdings, LLC, a wholly-owned subsidiary of Clearwire Corporation (together "Clearwire"), has completed an assessment of BRS and EBS facilities for transition to the new band plan for the Willmar-Marshall, MN BTA, BTA Number 477. Pursuant to Section 21.1231 of the Commission's Rules, Clearwire hereby desires to initiate its plan as the Proponent to manage the spectrum transition of all licensees within the Willmar-Marshall, MN BTA.

Initial information regarding all existing BRS and EBS facilities has been obtained through research of the Commission's databases and through data provided by EBS licensees in response to the Pre-Transition Data Request ("PTDR") Clearwire sent to them. In addition, a Transition Notice explaining Clearwire's intent to convert the band was sent to all licensees within the above-referenced BTA on 15 November 2007.

**List of Facilities to be Transitioned:**

A list of BRS and EBS facilities to be transitioned by Clearwire under this plan is attached in Exhibit 1.

**Transition Schedule:**

Clearwire has compiled its transition strategy for the most efficient and least disruptive conversion of facilities to the new band plan. Pursuant to Section 21.1231(f)(1)(iii), Clearwire's best estimate as to when the transition will be completed is by 15 November 2008.

Clearwire  
Transition Initiation Plan  
BTA Number 477: Willmar-Marshall, MN  
15 November 2007  
Page 2

**Agreements With Adjacent BTA Proponents:**

Since the preliminary engineering analysis revealed no interference conflicts with facilities in adjacent BTAs, no agreements to reconcile or coordinate interference concerns are necessary.

**Co-Proponent Agreements:**

Clearwire does not have any agreements or arrangements with other entities for more than one Proponent to transition the BTA.

**Financial Commitment:**

Based on information gathered through the PTDR responses, along with its extensive research and experience in EBS and BRS facility construction and operation, Clearwire has prepared an initial budget of financial and technical resources to adequately and competently complete the spectrum transition.

The preceding information has been compiled by Clearwire based on its best efforts to ascertain the programming and technical requirements for existing authorizations/operations in the transition area. Should additional information become available that causes the plan to materially change, Clearwire will notify the Commission accordingly.

Pursuant to Section 27.1231(f)(1)(vi) of the Commission's Rules, Clearwire has enclosed the certification regarding the availability of funds to pay transition costs.

If you have any questions regarding this matter please contact Brandon Bullis, Director of Spectrum Development, at (202) 351-5021 or the undersigned at (202) 429-0107.

Sincerely,

  
Terri B. Natoli

cc: Joel Taubenblatt, Chief, Broadband Division, WTB  
John Schauble, Deputy Chief, Broadband Division, WTB  
Nancy Zaczek, Special Counsel, Broadband Division, WTB  
Consuela Kearney, Industry Analyst, Broadband Division, WTB

**Exhibit 1**  
**List of Facilities to be Transitioned**

Under this plan, Clearwire will transition the following BRS and EBS facilities:

**BTA #477: Willmar-Marshall, MN**

Best estimate of completion of Transition: 15 November 2008

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B477, American Telecasting Development, Inc.	Channels: M1M2AE1E2E3E4F1F2F3F4 H1H2H3
WHR678, West Central Minnesota Ed'l TV Corp.	Channels: C1C2C3C4
WHR784, Minnesota Tele-Media	Channels: G1G2G3G4
WMH352, Fixed Wireless Holdings, LLC	Channels: F1F2F3F4
WMH540, Fixed Wireless Holdings, LLC	Channels: E1E2E3E4
WNTK396, Fixed Wireless Holdings, LLC	Channels: H1H2H3
WQDZ736, Minnesota Valley TV Improvement Corporation	Channels: M1M2AE1E2E3E4F1F2F3F4 H1H2H3

Clearwire  
Transition Initiation Plan  
BTA Number 477: Willmar-Marshall, MN  
15 November 2007  
Page 4

## **Certification**

Pursuant to Section 27.1231(f)(1)(vi) of the Commission's Rules, Fixed Wireless Holdings, LLC certifies that it has the funds available to pay the reasonable expected costs of the transition of the Willmar-Marshall, MN Basic Trading Area, BTA #477, based on the information contained in the responses it received to the Pre-Transition Data Requests.



