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August 13th, 2014

Via ECFS  
Marlene H. Dortch, Secretary  
Federal Communications Commission  
445 Twelfth Street, S.W.  
Washington, D.C. 20554

Re: CAF II Census Block Challenge  
ET Docket No. 14-93

Index to Supporting Documentation:

“A” – The census block has existing customers receiving Broadband service from Amplex Electric, Inc., and one or more existing or former customers in the census block can receive service at or above the FCC’s 4/1Mb speed standard, service plans have usage allowances above the FCC minimum, meet the FCC’s latency standard, meet pricing guidelines, and have voice service available.

“B” – The census block is shown as having broadband service available from Amplex Electric, Inc, based on our RF propagation studies, the Connect Ohio RF studies (State Broadband Mapping contractor). Customers in the census block can receive service at or above the FCC’s 4/1Mb speed standard, service plans have usage allowances above the FCC minimum, meet the FCC’s latency standard, pricing guidelines, and have voice service available.

“C” – The census block is shown as having broadband service available from Amplex Electric, Inc, based on our RF propagation studies, the Connect Ohio RF studies (State Broadband Mapping contractor). Census blocks marked with “C” have existing customers in immediately adjacent census blocks, often on the opposite side of the road. Customers in these census block can receive service at or above the FCC’s 4/1Mb speed standard, service plans have usage allowances above the FCC minimum, meet the FCC’s latency standard, pricing guidelines, and have voice service available.

Blocks B and C are provided because Amplex predicts that they are within our service area, but we are not certifying that these blocks are served by unsubsidized broadband and voice *only* due to the requirement of having a former or existing customer in the specific block.

Amplex used the FCC’s census block conversion API tool to match our customer locations (expressed in geographic coordinates) to census blocks. Then we conducted a customer count by census block. We certify that with respect to the total number of census blocks identified as “A” above, the total subscriber count is > 1100 customers.

The following supporting documentation addresses each of the Criteria:

Speed: Amplex provides details of our service plans online at <http://www.amplex.net/home-internet-service/>, and a screenshot of this website is provided as supporting evidence with our FCC Form 505. The “Home Premium” plan provides 4Mb/1Mb speed. Higher speed plans are available.

Usage Allowance: Amplex has no limits on data usage.

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Latency: Amplex meets the Latency requirement as specified by the FCC of 100ms 95% of the time or less to multiple IXP's. Amplex core to customer CPE ping times average 25ms or less. Ping times to Chicago exchanges are under 25ms, for a combined round trip latency below 50ms.

Pricing: Amplex does not differentiate service pricing between urban and suburban areas. The non-promotional price for 4/1Mb service is \$49.95/mo, which is below the FCC's interim benchmark of \$60. Our basic home voice service is \$14.95/ month, so this non-promotional price is below \$46.96. See <http://www.amplex.net/home-internet-service/voip/> for details, and a screenshot of this website is provided as supporting evidence with our FCC Form 505.

Voice Service: Amplex provides VoIP services to our customers using our own softswitch and facilities. Amplex's network uses QOS mechanisms to ensure the quality of voice conversation. Amplex provides voice grade access to the public switched network or its functional equivalent. Minutes of use for local service are provided at no additional charge to end users because customers minutes of use per month is a flat fee without regard to whether the call is toll, non-toll, local or long distance. For that reason, toll limitation services are not required because our pricing does not distinguish between toll and non-toll calls. We also provides access to the emergency services provided by local government or other public safety organizations, such as 911 and enhanced 911. Amplex provides customer and billing support for our voice customers. Amplex filed our initial 499-A notifying the FCC of our voice offerings on 1/16/2014. Our previous 477 filings show Amplex providing broadband service in all of the census tracts identified in Form 505, but did not show voice service, as we did not offer voice prior to 2014. Please note that Amplex uses multiple providers for PSTN termination and porting. Voice Brochure is attached as "VOIP Flyer.pdf"

Offering: Amplex markets our voice and broadband service extensively in our service territory. Marketing includes billboards, radio, print, direct mail, social media, marked service vehicles, yard signs, brochures at complementary businesses, referral programs, local fairs and events, school and team sponsorships, etc.

Installation: Service can generally be installed within 5-10 business days after order. Installation charges are \$75 or less for broadband service and are used primarily for installation of fixed antenna CPE units at the subscribers' premises as opposed to construction activities. Voice service has a one-time equipment charge of \$50.

Certification:

I certify that the above information and supporting documentation is true and correct to the best of my knowledge.

Mark Radabaugh, President, Amplex Electric, Inc Dated: 8/12/2014