

Certification Requirements for BTOP

U.S. Department of Commerce
Broadband Technology Opportunities Program

(i) I certify that I am authorized to submit this grant application on behalf of the eligible entity(ies) listed on this application, that I have examined this application, that all of the information and responses in this application, including certifications, and forms submitted, all of which are part of this grant application, are material representations of fact and true and correct to the best of my knowledge, that the entity(ies) that is requesting grant funding pursuant to this application and any subgrantees and subcontractors will comply with the terms, conditions, purposes, and federal requirements of the grant program; that no kickbacks were paid to anyone; and that a false, fictitious, or fraudulent statements or claims on this application are grounds for denial or termination of a grant award, and/or possible punishment by a fine or imprisonment as provided in 18 U.S.C. §1001 and civil violations of the False Claims Act.

(ii) I certify that the entity(ies) I represent have and will comply with all applicable federal, state, and local laws, rules, regulations, ordinances, codes, orders and programmatic rules and requirements relating to the project. I acknowledge that failure to do so may result in rejection or deobligation of the grant or loan award. I acknowledge that failure to comply with all federal and program rules could result in civil or criminal prosecution by the appropriate law enforcement authorities.

(iii) I certify that the entity(ies) I represent has and will comply with all applicable administrative and federal statutory, regulatory, and policy requirements set forth in the DOC Pre-Award Notification, published in the Federal Register on February 11, 2008 (73 FR 7696), as amended; DOC Financial Assistance Standard Terms and Conditions (Mar. 8, 2009); DOC American Recovery and Reinvestment Act Award Terms (April 9, 2009); and any Special Award Terms and Conditions that are included by the Grants Officer in the award."

08/13/2009

(Date)



(Authorized Representative's Signature)

Mickey L. Sims

Name:

General Manager

Title:

Network Design and Implementation Plan Certification (to be complete for projects requesting more than \$1 million in federal assistance)

**U.S. Department of Agriculture and U.S. Department of Commerce
BIP and BTOP Program**

We the undersigned, certify that the proposed broadband system will work as described in the System Design and Network Diagram sections, and can deliver the proposed services outlined in the Service Offerings Section. Moreover, the system, as designed, can meet the proposed build-out timeframe based on the resources designated in Project Viability Section, and will be substantially complete in two years, and complete within three years.

8/13/2009

(Date)


(Authorized Representative's Signature)

Mickey L. Sims

Name:

General Manager

Title:

August 7, 2009

(Date)

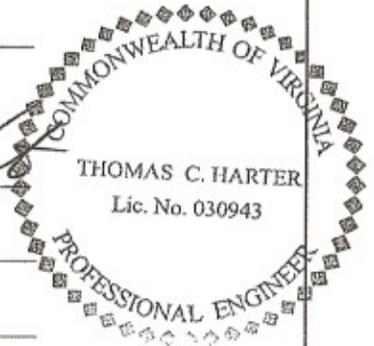

(Certifying Engineer's Signature)

Thomas C. Harter

Name:

Professional Engineer

Title:



ASSURANCES - CONSTRUCTION PROGRAMS

OMB Approval No. 4040-0009
Expiration Date 07/30/2010

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0042), Washington, DC 20503.

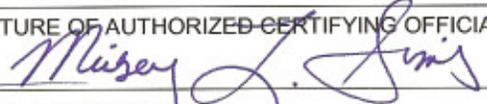
PLEASE DO NOT RETURN YOUR COMPLETED FORM TO THE OFFICE OF MANAGEMENT AND BUDGET. SEND IT TO THE ADDRESS PROVIDED BY THE SPONSORING AGENCY.

NOTE: Certain of these assurances may not be applicable to your project or program. If you have questions, please contact the Awarding Agency. Further, certain Federal assistance awarding agencies may require applicants to certify to additional assurances. If such is the case, you will be notified.

As the duly authorized representative of the applicant, I certify that the applicant:

1. Has the legal authority to apply for Federal assistance, and the institutional, managerial and financial capability (including funds sufficient to pay the non-Federal share of project costs) to ensure proper planning, management and completion of the project described in this application.
2. Will give the awarding agency, the Comptroller General of the United States and, if appropriate, the State, the right to examine all records, books, papers, or documents related to the assistance; and will establish a proper accounting system in accordance with generally accepted accounting standards or agency directives.
3. Will not dispose of, modify the use of, or change the terms of the real property title, or other interest in the site and facilities without permission and instructions from the awarding agency. Will record the Federal awarding agency directives and will include a covenant in the title of real property acquired in whole or in part with Federal assistance funds to assure non-discrimination during the useful life of the project.
4. Will comply with the requirements of the assistance awarding agency with regard to the drafting, review and approval of construction plans and specifications.
5. Will provide and maintain competent and adequate engineering supervision at the construction site to ensure that the complete work conforms with the approved plans and specifications and will furnish progress reports and such other information as may be required by the assistance awarding agency or State.
6. Will initiate and complete the work within the applicable time frame after receipt of approval of the awarding agency.
7. Will establish safeguards to prohibit employees from using their positions for a purpose that constitutes or presents the appearance of personal or organizational conflict of interest, or personal gain.
8. Will comply with the Intergovernmental Personnel Act of 1970 (42 U.S.C. §§4728-4763) relating to prescribed standards for merit systems for programs funded under one of the 19 statutes or regulations specified in Appendix A of OPM's Standards for a Merit System of Personnel Administration (5 C.F.R. 900, Subpart F).
9. Will comply with the Lead-Based Paint Poisoning Prevention Act (42 U.S.C. §§4801 et seq.) which prohibits the use of lead-based paint in construction or rehabilitation of residence structures.
10. Will comply with all Federal statutes relating to non-discrimination. These include but are not limited to: (a) Title VI of the Civil Rights Act of 1964 (P.L. 88-352) which prohibits discrimination on the basis of race, color or national origin; (b) Title IX of the Education Amendments of 1972, as amended (20 U.S.C. §§1681 1683, and 1685-1686), which prohibits discrimination on the basis of sex; (c) Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. §794), which prohibits discrimination on the basis of handicaps; (d) the Age Discrimination Act of 1975, as amended (42 U.S.C. §§6101-6107), which prohibits discrimination on the basis of age; (e) the Drug Abuse Office and Treatment Act of 1972 (P.L. 92-255), as amended, relating to nondiscrimination on the basis of drug abuse; (f) the Comprehensive Alcohol Abuse and Alcoholism Prevention, Treatment and Rehabilitation Act of 1970 (P.L. 91-616), as amended, relating to nondiscrimination on the basis of alcohol abuse or alcoholism; (g) §§523 and 527 of the Public Health Service Act of 1912 (42 U.S.C. §§290 dd-3 and 290 ee 3), as amended, relating to confidentiality of alcohol and drug abuse patient records; (h) Title VIII of the Civil Rights Act of 1968 (42 U.S.C. §§3601 et seq.), as amended, relating to nondiscrimination in the sale, rental or financing of housing; (i) any other nondiscrimination provisions in the specific statute(s) under which application for Federal assistance is being made; and, (j) the requirements of any other nondiscrimination statute(s) which may apply to the application.