Terri B. Natoli  
V.P. Regulatory Affairs & Public Policy

**Attachment 3**

Spectrum Transition Plan  
for the  
2500 - 2690 MHz BRS and EBS Band

BTA #477: Willmar-Marshall, MN

Spectrum Transition Proponent:

**Clearwire**

815 Connecticut Avenue, NW  
Suite 610

Washington, DC 20006

Phone: (202) 351-5034

Facsimile: (202) 330-4008

TransitionInfo@clearwire.com

Spectrum Transition Plan  
for the  
2500 - 2690 MHz BRS and EBS Band

**BTA #477: Willmar-Marshall, MN**

**Introduction:**

The following Transition Plan has been compiled by Clearwire as the Proponent managing the channel allocation conversion of BRS and EBS licenses in the above-referenced Transition area. This plan was compiled through research of the Commission's databases and through data provided by EBS licensees in their response to the Pre-Transition Data Request ("PTDR"). The purpose of this plan is to relocate existing channel frequencies and services to the new band plan assignments specified in Section 27.5(i)(2). It is the goal of Clearwire to effectuate this Transition in the most efficient and least disruptive manner for all licensees involved.

**Transition Parameters:**

A list of facilities to be transitioned along with details of post-Transition channel assignments and facilities is provided as Attachment A. The data provided for each facility include:

1. Call Signs of BRS and EBS facilities involved in the Transition
2. Channel assignments for each licensee after the Transition
3. Receive sites where downconverters or other upgrades will be installed
4. Video programming and/or data tracks that will be transitioned
5. Technical parameters of facilities transmitting video programming in the Middle Band Segment

**Transition Schedule:**

Through careful planning and a thorough review of existing authorizations in the Transition area, Clearwire has compiled its Transition strategy timeline to support an efficient and timely band plan migration. Under this plan, the Transition is scheduled to be complete by 15 November 2008.

Consistent with this commitment, any interruptions to existing EBS transmissions will not exceed seven days at any site. In cases where currently active channels must be shut down before the new channel assignment is available, programming will be shifted to an alternate channel capable of being received at all sites. During the transition period, Clearwire may need to temporarily utilize one or more channels from any of the channel groups to maintain EBS transmissions while coordinating the migration of facilities to the new band plan. All facilities proposed as part of this process have been carefully designed in compliance with the Commission's Rules and designed to avoid creating new interference problems to other pre-Transition and post-Transition facilities.

**Financial Commitment:**

Based on information gathered through the PTDR responses along with its extensive research and experience in EBS and BRS facility construction and operation, Clearwire has prepared an initial budget of financial and technical resources to adequately and competently complete the spectrum Transition. A Certification regarding the availability of financial resources to pay the reasonable expected costs of the Transition of this BTA is provided following Attachment A.

**Attachment A**  
Transition Facility Parameters  
Page 1 of 10

**Clearwire**  
**BTA #477: Willmar-Marshall, MN**

---

**B477, American Telecasting Development, Inc.**  
c/o: Sprint/Nextel Communications  
2001 Edmund Halley Drive, Mailstop VARESP0301  
Reston, VA 20191

Contact Name: Kanwar Jolly  
Phone: 703-433-3154  
FAX: 703-433-4483  
E-Mail: Kanwar.Jolly@Sprint.com

*Pre-Transition Parameters:*

Channel(s): M1M2AE1E2E3E4F1F2F3F4H1H2H3  
BRS1: 2150.0 - 2156.0 MHz      BRS2A: 2156.0 - 2160.0 MHz  
E1: 2596.0 - 2602.0 MHz      E2: 2608.0 - 2614.0 MHz  
E3: 2620.0 - 2626.0 MHz      E4: 2632.0 - 2638.0 MHz  
F1: 2602.0 - 2608.0 MHz      F2: 2614.0 - 2620.0 MHz  
F3: 2626.0 - 2632.0 MHz      F4: 2638.0 - 2644.0 MHz  
H1: 2650.0 - 2656.0 MHz      H2: 2662.0 - 2668.0 MHz  
H3: 2674.0 - 2680.0 MHz

**The facilities authorized under this license can transition to the new band plan without changing equipment. No changes are necessary because:**

- 1. Former operations have been discontinued and the original system dismantled pending re-deployment under the new band plan,**
- 2. Current operations already utilize equipment that can change frequencies to conform to the new plan ...or**
- 3. The licensee does not desire to continue broadcast video as part of the transitioned facility.**

*Post-Transition Parameters:*

Channel(s): M1M2AE1E2E3E4F1F2F3F4H1H2H3  
BRS1: 2496.0 - 2502.0 MHz  
BRS2: 2618.0 - 2624.0 MHz  
E1: 2624.0 - 2629.5 MHz, KE1: 2617.00000 - 2617.33333 MHz  
E2: 2629.5 - 2635.0 MHz, KE2: 2617.33333 - 2617.66666 MHz  
E3: 2635.0 - 2640.5 MHz, KE3: 2617.66666 - 2618.00000 MHz  
E4: 2608.0 - 2614.0 MHz  
F1: 2640.5 - 2646.0 MHz, KF1: 2616.00000 - 2616.33333 MHz  
F2: 2646.0 - 2651.5 MHz, KF2: 2616.33333 - 2616.66666 MHz  
F3: 2651.5 - 2657.0 MHz, KF3: 2616.66666 - 2617.00000 MHz  
F4: 2602.0 - 2608.0 MHz

Continued on the next page.....

**Attachment A**  
Transition Facility Parameters  
Page 2 of 10

**Clearwire**  
**BTA #477: Willmar-Marshall, MN**

---

**B477, American Telecasting Development, Inc.**

Continued:

H1: 2657.0 - 2662.5 MHz, KH1: 2614.00000 - 2614.33333 MHz

H2: 2662.5 - 2668.0 MHz, KH2: 2614.33333 - 2614.66666 MHz

H3: 2668.0 - 2673.5 MHz, KH3: 2614.66666 - 2615.00000 MHz

**The licensee is responsible for terminating any video transmissions related to this authorization utilizing the pre-transition channel assignments from 2500 MHz through 2690 MHz by 31 October 2008. In the event this licensee desires to deploy transmissions on any channel prior to the Transition Completion Notice filing date, the licensee must first coordinate its channel utilization under the new band plan with the Proponent, Fixed Wireless Holdings, LLC.**

**Attachment A**  
Transition Facility Parameters  
Page 3 of 10

**Clearwire**  
**BTA #477: Willmar-Marshall, MN**

---

**WHR678, West Central Minnesota Ed'I TV Corp.**

120 West Schlieman Avenue

Appleton, MN 56208

Contact Name: Mr. John Panzer, Manager

*Pre-Transition Parameters:*

Channel(s): C1C2C3C4

C1: 2548.0 - 2554.0 MHz                      C2: 2560.0 - 2566.0 MHz

C3: 2572.0 - 2578.0 MHz                      C4: 2584.0 - 2590.0 MHz

**The facilities authorized under this license can transition to the new band plan without changing equipment. No changes are necessary because:**

- 1. Former operations have been discontinued and the original system dismantled pending re-deployment under the new band plan,**
  
- 2. Current operations already utilize equipment that can change frequencies to conform to the new plan ...or**
  
- 3. The licensee does not desire to continue broadcast video as part of the transitioned facility.**

*Post-Transition Parameters:*

Channel(s): C1C2C3C4

C1: 2535.0 - 2540.5 MHz, JC1: 2570.00000 - 2570.33333 MHz

C2: 2540.5 - 2546.0 MHz, JC2: 2570.33333 - 2570.66666 MHz

C3: 2546.0 - 2551.5 MHz, JC3: 2570.66666 - 2571.00000 MHz

C4: 2584.0 - 2590.0 MHz

**A response to the Pre-Transition Data Request was not received for this authorization. The licensee is responsible for terminating any video transmissions related to this authorization utilizing the pre-transition channel assignments from 2500 MHz through 2690 MHz by 31 October 2008. In the event this licensee desires to deploy transmissions on any channel prior to the Transition Completion Notice filing date, the licensee must first coordinate its channel utilization under the new band plan with the Proponent, Fixed Wireless Holdings, LLC.**

**Attachment A**  
Transition Facility Parameters  
Page 4 of 10

**Clearwire**  
**BTA #477: Willmar-Marshall, MN**

---

**WHR784, Minnesota Tele-Media**  
Southwest Minnesota State University  
1501 State Street  
Marshall, MN 56258

Contact Name: Daniel J. Baun  
Phone: (507) 537-6978  
FAX: (507) 537-6095  
E-Mail: dbaun@southwestmsu.edu

*Pre-Transition Parameters:*

Channel(s): G1G2G3G4

G1: 2644.0 - 2650.0 MHz	G2: 2656.0 - 2662.0 MHz
G3: 2668.0 - 2674.0 MHz	G4: 2680.0 - 2686.0 MHz

**The facilities authorized under this license can transition to the new band plan without changing equipment. No changes are necessary because:**

- 1. Former operations have been discontinued and the original system dismantled pending re-deployment under the new band plan,**
- 2. Current operations already utilize equipment that can change frequencies to conform to the new plan ...or**
- 3. The licensee does not desire to continue broadcast video as part of the transitioned facility.**