11. Will comply, or has already complied, with the requirements of Titles II and III of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (P.L. 91-646) which provide for fair and equitable treatment of persons displaced or whose property is acquired as a result of Federal and federally-assisted programs. These requirements apply to all interests in real property acquired for project purposes regardless of Federal participation in purchases.
12. Will comply with the provisions of the Hatch Act (5 U.S.C. §§1501-1508 and 7324-7328) which limit the political activities of employees whose principal employment activities are funded in whole or in part with Federal funds.
13. Will comply, as applicable, with the provisions of the Davis-Bacon Act (40 U.S.C. §§276a to 276a-7), the Copeland Act (40 U.S.C. §276c and 18 U.S.C. §874), and the Contract Work Hours and Safety Standards Act (40 U.S.C. §§327-333) regarding labor standards for federally-assisted construction subagreements.
14. Will comply with flood insurance purchase requirements of Section 102(a) of the Flood Disaster Protection Act of 1973 (P.L. 93-234) which requires recipients in a special flood hazard area to participate in the program and to purchase flood insurance if the total cost of insurable construction and acquisition is \$10,000 or more.
15. Will comply with environmental standards which may be prescribed pursuant to the following: (a) institution of environmental quality control measures under the National Environmental Policy Act of 1969 (P.L. 91-190) and Executive Order (EO) 11514; (b) notification of violating facilities pursuant to EO 11738; (c) protection of wetlands pursuant to EO 11990; (d) evaluation of flood hazards in floodplains in accordance with EO 11988; (e) assurance of project consistency with the approved State management program developed under the Coastal Zone Management Act of 1972 (16 U.S.C. §§1451 et seq.); (f) conformity of Federal actions to State (Clean Air) implementation Plans under Section 176(c) of the Clean Air Act of 1955, as amended (42 U.S.C. §§7401 et seq.); (g) protection of underground sources of drinking water under the Safe Drinking Water Act of 1974, as amended (P.L. 93-523); and, (h) protection of endangered species under the Endangered Species Act of 1973, as amended (P.L. 93-205).
16. Will comply with the Wild and Scenic Rivers Act of 1968 (16 U.S.C. §§1271 et seq.) related to protecting components or potential components of the national wild and scenic rivers system.
17. Will assist the awarding agency in assuring compliance with Section 106 of the National Historic Preservation Act of 1966, as amended (16 U.S.C. §470), EO 11593 (identification and protection of historic properties), and the Archaeological and Historic Preservation Act of 1974 (16 U.S.C. §§469a-1 et seq).
18. Will cause to be performed the required financial and compliance audits in accordance with the Single Audit Act Amendments of 1996 and OMB Circular No. A-1 33, "Audits of States, Local Governments, and Non-Profit Organizations."
19. Will comply with all applicable requirements of all other Federal laws, executive orders, regulations, and policies governing this program.

*SIGNATURE OF AUTHORIZED CERTIFYING OFFICIAL 	*TITLE General Manager
*APPLICANT ORGANIZATION Buggs Island Telephone Cooperative	*DATE SUBMITTED 08-13-2009

CERTIFICATION REGARDING LOBBYING

Applicants should also review the instructions for certification included in the regulations before completing this form. Signature on this form provides for compliance with certification requirements under 15 CFR Part 28, "New Restrictions on Lobbying." The certifications shall be treated as a material representation of fact upon which reliance will be placed when the Department of Commerce determines to award the covered transaction, grant, or cooperative agreement.

LOBBYING

As required by Section 1352, Title 31 of the U.S. Code, and implemented at 15 CFR Part 28, for persons entering into a grant, cooperative agreement or contract over \$100,000 or a loan or loan guarantee over \$150,000 as defined at 15 CFR Part 28, Sections 28.105 and 28.110, the applicant certifies that to the best of his or her knowledge and belief, that:

(1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

(2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

(3) The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure occurring on or before October 23, 1996, and of not less than \$11,000 and not more than \$110,000 for each such failure occurring after October 23, 1996.

As the duly authorized representative of the applicant, I hereby certify that the applicant will comply with the above applicable certification.

Statement for Loan Guarantees and Loan Insurance

The undersigned states, to the best of his or her knowledge and belief, that:

In any funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this commitment providing for the United States to insure or guarantee a loan, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

Submission of this statement is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required statement shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure occurring on or before October 23, 1996, and of not less than \$11,000 and not more than \$110,000 for each such failure occurring after October 23, 1996.

NAME OF APPLICANT

AWARD NUMBER AND/OR PROJECT NAME

Buggs Island Telephone Cooperative

PRINTED NAME AND TITLE OF AUTHORIZED REPRESENTATIVE

Mickey L. Sims, General Manager

SIGNATURE

DATE

08/13/2009

INSTRUCTIONS FOR COMPLETION OF SF-LLL, DISCLOSURE OF LOBBYING ACTIVITIES

This disclosure form shall be completed by the reporting entity, whether subawardee or prime Federal recipient, at the initiation or receipt of a covered Federal action, or a material change to a previous filing, pursuant to title 31 U.S.C. section 1352. The filing of a form is required for each payment or agreement to make payment to any lobbying entity for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with a covered Federal action. Complete all items that apply for both the initial filing and material change report. Refer to the implementing guidance published by the Office of Management and Budget for additional information.

1. Identify the type of covered Federal action for which lobbying activity is and/or has been secured to influence the outcome of a covered Federal action.
2. Identify the status of the covered Federal action.
3. Identify the appropriate classification of this report. If this is a followup report caused by a material change to the information previously reported, enter the year and quarter in which the change occurred. Enter the date of the last previously submitted report by this reporting entity for this covered Federal action.
4. Enter the full name, address, city, State and zip code of the reporting entity. Include Congressional District, if known. Check the appropriate classification of the reporting entity that designates if it is, or expects to be, a prime or subaward recipient. Identify the tier of the subawardee, e.g., the first subawardee of the prime is the 1st tier. Subawards include but are not limited to subcontracts, subgrants and contract awards under grants.
5. If the organization filing the report in item 4 checks "Subawardee," then enter the full name, address, city, State and zip code of the prime Federal recipient. Include Congressional District, if known.
6. Enter the name of the Federal agency making the award or loan commitment. Include at least one organizational level below agency name, if known. For example, Department of Transportation, United States Coast Guard.
7. Enter the Federal program name or description for the covered Federal action (item 1). If known, enter the full Catalog of Federal Domestic Assistance (CFDA) number for grants, cooperative agreements, loans, and loan commitments.
8. Enter the most appropriate Federal identifying number available for the Federal action identified in item 1 (e.g., Request for Proposal (RFP) number; Invitation for Bid (IFB) number; grant announcement number; the contract, grant, or loan award number; the application/proposal control number assigned by the Federal agency). Include prefixes, e.g., "RFP-DE-90-001."
9. For a covered Federal action where there has been an award or loan commitment by the Federal agency, enter the Federal amount of the award/loan commitment for the prime entity identified in item 4 or 5.
10. (a) Enter the full name, address, city, State and zip code of the lobbying registrant under the Lobbying Disclosure Act of 1995 engaged by the reporting entity identified in item 4 to influence the covered Federal action.