*Post-Transition Parameters:*

Channel(s): G1G2G3G4

G1: 2673.5 - 2679.0 MHz, KG1: 2615.00000 - 2615.33333 MHz
G2: 2679.0 - 2684.5 MHz, KG2: 2615.33333 - 2615.66666 MHz
G3: 2684.5 - 2690.0 MHz, KG3: 2615.66666 - 2616.00000 MHz
G4: 2596.0 - 2602.0 MHz

**The licensee is responsible for terminating any video transmissions related to this authorization utilizing the pre-transition channel assignments from 2500 MHz through 2690 MHz by 31 October 2008. In the event this licensee desires to deploy transmissions on any channel prior to the Transition Completion Notice filing date, the licensee must first coordinate its channel utilization under the new band plan with the Proponent, Fixed Wireless Holdings, LLC.**

**Attachment A**  
Transition Facility Parameters  
Page 5 of 10

**Clearwire**  
**BTA #477: Willmar-Marshall, MN**

---

**WMH352, Fixed Wireless Holdings, LLC**

815 Connecticut Avenue, N.W.

Suite 610

Washington, DC 20006

Contact Name: Brandon J. Bullis

Phone: 202-429-0263

FAX: 202-330-4008

E-Mail: brandon.bullis@clearwire.com

*Pre-Transition Parameters:*

Channel(s): F1F2F3F4

F1: 2602.0 - 2608.0 MHz

F2: 2614.0 - 2620.0 MHz

F3: 2626.0 - 2632.0 MHz

F4: 2638.0 - 2644.0 MHz

**The facilities authorized under this license can transition to the new band plan without changing equipment. No changes are necessary because:**

- 1. Former operations have been discontinued and the original system dismantled pending re-deployment under the new band plan,**
- 2. Current operations already utilize equipment that can change frequencies to conform to the new plan ...or**
- 3. The licensee does not desire to continue broadcast video as part of the transitioned facility.**

*Post-Transition Parameters:*

Channel(s): F1F2F3F4

F1: 2640.5 - 2646.0 MHz, KF1: 2616.00000 - 2616.33333 MHz

F2: 2646.0 - 2651.5 MHz, KF2: 2616.33333 - 2616.66666 MHz

F3: 2651.5 - 2657.0 MHz, KF3: 2616.66666 - 2617.00000 MHz

F4: 2602.0 - 2608.0 MHz

**The licensee is responsible for terminating any video transmissions related to this authorization utilizing the pre-transition channel assignments from 2500 MHz through 2690 MHz by 31 October 2008. In the event this licensee desires to deploy transmissions on any channel prior to the Transition Completion Notice filing date, the licensee must first coordinate its channel utilization under the new band plan with the Proponent, Fixed Wireless Holdings, LLC.**

**Attachment A**  
Transition Facility Parameters  
Page 6 of 10

**Clearwire**  
BTA #477: Willmar-Marshall, MN

---

**WMH540, Fixed Wireless Holdings, LLC**

815 Connecticut Avenue, N.W.

Suite 610

Washington, DC 20006

Contact Name: Brandon J. Bullis

Phone: 202-429-0263

FAX: 202-330-4008

E-Mail: brandon.bullis@clearwire.com

*Pre-Transition Parameters:*

Channel(s): E1E2E3E4

E1: 2596.0 - 2602.0 MHz

E2: 2608.0 - 2614.0 MHz

E3: 2620.0 - 2626.0 MHz

E4: 2632.0 - 2638.0 MHz

**The facilities authorized under this license can transition to the new band plan without changing equipment. No changes are necessary because:**

- 1. Former operations have been discontinued and the original system dismantled pending re-deployment under the new band plan,**
- 2. Current operations already utilize equipment that can change frequencies to conform to the new plan ...or**
- 3. The licensee does not desire to continue broadcast video as part of the transitioned facility.**

*Post-Transition Parameters:*

Channel(s): E1E2E3E4

E1: 2624.0 - 2629.5 MHz, KE1: 2617.00000 - 2617.33333 MHz

E2: 2629.5 - 2635.0 MHz, KE2: 2617.33333 - 2617.66666 MHz

E3: 2635.0 - 2640.5 MHz, KE3: 2617.66666 - 2618.00000 MHz

E4: 2608.0 - 2614.0 MHz

**The licensee is responsible for terminating any video transmissions related to this authorization utilizing the pre-transition channel assignments from 2500 MHz through 2690 MHz by 31 October 2008. In the event this licensee desires to deploy transmissions on any channel prior to the Transition Completion Notice filing date, the licensee must first coordinate its channel utilization under the new band plan with the Proponent, Fixed Wireless Holdings, LLC.**

**Attachment A**  
Transition Facility Parameters  
Page 7 of 10

**Clearwire**  
BTA #477: Willmar-Marshall, MN

---

**WNTK396, Fixed Wireless Holdings, LLC**

815 Connecticut Avenue, N.W.  
Suite 610  
Washington, DC 20006

Contact Name: Brandon J. Bullis  
Phone: 202-429-0263  
FAX: 202-330-4008  
E-Mail: brandon.bullis@clearwire.com

*Pre-Transition Parameters:*

Channel(s): H1H2H3

H1: 2650.0 - 2656.0 MHz                      H2: 2662.0 - 2668.0 MHz  
H3: 2674.0 - 2680.0 MHz

**The facilities authorized under this license can transition to the new band plan without changing equipment. No changes are necessary because:**

- 1. Former operations have been discontinued and the original system dismantled pending re-deployment under the new band plan,**
- 2. Current operations already utilize equipment that can change frequencies to conform to the new plan ...or**
- 3. The licensee does not desire to continue broadcast video as part of the transitioned facility.**

*Post-Transition Parameters:*

Channel(s): H1H2H3

H1: 2657.0 - 2662.5 MHz, KH1: 2614.00000 - 2614.33333 MHz  
H2: 2662.5 - 2668.0 MHz, KH2: 2614.33333 - 2614.66666 MHz  
H3: 2668.0 - 2673.5 MHz, KH3: 2614.66666 - 2615.00000 MHz

**The licensee is responsible for terminating any video transmissions related to this authorization utilizing the pre-transition channel assignments from 2500 MHz through 2690 MHz by 31 October 2008. In the event this licensee desires to deploy transmissions on any channel prior to the Transition Completion Notice filing date, the licensee must first coordinate its channel utilization under the new band plan with the Proponent, Fixed Wireless Holdings, LLC.**

**Attachment A**  
Transition Facility Parameters  
Page 8 of 10

**Clearwire**  
**BTA #477: Willmar-Marshall, MN**

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**WQDZ736, Minnesota Valley TV Improvement Corporation**

PO Box A

Granite Falls, MN 56241

Contact Name: Dan Richter

Phone: 320-564-4970

E-Mail: dlrichter@mvtvwireless.com

*Pre-Transition Parameters:*

Channel(s): M1M2AE1E2E3E4F1F2F3F4H1H2H3

BRS1: 2150.0 - 2156.0 MHz

BRS2A: 2156.0 - 2160.0 MHz

E1: 2596.0 - 2602.0 MHz

E2: 2608.0 - 2614.0 MHz

E3: 2620.0 - 2626.0 MHz

E4: 2632.0 - 2638.0 MHz

F1: 2602.0 - 2608.0 MHz

F2: 2614.0 - 2620.0 MHz

F3: 2626.0 - 2632.0 MHz

F4: 2638.0 - 2644.0 MHz

H1: 2650.0 - 2656.0 MHz

H2: 2662.0 - 2668.0 MHz

H3: 2674.0 - 2680.0 MHz

**System is currently operating.**

Transmitting Site# 1: Granite Falls, MN

Address: 2.4 km WSW on ST Hwy 67, Granite Falls, MN 56241

Coordinates: 44-48-17.0, 95-34-50.0

Elevation: 1017.0 feet ( 310.0 meters)

Antenna # 1: Make/Model: AND HMD12VC, Gain: 16.0 dBi

Polarity: V, Beamwidth: 180.0 deg., Orientation: 220.0 deg., Beamtilt: 0.5 deg.

Channel(s): M1M2AE1E2E3E4F1F, EIRP: 24.2 dBw

Support Structure: Tower Antenna Height AGL: 290.0 feet ( 88.4 meters)

Transmissions for channel(s): E1:

5M75C3F/250KF3E

Description of formal educational programming: Upon further request

Formal Educational Programming?: No

Transmissions for channel(s): E2:

5M75C3F/250KF3E

Description of formal educational programming: Upon further request

Formal Educational Programming?: No

Transmissions for channel(s): E3:

5M75C3F/250KF3E

Description of formal educational programming: Upon further request

Formal Educational Programming?: No

Transmissions for channel(s): E4:

5M75C3F/250KF3E

Description of formal educational programming: Upon further request

Formal Educational Programming?: No

Continued on the next page.....