(b) Enter the full names of the individual(s) performing services, and include full address if different from 10 (a). Enter Last Name, First Name, and Middle Initial (MI).
11. The certifying official shall sign and date the form, print his/her name, title, and telephone number.

According to the Paperwork Reduction Act, as amended, no persons are required to respond to a collection of information unless it displays a valid OMB Control Number. The valid OMB control number for this information collection is OMB No. 0348-0046. Public reporting burden for this collection of information is estimated to average 10 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0046), Washington, DC 20503.

**Certification Regarding Debarment, Suspension, and Other Responsibility Matters –
Primary Covered Transactions**

**U.S. Department of Agriculture
Broadband Initiatives Program**

This certification is required by the regulations implementing Executive Order 12549, Debarment and Suspension, 7 C.F.R. § 3017.510, Participants' Responsibilities.

- (1) We, Buggs Island Telephone Coop. (the Applicant) (hereinafter the "Company") hereby certify to the best of our knowledge and belief that neither the Company, nor any of its principals:
- (a) are presently debarred, suspended, proposed for Debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency;
 - (b) have within a 3-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State, or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
 - (c) are presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State, or local) with commission of any of the offenses enumerated in paragraph (1)(b) of this certification; and
 - (d) have within a 3-year period preceding this Application had one or more public transactions (Federal, State, or local) terminated for cause or default.
- (2) If we are unable to certify to any of the statements in this certification, we shall attach an explanation hereto.

8/13/2009
Date


(Authorized Representative's Signature)
Mickey L. Sims
Name:
General Manager
Title:

Equal Opportunity and Nondiscrimination Certification

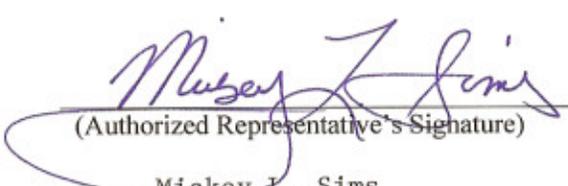
U.S. Department of Agriculture Broadband Initiatives Program

All loans and grants made under the Broadband Initiatives Program are subject to the nondiscrimination provisions of Title VI of the Civil Rights Act of 1964, as amended, (7 C.F.R. Part 15); Section 504 of the Rehabilitation Act of 1973, as amended, (29 U.S.C. 901 et seq; 7 C.F.R. Part 15b); and the Age Discrimination Act of 1975, as amended (42 U.S.C. 6101 et seq.; 45 C.F.R. Part 90), and Executive Order 11375, Amending Executive Order 11246, Relating to Equal Employment Opportunity (3 C.F.R. 1966, 1970).

All recipients of financial assistance from Rural Development, the prospective primary participant commits to carry out Rural Development's established policy to comply with the requirements of the above laws and executive orders to the effect that no person in the United States shall, "on the basis of race, color, national origin, handicap, or age, be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination under the Broadband Initiatives Program.

We Buggs Island Telephone Coop. (the Applicant) hereby certify that, as a prospective recipient under the said Broadband Initiatives Program, we will comply with the above referenced laws and executive orders.

8/13/2009
Date


(Authorized Representative's Signature)

Mickey L. Sims

Name:

General Manager

Title:

Certification Regarding Architectural Barriers

U.S. Department of Agriculture Broadband Initiatives Program

All facilities financed with Rural Development loans that are open to the public, or in which physically handicapped persons may be employed or reside, must be designed, constructed, and/or altered to be readily accessible to, and usable by, handicapped persons. Standards for these facilities must comply with the Architectural Barriers Act of 1968, as amended, 42 U.S.C. §4151 et seq.) and with the Uniform Federal Accessibility Standards (UFAS), (Appendix A to 41 C.F.R. subpart 101-19.6).

As a prospective primary participant recipient of financial assistance from Rural Development, this organization commits to carry out Rural Development's established policy to comply with the requirements of the above referenced law to the effect that all facilities must be readily accessible to and usable by handicapped persons.

We, Buggs Island Telephone Coop. (the Applicant) hereby certify that, as a prospective recipient under the Rural Broadband Access Loan and Loan Guarantee Program, we are in compliance, or will be in compliance upon completion of the Project, with the above referenced law.

8/13/2009
Date


(Authorized Representative's Signature)

Mickey L. Sims
Name:

General Manager
Title:

CERTIFICATION REGARDING LOBBYING LOWER TIER COVERED TRANSACTIONS

Applicants should review the instructions for certification included in the regulations before completing this form. Signature on this form provides for compliance with certification requirements under 15 CFR Part 28, "New Restrictions on Lobbying."

LOBBYING

As required by Section 1352, Title 31 of the U.S. Code, and implemented at 15 CFR Part 28, for persons entering into a grant, cooperative agreement or contract over \$100,000 or a loan or loan guarantee over \$150,000 as defined at 15 CFR Part 28, Sections 28.105 and 28.110, the applicant certifies that to the best of his or her knowledge and belief, that:

(1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

(2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

(3) The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure occurring on or before October 23, 1996, and of not less than \$11,000 and not more than \$110,000 for each such failure occurring after October 23, 1996.

Statement for Loan Guarantees and Loan Insurance

The undersigned states, to the best of his or her knowledge and belief, that:

In any funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this commitment providing for the United States to insure or guarantee a loan, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

Submission of this statement is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required statement shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure occurring on or before October 23, 1996, and of not less than \$11,000 and not more than \$110,000 for each such failure occurring after October 23, 1996.

As the duly authorized representative of the applicant, I hereby certify that the applicant will comply with the above applicable certification.

NAME OF APPLICANT

Buggs Island Telephone Cooperative

AWARD NUMBER AND/OR PROJECT NAME

BIT Wireless Broadband Initiative

PRINTED NAME AND TITLE OF AUTHORIZED REPRESENTATIVE

Mickey L. Sims General Manager

SIGNATURE

DATE

08/13/2009

**Uniform Relocation Assistance and
Real Property Acquisition Policies Act of 1970 Certification**

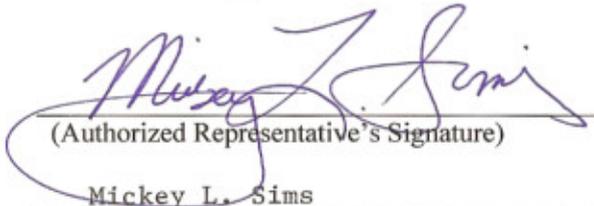
**U.S. Department of Agriculture
Broadband Initiatives Program**

We, Buggs Island Telephone Coop. (the Applicant) assure the U.S. government that we will comply with the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, as amended, 42 U.S.C. §4601 et seq., and with implementing federal regulations in 49 C.F.R. Part 24 and 7 C.F.R. Part 21.

Specifically, we assures that whenever Federal financial assistance is used to pay for any part of the cost of a program or Project which will result in the displacement of any person:

- (a) Fair and reasonable relocation payments and assistance shall be provided to or for displaced persons in accordance with sections 202, 203, and 204 of the Uniform Act;
- (b) Relocation assistance programs offering the services described in section 205 of the Uniform Act shall be provided to displaced persons; and
- (c) Within a reasonable period of time prior to displacement, comparable replacement dwellings will be available to displaced persons in accordance with section 205(c) (3) of the Uniform Act.

8/13/2009
Date


(Authorized Representative's Signature)
Mickey L. Sims
Name:
General Manager
Title:

Certification Regarding Lobbying for Contracts, Grants, Loans, and Cooperative Agreements

**U.S. Department of Agriculture
Broadband Initiatives Program**

We, Buggs Island Telephone Coop. (the Applicant) the undersigned certify, to the best of our knowledge and belief, that:

- (1) No Federal appropriated funds have been paid or will be paid, by or on our behalf, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant or loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.
- (2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, we shall complete and submit Standard Form-LLL, Disclosure Form to Report Lobbying, in accordance with its instructions. See <http://www.whitehouse.gov/omb/grants/sfillin.pdf> for Disclosure Instructions.
- (3) We shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by 31 U.S.C. § 1352. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

8/13/2009
Date


(Authorized Representative's Signature)
Mickey L. Sims
Name:
General Manager
Title:

Attachment A - Proposed Last Mile Service Offerings

Please complete the attached chart for each proposed funded service area modifying the chart as necessary to detail the service offerings. **For BIP applicants only:** for all other service areas where funds are not being requested, complete a chart that aggregates the service offerings.

Name of Tier	Advertised Speeds		Average Speeds		Average Latency (BTOP only) @ End User CPE (ms)	Pricing Plan* per month
	Downstream Mbps	Upstream Mbps	Downstream Mbps	Upstream Mbps		
Residential						
Entry Level Speed	1.5	0.35	1.3	0.3	12	██████
Second Level Speed	3.0	0.51	2.8	0.47	11	██████
Maximum Speed	4.0	1.0	3.8	0.97	10	██████
Business*						
Entry Level Speed	1.5	0.51	1.4	0.48	10	██████
Second Level Speed	3.0	1.0	2.9	0.98	9	██████
Third Level Speed	4.0	1.5	3.9	1.4	7	██████
Maximum Speed	10.0	2.0	9.9	1.9	5	██████
Critical Support Facilities & Anchor Institutions**						
Entry Level Speed	1.5	0.35	1.3	0.3	10	██████
Second Level Speed	3.0	0.51	2.8	0.47	9	██████
Maximum Speed	4.0	1.0	3.8	0.97	5	██████
Buggs Island Telephone ILEC Non Proposed Funded Serving Area***						
Entry Level Speed	1.5	0.35	1.3	0.3	12	██████
Second Level Speed	2.0	0.51	2.8	0.47	11	██████
Maximum Speed	3.0	1.0	3.8	0.97	10	██████

* - Business service tier pricing is marginally higher than residential due to businesses receiving a ██████████. The maximum speed service tier ██████████

** - Critical support facilities and anchor institutions are billed residential rates as an alternative to paying the higher business rates. However, they do receive the ██████████. This is a ██████ discount over advertised rates for businesses and qualifies for the point's award under the Project Benefits section of the Broadband Initiatives Program Application.

*** - Packages offered to residential and business customers in Buggs Island Telephone's wire line traditional serving area.

ATTACHMENT C – COMPETITOR TABLE – LAST MILE

Existing Last Mile Broadband Service Providers and Services Offered: Please complete a table describing the competing last mile providers’ broadband service offerings being advertised in each proposed funded service area (BIP applicants should complete this table for each census designated community within the proposed funded service area) . For each competitor, explain the following: a) technology; b) service tiers; c) advertised speeds for residential and business; d) pricing. Include any other comments to explain your findings, if necessary.

██████████ County, Virginia								
Service Area	Last Mile Services Provider	Technology Platform	Service Tier	Advertised Residential Offering		Advertised Business Offering		Other Comments
				Downstream Speed (Mbps)	Price	Downstream Speed (Mbps)	Price	
██████████ /Other Area	Verizon	DSL	Entry Level Plan	1.0/384k	17.99	Customized	Customized	Limited availability
			Highest Speed Plan	7.1/768k	39.99	Customized	Customized	Limited availability
			Mid Tier Plan	3.0/768k	29.99	Customized	Customized	Limited availability
	No Second Provider	N/A	Entry Level Plan	N/A	N/A	N/A	N/A	N/A
			Highest Speed Plan	N/A	N/A	N/A	N/A	N/A
			Mid Tier Plan	N/A	N/A	N/A	N/A	N/A

[REDACTED] County, Virginia								
Service Area	Last Mile Services Provider	Technology Platform	Service Tier	Advertised Residential Offering		Advertised Business Offering		Other Comments
				Downstream Speed (Mbps)	Price	Downstream Speed (Mbps)	Price	
[REDACTED] County/ [REDACTED] Town	Verizon	DSL	Entry Level Plan	1.0/384k	17.99	Customized	Customized	Limited availability
			Highest Speed Plan	7.1/768k	39.99	Customized	Customized	Limited availability
			Mid Tier Plan	3.0/768k	29.99	Customized	Customized	Limited availability
	Kinex	900 MHz wireless	Entry Level Plan	768k/256k	29.95	768k/256k	29.95	Limited Availability
			Highest Speed Plan	5.0/512k	49.95	5.0/512k	79.95	Limited Availability
			Mid Tier Plan	1.5/256k	34.95	1.5/256k	39.95	Limited Availability
[REDACTED] County/ [REDACTED] Town	Verizon	DSL	Entry Level Plan	1.0/384k	17.99	Customized	Customized	Limited availability
			Highest Speed Plan	7.1/768k	39.99	Customized	Customized	Limited availability
			Mid Tier Plan	3.0/768k	29.99	Customized	Customized	Limited availability
	Telpage	900 MHz Wireless	Entry Level Plan	768K/256K	59.95	768K/256K	59.95	Limited availability
			Highest Speed Plan	N/A	N/A	N/A	N/A	N/A
			Mid Tier Plan	N/A	N/A	N/A	N/A	N/A
[REDACTED] County/ Other Area	Telpage	900 MHz Wireless	Entry Level Plan	N/A	N/A	N/A	N/A	N/A
			Highest Speed Plan	N/A	N/A	N/A	N/A	N/A
			Mid Tier Plan	N/A	N/A	N/A	N/A	N/A
	BIT	DSL	Entry Level Plan	1.5/256k	49.95	1.5/512k	59.95	Limited Availability
			Highest Speed Plan	3.0/1.0	69.95	Customized	Customized	Limited Availability
			Mid Tier Plan	2.0/512k	59.95	Customized	Customized	Limited Availability