**Attachment A**  
Transition Facility Parameters  
Page 9 of 10

**Clearwire**  
**BTA #477: Willmar-Marshall, MN**

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**WQDZ736, Minnesota Valley TV Improvement Corporation**

Continued:

- Transmissions for channel(s): F1:  
5M75C3F/250KF3E  
Description of formal educational programming: Upon further request  
Formal Educational Programming?: No
- Transmissions for channel(s): F2:  
5M75C3F/250KF3E  
Description of formal educational programming: Upon further request  
Formal Educational Programming?: No
- Transmissions for channel(s): F3:  
5M75C3F/250KF3E  
Description of formal educational programming: Upon further request  
Formal Educational Programming?: No
- Transmissions for channel(s): F4:  
5M75C3F/250KF3E  
Description of formal educational programming: Upon further request  
Formal Educational Programming?: No
- Transmissions for channel(s): H1:  
5M75C3F/250KF3E  
Description of formal educational programming: Upon further request  
Formal Educational Programming?: No
- Transmissions for channel(s): H2:  
6M00D7W  
Description of formal educational programming: Upon further request  
Formal Educational Programming?: No
- Transmissions for channel(s): H3:  
6M00D7W  
Description of formal educational programming: Upon further request  
Formal Educational Programming?: No
- Transmissions for channel(s): M1:  
6M00D7W  
Description of formal educational programming: Upstream (response)  
Formal Educational Programming?: No
- Transmissions for channel(s): M2A:  
6M00D7W  
Description of formal educational programming: Upstream (response)  
Formal Educational Programming?: No

*Post-Transition Parameters:*

Channel(s): M1M2AE1E2E3E4F1F2F3F4H1H2H3

Continued on the next page.....

**Attachment A**  
Transition Facility Parameters  
Page 10 of 10

**Clearwire**  
BTA #477: Willmar-Marshall, MN

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**WQDZ736, Minnesota Valley TV Improvement Corporation**

Continued:

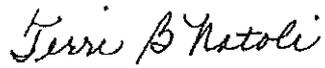
BRS1: 2496.0 - 2502.0 MHz  
BRS2: 2618.0 - 2624.0 MHz  
E1: 2624.0 - 2629.5 MHz, KE1: 2617.00000 - 2617.33333 MHz  
E2: 2629.5 - 2635.0 MHz, KE2: 2617.33333 - 2617.66666 MHz  
E3: 2635.0 - 2640.5 MHz, KE3: 2617.66666 - 2618.00000 MHz  
E4: 2608.0 - 2614.0 MHz  
F1: 2640.5 - 2646.0 MHz, KF1: 2616.00000 - 2616.33333 MHz  
F2: 2646.0 - 2651.5 MHz, KF2: 2616.33333 - 2616.66666 MHz  
F3: 2651.5 - 2657.0 MHz, KF3: 2616.66666 - 2617.00000 MHz  
F4: 2602.0 - 2608.0 MHz  
H1: 2657.0 - 2662.5 MHz, KH1: 2614.00000 - 2614.33333 MHz  
H2: 2662.5 - 2668.0 MHz, KH2: 2614.33333 - 2614.66666 MHz  
H3: 2668.0 - 2673.5 MHz, KH3: 2614.66666 - 2615.00000 MHz

**The licensee is responsible for terminating any video transmissions related to this authorization utilizing the pre-transition channel assignments from 2500 MHz through 2690 MHz by 31 October 2008. In the event this licensee desires to deploy transmissions on any channel prior to the Transition Completion Notice filing date, the licensee must first coordinate its channel utilization under the new band plan with the Proponent, Fixed Wireless Holdings, LLC.**

## Certification

Pursuant to Section 27.1231(f)(1)(vi) of the Commission's Rules, Error certifies that it has the funds available to pay the reasonable expected costs of the transition of the Willmar-Marshall, MN Basic Trading Area, BTA #477, based on the information contained in the responses it received to the Pre-Transition Data Requests.