County, Virginia								
Service Area	Last Mile Services Provider	Technology Platform	Service Tier	Advertised Residential Offering		Advertised Business Offering		Other Comments
				Downstream Speed (Mbps)	Price	Downstream Speed (Mbps)	Price	
/ Town	Embarq	DSL	Entry Level Plan	768k/512k	29.95	Customized	Customized	Limited Availability
			Highest Speed Plan	10.0/2.0	54.95	Customized	Customized	Limited Availability
			Mid Tier Plan	3.0/1.0	39.95	Customized	Customized	Limited Availability
	Kinex	900 MHz wireless	Entry Level Plan	768k/256k	29.95	768k/256k	29.95	Limited Availability
			Highest Speed Plan	5.0/512k	49.95	5.0/512k	79.95	Limited Availability
			Mid Tier Plan	1.5/256k	34.95	1.5/256k	39.95	Limited Availability
Other Area	Embarq	DSL	Entry Level Plan	768k/512k	29.95	Customized	Customized	Limited Availability
			Highest Speed Plan	10.0/2.0	54.95	Customized	Customized	Limited Availability
			Mid Tier Plan	3.0/1.0	39.95	Customized	Customized	Limited Availability
	Kinex	900 MHz wireless	Entry Level Plan	768k/256k	29.95	768k/256k	29.95	Limited Availability
			Highest Speed Plan	5.0/512k	49.95	5.0/512k	79.95	Limited Availability
			Mid Tier Plan	1.5/256k	34.95	1.5/256k	39.95	Limited Availability

County, Virginia								
Service Area	Last Mile Services Provider	Technology Platform	Service Tier	Advertised Residential Offering		Advertised Business Offering		Other Comments
				Downstream Speed (Mbps)	Price	Downstream Speed (Mbps)	Price	
Town	Verizon	DSL	Entry Level Plan	1.0/384k	17.99	Customized	Customized	Limited availability
			Highest Speed Plan	7.1/768k	39.99	Customized	Customized	Limited availability
			Mid Tier Plan	3.0/768k	29.99	Customized	Customized	Limited availability
	Purennet	900 MHz Wireless	Entry Level Plan	768k/256k	49.95	768k/256k	59.95	150.00 set up fee
			Highest Speed Plan	1.5/256k	79.95	1.5/256k	79.95	150.00 set up fee
			Mid Tier Plan	N/A	N/A	N/A	N/A	Not offered
Town	Verizon	DSL	Entry Level Plan	1.0/384k	17.99	Customized	Customized	Limited availability
			Highest Speed Plan	7.1/768k	39.99	Customized	Customized	Limited availability
			Mid Tier Plan	3.0/768k	29.99	Customized	Customized	Limited availability
	No Second Provider	N/A	Entry Level Plan	N/A	N/A	N/A	N/A	N/A
			Highest Speed Plan	N/A	N/A	N/A	N/A	N/A
			Mid Tier Plan	N/A	N/A	N/A	N/A	N/A
Town	Verizon	DSL	Entry Level Plan	1.0/384k	17.99	Customized	Customized	Limited availability
			Highest Speed Plan	7.1/768k	39.99	Customized	Customized	Limited availability
			Mid Tier Plan	3.0/768k	29.99	Customized	Customized	Limited availability
	Purennet	900 MHz Wireless	Entry Level Plan	768k/256k	49.95	768k/256k	59.95	150.00 set up fee
			Highest Speed Plan	1.5/256k	79.95	1.5/256k	79.95	150.00 set up fee
			Mid Tier Plan	N/A	N/A	N/A	N/A	N/A
Town	Comcast	Cable	Entry Level Plan	1.0/512k	24.95	Customized	Customized	Limited availability
			Highest Speed Plan	16.0/2.0	52.95	Customized	Customized	Limited availability
			Mid Tier Plan	12.0/2.0	42.95	Customized	Customized	Limited availability
	Verizon	DSL	Entry Level Plan	1.0/384k	17.99	Customized	Customized	Limited availability
			Highest Speed Plan	7.1/768k	39.99	Customized	Customized	Limited availability
			Mid Tier Plan	3.0/768k	29.99	Customized	Customized	Limited availability
Other Area	Verizon	DSL	Entry Level Plan	1.0/384k	17.99	Customized	Customized	Limited availability
			Highest Speed Plan	7.1/768k	39.99	Customized	Customized	Limited availability
			Mid Tier Plan	3.0/768k	29.99	Customized	Customized	Limited availability
	Purennet	900 MHz Wireless	Entry Level Plan	768k/256k	49.95	768k/512k	49.95	150.00 set up fee
			Highest Speed Plan	1.5/256k	79.95	1.5/256k	79.95	150.00 set up fee
			Mid Tier Plan	N/A	N/A	N/A	N/A	N/A

[REDACTED] County, Virginia								
Service Area	Last Mile Services Provider	Technology Platform	Service Tier	Advertised Residential Offering		Advertised Business Offering		Other Comments
				Downstream Speed (Mbps)	Price	Downstream Speed (Mbps)	Price	
[REDACTED] Town	Verizon	DSL	Entry Level Plan	1.0/384k	17.99	Customized	Customized	Limited availability
			Highest Speed Plan	7.1/768k	39.99	Customized	Customized	Limited availability
			Mid Tier Plan	3.0/768k	29.99	Customized	Customized	Limited availability
	Kinex	900 MHz wireless	Entry Level Plan	768k/256k	29.95	768k/256k	29.95	Limited availability
			Highest Speed Plan	5.0/1.0	49.95	5.0/1.0	79.95	Limited availability
			Mid Tier Plan	1.5/256k	34.95	1.5/256k	39.95	Limited availability
	Access Technology	DSL	Entry Level Plan	768k/128k	28.95	768k/128k	37.95	Limited availability
			Highest Speed Plan	7.1/768k	69.95	7.1/768k	78.95	Limited availability
			Mid Tier Plan	1.5/384k	36.95	1.5/384k	45.95	Limited availability
Other Area	Verizon	DSL	Entry Level Plan	1.0/384k	17.99	Customized	Customized	Limited availability
			Highest Speed Plan	7.1/768k	39.99	Customized	Customized	Limited availability
			Mid Tier Plan	3.0/768k	29.99	Customized	Customized	Limited availability
	No Second Provider	N/A	Entry Level Plan	N/A	N/A	N/A	N/A	N/A
			Highest Speed Plan	N/A	N/A	N/A	N/A	N/A
			Mid Tier Plan	N/A	N/A	N/A	N/A	N/A
			Mid Tier Plan	N/A	N/A	N/A	N/A	N/A

County, Virginia								
Service Area	Last Mile Services Provider	Technology Platform	Service Tier	Advertised Residential Offering		Advertised Business Offering		Other Comments
				Downstream Speed (Mbps)	Price	Downstream Speed (Mbps)	Price	
Town	Verizon	DSL	Entry Level Plan	1.0/384k	17.99	Customized	Customized	Limited availability
			Highest Speed Plan	7.1/768k	39.99	Customized	Customized	Limited availability
			Mid Tier Plan	3.0/768k	29.99	Customized	Customized	Limited availability
	Telpage	900 MHz Wireless	Entry Level Plan	768K/256K	59.95	768K/256K	59.95	Limited availability
			Highest Speed Plan	N/A	N/A	N/A	N/A	Limited availability
			Mid Tier Plan	N/A	N/A	N/A	N/A	N/A
Other Area	Telpage	900 MHz Wireless	Entry Level Plan	768K/256K	59.95	768K/256K	59.95	Limited availability
			Highest Speed Plan	N/A	N/A	N/A	N/A	N/A
			Mid Tier Plan	N/A	N/A	N/A	N/A	N/A
	No Second Provider	N/A	Entry Level Plan	N/A	N/A	N/A	N/A	N/A
			Highest Speed Plan	N/A	N/A	N/A	N/A	N/A
			Mid Tier Plan	N/A	N/A	N/A	N/A	N/A

[REDACTED], Virginia								
Service Area	Last Mile Services Provider	Technology Platform	Service Tier	Advertised Residential Offering		Advertised Business Offering		Other Comments
				Downstream Speed (Mbps)	Price	Downstream Speed (Mbps)	Price	
[REDACTED] Town	Overlapping Census Community	N/A	Entry Level Plan	N/A	N/A	N/A	N/A	N/A
			Highest Speed Plan	N/A	N/A	N/A	N/A	N/A
			Mid Tier Plan	N/A	N/A	N/A	N/A	N/A
	Overlapping Census Community	N/A	Entry Level Plan	N/A	N/A	N/A	N/A	N/A
			Highest Speed Plan	N/A	N/A	N/A	N/A	N/A
			Mid Tier Plan	N/A	N/A	N/A	N/A	N/A
[REDACTED] Town	Embarq	DSL	Entry Level Plan	768k/512k	29.95	Customized	Customized	Limited Availability
			Highest Speed Plan	10.0/2.0	54.95	Customized	Customized	Limited Availability
			Mid Tier Plan	3.0/1.0	39.95	Customized	Customized	Limited Availability
	Purenet	900 MHz Wireless	Entry Level Plan	768k/512k	49.95	768k/512k	49.95	150.00 set up fee
			Highest Speed Plan	1.5/256k	79.95	1.5/256k	79.95	150.00 set up fee
			Mid Tier Plan	N/A	N/A	N/A	N/A	N/A
	GCR	DSL	Entry Level Plan	768k/384k	37.00	Customized	Customized	Embarq reseller
			Highest Speed Plan	3.0/512k	50.00	Customized	Customized	Embarq reseller
			Mid Tier Plan	1.5/384k	42.00	Customized	Customized	Embarq reseller
	Comcast	Cable	Entry Level Plan	1.0/512k	24.95	Customized	Customized	Limited Availability
			Highest Speed Plan	16.0/2.0	52.95	Customized	Customized	Limited Availability
			Mid Tier Plan	12.0/2.0	42.95	Customized	Customized	Limited Availability
[REDACTED] Town	Embarq	DSL	Entry Level Plan	768k/512k	49.95	Customized	Customized	Limited Availability
			Highest Speed Plan	1.5/256k	79.95	Customized	Customized	Limited Availability
			Mid Tier Plan	N/A	N/A	Customized	Customized	Limited Availability
	Purenet	900 MHz Wireless	Entry Level Plan	768k/512k	49.95	768k/512k	49.95	150.00 set up fee
			Highest Speed Plan	1.5/256k	79.95	1.5/256k	79.95	150.00 set up fee
			Mid Tier Plan	N/A	N/A	N/A	N/A	N/A
	Comcast	Cable	Entry Level Plan	1.0/512k	24.95	Customized	Customized	Limited Availability
			Highest Speed Plan	16.0/2.0	52.95	Customized	Customized	Limited Availability
			Mid Tier Plan	12.0/2.0	42.95	Customized	Customized	Limited Availability
[REDACTED] Town	Embarq	DSL	Entry Level Plan	768k/512k	29.95	Customized	Customized	Limited Availability
			Highest Speed Plan	10.0/2.0	54.95	Customized	Customized	Limited Availability
			Mid Tier Plan	3.0/1.0	39.95	Customized	Customized	Limited Availability
	Purenet	900 MHz Wireless	Entry Level Plan	768k/512k	49.95	768k/512k	49.95	150.00 set up fee
			Highest Speed Plan	1.5/256k	79.95	1.5/256k	79.95	150.00 set up fee
			Mid Tier Plan	N/A	N/A	N/A	N/A	N/A

County, Virginia (continued)								
Service Area	Last Mile Services Provider	Technology Platform	Service Tier	Advertised Residential Offering		Advertised Business Offering		Other Comments
				Downstream Speed (Mbps)	Price	Downstream Speed (Mbps)	Price	
Town	GCR	DSL	Entry Level Plan	768k/384k	37.00	Customized	Customized	Embarq reseller
			Highest Speed Plan	3.0/512k	50.00	Customized	Customized	Embarq reseller
			Mid Tier Plan	1.5/384k	42.00	Customized	Customized	Embarq reseller
	Comcast	Cable	Entry Level Plan	1.0/512k	24.95	Customized	Customized	Limited Availability
			Highest Speed Plan	16.0/2.0	52.95	Customized	Customized	Limited Availability
			Mid Tier Plan	12.0/2.0	42.95	Customized	Customized	Limited Availability
Town	Embarq	DSL	Entry Level Plan	768k/512k	29.95	Customized	Customized	Limited Availability
			Highest Speed Plan	10.0/2.0	54.95	Customized	Customized	Limited Availability
			Mid Tier Plan	3.0/1.0	39.95	Customized	Customized	Limited Availability
	Purenet	900 MHz Wireless	Entry Level Plan	768k/512k	49.95	768k/512k	49.95	150.00 set up fee
			Highest Speed Plan	1.5/256k	79.95	1.5/256k	79.95	150.00 set up fee
			Mid Tier Plan	N/A	N/A	N/A	N/A	N/A
	GCR	DSL	Entry Level Plan	768k/384k	37.00	Customized	Customized	Embarq reseller
			Highest Speed Plan	3.0/512k	50.00	Customized	Customized	Embarq reseller
			Mid Tier Plan	1.5/384k	42.00	Customized	Customized	Embarq reseller
	Comcast	Cable	Entry Level Plan	1.0/512k	24.95	Customized	Customized	Limited Availability
			Highest Speed Plan	16.0/2.0	52.95	Customized	Customized	Limited Availability
			Mid Tier Plan	12.0/2.0	42.95	Customized	Customized	Limited Availability
Other Area	Embarq	DSL	Entry Level Plan	768k/512k	29.95	Customized	Customized	Limited Availability
			Highest Speed Plan	10.0/2.0	54.95	Customized	Customized	Limited Availability
			Mid Tier Plan	3.0/1.0	39.95	Customized	Customized	Limited Availability
	Purenet	900 MHz Wireless	Entry Level Plan	768k/512k	49.95	768k/512k	49.95	150.00 set up fee
			Highest Speed Plan	1.5/256k	79.95	1.5/256k	79.95	150.00 set up fee
			Mid Tier Plan	N/A	N/A	N/A	N/A	N/A
	GCR	DSL	Entry Level Plan	768k/384k	37.00	Customized	Customized	Embarq reseller
			Highest Speed Plan	3.0/512k	50.00	Customized	Customized	Embarq reseller
			Mid Tier Plan	1.5/384k	42.00	Customized	Customized	Embarq reseller
	Comcast	Cable	Entry Level Plan	1.0/512k	24.95	Customized	Customized	Limited Availability
			Highest Speed Plan	16.0/2.0	52.95	Customized	Customized	Limited Availability
			Mid Tier Plan	12.0/2.0	42.95	Customized	Customized	Limited Availability