Sincerely,



Terri B. Natoli  
V.P Regulatory Affairs & Public Policy

**Attachment 4**

Emails from Clearwire

## Nadja Sodos-Wallace

---

**From:** Brandon Bullis  
**Sent:** Friday, August 28, 2009 10:01 AM  
**To:** Brandon Bullis; Andy Lopez  
**Cc:** Brian Goemmer; Raymond Quianzon; Cathy Massey; Dennis Scholl  
**Subject:** RE: Willmar-Marshall, MN BTA #477  
**Importance:** High  
**Sensitivity:** Confidential

Tracking:	Recipient	Delivery	Read
	Brandon Bullis	Delivered: 8/28/2009 10:02 AM	Read: 8/28/2009 10:02 AM
	Andy Lopez		
	Brian Goemmer	Delivered: 8/28/2009 10:02 AM	
	Raymond Quianzon		
	Cathy Massey	Delivered: 8/28/2009 10:02 AM	Read: 8/28/2009 12:58 PM
	Dennis Scholl	Delivered: 8/28/2009 10:02 AM	Read: 8/28/2009 10:32 AM

Andy: Please update me on the status of your Transition. If I don't hear from you, I may be required to request the FCC to intervene.

Regards,  
Brandon

*Please note new address and new office and fax numbers*

Brandon J. Bullis – **clearwire** - Director Spectrum Development  
593 Herndon Parkway, Herndon, VA 20170 - Office 571.490.8635 - Mobile 202.419.9904 – Fax 571.490.8497

---

**From:** Brandon Bullis  
**Sent:** Wednesday, August 19, 2009 2:34 PM  
**To:** Brandon Bullis; 'Andy Lopez'  
**Cc:** Brian Goemmer; 'Raymond Quianzon'; Cathy Massey; Dennis Scholl  
**Subject:** RE: Willmar-Marshall, MN BTA #477  
**Importance:** High  
**Sensitivity:** Confidential

Andy:

As you know, Clearwire's Post-Transition Notification for the Transition of BTA #477 is due at the FCC. Where do you stand on the Transition of your system? The FCC is expecting to hear from me and I need to know what to tell them.

Regards,  
Brandon

*Please note new address and new office and fax numbers*

Brandon J. Bullis – **clearwire** - Director Spectrum Development  
593 Herndon Parkway, Herndon, VA 20170 - Office 571.490.8635 - Mobile 202.419.9904 – Fax 571.490.8497

---

**From:** Brandon Bullis  
**Sent:** Thursday, July 02, 2009 10:20 AM

9/10/2009

**To:** 'Andy Lopez'  
**Cc:** Brian Goemmer; Raymond Quianzon  
**Subject:** Willmar-Marshall, MN BTA #477  
**Sensitivity:** Confidential

Andy:

Pursuant to our conversation in May, Brian and I have researched Clearwire's ability to assist you in obtaining the upgraded equipment you indicated was required to "Transition" your NextNet/Motorola commercial two-way data system to the new band plan. Unfortunately, we have determined that Clearwire are unable to assist Info-Link in this effort. Due to a current and planned uses for all such equipment, Clearwire does not have excess equipment it can provide Info-Link.

Clearwire has determined that all the other stations within the Willmar-Marshall, MN BTA have either Transitioned or have terminated video service. Therefore, Info-Link should be free to effectuate its Transition without encumbrances from stations within the BTA. The 18-month Transition deadline is August 14, 2009. Clearwire intends to file the Post Transition Notification with the FCC on August 14, 2009. Therefore, Clearwire respectfully requests that Info-Link, as operator and lessor of West Central MN Ed'I TV Corp's EBS station WHR678, come into compliance with the requirements of the new band plan prior to August 14, 2009. Please notify me when the Transition of your facility is completed.

Please feel free to contact me if you have any questions or concerns.

Regards,  
Brandon

*Please note new address and new office and fax numbers*

**clearw<sup>o</sup>re**

Brandon J. Bullis  
Director Spectrum Development  
593 Herndon Parkway  
Herndon, VA 20170  
Office: 571.490.8635  
Facsimile: 571.490.8497  
Mobile: 202.419.9904