County, Virginia								
Service Area	Last Mile Services Provider	Technology Platform	Service Tier	Advertised Residential Offering		Advertised Business Offering		Other Comments
				Downstream Speed (Mbps)	Price	Downstream Speed (Mbps)	Price	
Town	Verizon	DSL	Entry Level Plan	1.0/384k	17.99	Customized	Customized	Limited availability
			Highest Speed Plan	7.1/768k	39.99	Customized	Customized	Limited availability
			Mid Tier Plan	3.0/768k	29.99	Customized	Customized	Limited availability
	No Second Provider	N/A	Entry Level Plan	N/A	N/A	N/A	N/A	N/A
			Highest Speed Plan	N/A	N/A	N/A	N/A	N/A
			Mid Tier Plan	N/A	N/A	N/A	N/A	N/A
CDP	No First Provider	N/A	Entry Level Plan	N/A	N/A	N/A	N/A	N/A
			Highest Speed Plan	N/A	N/A	N/A	N/A	N/A
			Mid Tier Plan	N/A	N/A	N/A	N/A	N/A
	No Second Provider	N/A	Entry Level Plan	N/A	N/A	N/A	N/A	N/A
			Highest Speed Plan	N/A	N/A	N/A	N/A	N/A
			Mid Tier Plan	N/A	N/A	N/A	N/A	N/A
Town	Verizon	DSL	Entry Level Plan	1.0/384k	17.99	Customized	Customized	Limited availability
			Highest Speed Plan	7.1/768k	39.99	Customized	Customized	Limited availability
			Mid Tier Plan	3.0/768k	29.99	Customized	Customized	Limited availability
	No Second Provider	N/A	Entry Level Plan	N/A	N/A	N/A	N/A	N/A
			Highest Speed Plan	N/A	N/A	N/A	N/A	N/A
			Mid Tier Plan	N/A	N/A	N/A	N/A	N/A
Other Area	No First Provider	N/A	Entry Level Plan	N/A	N/A	N/A	N/A	N/A
			Highest Speed Plan	N/A	N/A	N/A	N/A	N/A
			Mid Tier Plan	N/A	N/A	N/A	N/A	N/A
	No Second Provider	N/A	Entry Level Plan	N/A	N/A	N/A	N/A	N/A
			Highest Speed Plan	N/A	N/A	N/A	N/A	N/A
			Mid Tier Plan	N/A	N/A	N/A	N/A	N/A

County, Virginia								
Service Area	Last Mile Services Provider	Technology Platform	Service Tier	Advertised Residential Offering		Advertised Business Offering		Other Comments
				Downstream Speed (Mbps)	Price	Downstream Speed (Mbps)	Price	
Town	Embarq	DSL	Entry Level Plan	768k/512k	29.95	Customized	Customized	Limited Availability
			Highest Speed Plan	10.0/2.0	54.95	Customized	Customized	Limited Availability
			Mid Tier Plan	3.0/1.0	39.95	Customized	Customized	Limited Availability
	Kinex	900 MHz wireless	Entry Level Plan	768k/256k	29.95	768k/256k	29.95	Limited Availability
			Highest Speed Plan	5.0/512k	49.95	5.0/512k	79.95	Limited Availability
			Mid Tier Plan	1.5/256k	34.95	1.5/256k	39.95	Limited Availability
Town	Embarq	DSL	Entry Level Plan	768k/512k	29.95	Customized	Customized	Limited Availability
			Highest Speed Plan	10.0/2.0	54.95	Customized	Customized	Limited Availability
			Mid Tier Plan	3.0/1.0	39.95	Customized	Customized	Limited Availability
	Kinex	900 MHz wireless	Entry Level Plan	768k/256k	29.95	768k/256k	29.95	Limited Availability
			Highest Speed Plan	5.0/512k	49.95	5.0/512k	79.95	Limited Availability
			Mid Tier Plan	1.5/256k	34.95	1.5/256k	39.95	Limited Availability
Other Area	No First Provider	N/A	Entry Level Plan	N/A	N/A	N/A	N/A	N/A
			Highest Speed Plan	N/A	N/A	N/A	N/A	N/A
			Mid Tier Plan	N/A	N/A	N/A	N/A	N/A
	No Second Provider	N/A	Entry Level Plan	N/A	N/A	N/A	N/A	N/A
			Highest Speed Plan	N/A	N/A	N/A	N/A	N/A
			Mid Tier Plan	N/A	N/A	N/A	N/A	N/A

County, Virginia								
Service Area	Last Mile Services Provider	Technology Platform	Service Tier	Advertised Residential Offering		Advertised Business Offering		Other Comments
				Downstream Speed (Mbps)	Price	Downstream Speed (Mbps)	Price	
Town	Embarq	DSL	Entry Level Plan	768k/512k	29.95	Customized	Customized	Limited Availability
			Highest Speed Plan	10.0/2.0	54.95	Customized	Customized	Limited Availability
			Mid Tier Plan	3.0/1.0	39.95	Customized	Customized	Limited Availability
	Tianet	900 MHz Wireless	Entry Level Plan	768k/256k	50.00	768k/256k	70.00	Limited Availability
			Highest Speed Plan	1.5/256k	50.00	1.5/256k	90.00	Limited Availability
			Mid Tier Plan	N/A	N/A	N/A	N/A	N/A
Town	Verizon	DSL	Entry Level Plan	1.0/384k	17.99	Customized	Customized	Limited availability
			Highest Speed Plan	7.1/768k	39.99	Customized	Customized	Limited availability
			Mid Tier Plan	3.0/768k	29.99	Customized	Customized	Limited availability
	No Second Provider	N/A	Entry Level Plan	N/A	N/A	N/A	N/A	N/A
			Highest Speed Plan	N/A	N/A	N/A	N/A	N/A
			Mid Tier Plan	N/A	N/A	N/A	N/A	N/A
Town	Tianet	900 MHz Wireless	Entry Level Plan	768k/256k	50.00	768k/256k	70.00	Limited Availability
			Highest Speed Plan	1.5/256k	50.00	1.5/256k	90.00	Limited Availability
			Mid Tier Plan	N/A	N/A	N/A	N/A	N/A
	Comcast	Cable	Entry Level Plan	1.0/512k	24.95	Customized	Customized	Limited Availability
			Highest Speed Plan	16.0/2.0	52.95	Customized	Customized	Limited Availability
			Mid Tier Plan	12.0/2.0	42.95	Customized	Customized	Limited Availability
Other Area	Embarq	DSL	Entry Level Plan	768k/512k	29.95	Customized	Customized	Limited Availability
			Highest Speed Plan	10.0/2.0	54.95	Customized	Customized	Limited Availability
			Mid Tier Plan	3.0/1.0	39.95	Customized	Customized	Limited Availability
	BIT	DSL	Entry Level Plan	1.5/256k	49.95	1.5/512k	59.95	Limited Availability
			Highest Speed Plan	3.0/1.0	69.95	Customized	Customized	Limited Availability
			Mid Tier Plan	2.0/512k	59.95	Customized	Customized	Limited Availability