9/10/2009

Email from Info Link

**From:** Andy Lopez <[alopez@info-link.net](mailto:alopez@info-link.net)>  
**Date:** August 28, 2009 5:47:23 PM EDT  
**To:** Brandon Bullis <[Brandon.Bullis@clearwire.com](mailto:Brandon.Bullis@clearwire.com)>  
**Cc:** Brian Goemmer <[Brian.Goemmer@clearwire.com](mailto:Brian.Goemmer@clearwire.com)>, Raymond Quianzon <[quianzon@fhhlaw.com](mailto:quianzon@fhhlaw.com)>, Cathy Massey <[cathy.massey@clearwire.com](mailto:cathy.massey@clearwire.com)>, Dennis Scholl <[Dennis.Scholl@clearwire.com](mailto:Dennis.Scholl@clearwire.com)>, [amy\\_klobuchar@klobuchar.senate.gov](mailto:amy_klobuchar@klobuchar.senate.gov), [info@franken.senate.gov](mailto:info@franken.senate.gov), [brian\\_garshelis@klobuchar.senate.gov](mailto:brian_garshelis@klobuchar.senate.gov), [tmerdan@prtcl.com](mailto:tmerdan@prtcl.com), [chris.iacaruso@mail.house.gov](mailto:chris.iacaruso@mail.house.gov), [jpanzer@pioneer.org](mailto:jpanzer@pioneer.org), [Michael.copps@fcc.gov](mailto:Michael.copps@fcc.gov), [Julius.Genachowski@fcc.gov](mailto:Julius.Genachowski@fcc.gov), [Meridith.Attwell.Baker@fcc.gov](mailto:Meridith.Attwell.Baker@fcc.gov), [lheen@pioneer.org](mailto:lheen@pioneer.org)  
**Subject:** RE: Willmar-Marshall, MN BTA #477

Brandon,

As we have told you before (see e-mails 3/29/09, 4/7/09, 4/8/09, 5/14/09, 5/20/09, 5/21/09 and multiple telephone conversations), we do not have the capital to make this transition. In 2007, we invested \$21,000 to upgrade our base station on the promise that we would be reimbursed for that upgrade. To date we have not seen any signs of such reimbursement.

We have now learned from the FCC that in 2007 there was a window for us to opt-out of this transition, but no one notified us, we never received any such notification from the FCC, the licensee of these frequencies or their legal counsel representative.

The situation is further complicated because in 2001 the FCC's rules forced us to adopt horizontal polarization at our Morris location because we are at the edge of the BTA. At this moment our equipment manufacturer, Motorola Expedience, does not have horizontal polarized CPE's that we could purchase from them if we had the capital. We have been working on ways that we could have vertically polarized CPE's interface with our horizontally polarized base station.

Recently, we have tested a different modularization technique that should work well with the new channel plan. But about half of our CPE's cannot be converted to the new channel plan remotely. This would require dozens of service calls to customer sites to upgrade their equipment.

It is ironic to me, that every day I read in the press how Clearwire has \$2.5 billion to deploy 4G WIMAX services in all these cities throughout the nation but they and their allies that will use the extra spectrum cannot find a way to cover our \$75,000 equipment upgrade expense.

Respectfully,

Andy Lopez  
President  
Info Link Wireless Inc.  
514 Atlantic Ave  
Morris, MN 56267  
320-589-4595

Quoting Brandon Bullis <[Brandon.Bullis@clearwire.com](mailto:Brandon.Bullis@clearwire.com)>:

Andy: Please update me on the status of your Transition. If I don't hear from you, I may be required to request the FCC to intervene.

Regards,

Brandon

Please note new address and new office and fax numbers

Brandon J. Bullis - clearw\*re <<http://www.clearwire.com/>>  
- Director  
Spectrum Development

593 Herndon Parkway, Herndon, VA 20170 - Office  
571.490.8635 - Mobile  
202.419.9904 - Fax 571.490.8497

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Sent: Wednesday, August 19, 2009 2:34 PM  
To: Brandon Bullis; 'Andy Lopez'

Cc: Brian Goemmer; 'Raymond Quianzon'; Cathy Massey;  
Dennis Scholl

Subject: RE: Willmar-Marshall, MN BTA #477

Importance: High

Sensitivity: Confidential

Andy:

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the Transition

of BTA #477 is due at the FCC. Where do you stand on  
the Transition of

your system? The FCC is expecting to hear from me and I  
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Brandon J. Bullis - clearw\*re <<http://www.clearwire.com/>>  
- Director

Spectrum Development

593 Herndon Parkway, Herndon, VA 20170 - Office

571.490.8635 - Mobile

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From: Brandon Bullis  
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Cc: Brian Goemmer; Raymond Quianzon  
Subject: Willmar-Marshall, MN BTA #477  
Sensitivity: Confidential

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18-month Transition deadline is August 14, 2009.

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and lessor of West Central MN Ed'l TV Corp's EBS station WHR678, come

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August 14, 2009. Please notify me when the Transition of your facility

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Please feel free to contact me if you have any questions or concerns.

Regards,

Brandon

Please note new address and new office and fax numbers

clearw\*re <<http://www.clearwire.com/>>

Brandon J. Bullis

Director Spectrum Development

593 Herndon Parkway

Herndon, VA 20170

Office: 571.490.8635

Facsimile: 571.490.8497

Mobile: 202.419.9904

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