██████████ County, Virginia								
Service Area	Last Mile Services Provider	Technology Platform	Service Tier	Advertised Residential Offering		Advertised Business Offering		Other Comments
				Downstream Speed (Mbps)	Price	Downstream Speed (Mbps)	Price	
██████████ Town	Embarq	DSL	Entry Level Plan	768k/512k	29.95	Customized	Customized	Limited Availability
			Highest Speed Plan	10.0/2.0	54.95	Customized	Customized	Limited Availability
			Mid Tier Plan	3.0/1.0	39.95	Customized	Customized	Limited Availability
	Kinex	900 MHz wireless	Entry Level Plan	768k/256k	29.95	768k/256k	29.95	Limited Availability
			Highest Speed Plan	5.0/512k	49.95	5.0/512k	79.95	Limited Availability
			Mid Tier Plan	1.5/256k	34.95	1.5/256k	39.95	Limited Availability
	Jet Broadband	Cable	Entry Level Plan	1.5/256k	29.95	Customized	Customized	Limited Availability
			Highest Speed Plan	8.0/1.0	59.95	Customized	Customized	Limited Availability
			Mid Tier Plan	5.0/1.0	39.95	Customized	Customized	Limited Availability
	Comcast	Cable	Entry Level Plan	1.0/512k	24.95	Customized	Customized	Limited Availability
			Highest Speed Plan	16.0/2.0	52.95	Customized	Customized	Limited Availability
			Mid Tier Plan	12.0/2.0	42.95	Customized	Customized	Limited Availability
██████████ Town	Embarq	DSL	Entry Level Plan	768k/512k	29.95	Customized	Customized	Limited Availability
			Highest Speed Plan	10.0/2.0	54.95	Customized	Customized	Limited Availability
			Mid Tier Plan	3.0/1.0	39.95	Customized	Customized	Limited Availability
	Jet Broadband	Cable	Entry Level Plan	1.5/256k	29.95	Customized	Customized	Limited Availability
			Highest Speed Plan	8.0/1.0	59.95	Customized	Customized	Limited Availability
			Mid Tier Plan	5.0/1.0	39.95	Customized	Customized	Limited Availability
	Comcast	Cable	Entry Level Plan	1.0/512k	24.95	Customized	Customized	Limited Availability
			Highest Speed Plan	16.0/2.0	52.95	Customized	Customized	Limited Availability
			Mid Tier Plan	12.0/2.0	42.95	Customized	Customized	Limited Availability

[REDACTED] County, Virginia (continued)								
Service Area	Last Mile Services Provider	Technology Platform	Service Tier	Advertised Residential Offering		Advertised Business Offering		Other Comments
				Downstream Speed (Mbps)	Price	Downstream Speed (Mbps)	Price	
[REDACTED] Town	Embarq	DSL	Entry Level Plan	768k/512k	29.95	Customized	Customized	Limited Availability
			Highest Speed Plan	10.0/2.0	54.95	Customized	Customized	Limited Availability
			Mid Tier Plan	3.0/1.0	39.95	Customized	Customized	Limited Availability
	Kinex	900 MHz wireless	Entry Level Plan	768k/256k	29.95	768k/256k	29.95	Limited Availability
			Highest Speed Plan	5.0/512k	49.95	5.0/512k	79.95	Limited Availability
			Mid Tier Plan	1.5/256k	34.95	1.5/256k	39.95	Limited Availability
	Jet Broadband	Cable	Entry Level Plan	1.5/256k	29.95	Customized	Customized	Limited Availability
			Highest Speed Plan	8.0/1.0	59.95	Customized	Customized	Limited Availability
			Mid Tier Plan	5.0/1.0	39.95	Customized	Customized	Limited Availability
[REDACTED] Other Area	No First Provider	N/A	Entry Level Plan	N/A	N/A	N/A	N/A	N/A
			Highest Speed Plan	N/A	N/A	N/A	N/A	N/A
			Mid Tier Plan	N/A	N/A	N/A	N/A	N/A
	No Second Provider	N/A	Entry Level Plan	N/A	N/A	N/A	N/A	N/A
			Highest Speed Plan	N/A	N/A	N/A	N/A	N/A
			Mid Tier Plan	N/A	N/A	N/A	N/A	N/A

County, Virginia								
Service Area	Last Mile Services Provider	Technology Platform	Service Tier	Advertised Residential Offering		Advertised Business Offering		Other Comments
				Downstream Speed (Mbps)	Price	Downstream Speed (Mbps)	Price	
Town	Embarq	DSL	Entry Level Plan	768k/512k	29.95	Customized	Customized	Limited Availability
			Highest Speed Plan	10.0/2.0	54.95	Customized	Customized	Limited Availability
			Mid Tier Plan	3.0/1.0	39.95	Customized	Customized	Limited Availability
	Kinex	900 MHz wireless	Entry Level Plan	768k/256k	29.95	768k/256k	29.95	Limited Availability
			Highest Speed Plan	5.0/512k	49.95	5.0/512k	79.95	Limited Availability
			Mid Tier Plan	1.5/256k	34.95	1.5/256k	39.95	Limited Availability
	Jet Broadband	Cable	Entry Level Plan	1.5/256k	29.95	Customized	Customized	Limited Availability
			Highest Speed Plan	8.0/1.0	59.95	Customized	Customized	Limited Availability
			Mid Tier Plan	5.0/1.0	39.95	Customized	Customized	Limited Availability
Town	Embarq	DSL	Entry Level Plan	768k/512k	29.95	Customized	Customized	Limited Availability
			Highest Speed Plan	10.0/2.0	54.95	Customized	Customized	Limited Availability
			Mid Tier Plan	3.0/1.0	39.95	Customized	Customized	Limited Availability
	Kinex	900 MHz wireless	Entry Level Plan	768k/256k	29.95	768k/256k	29.95	Limited Availability
			Highest Speed Plan	5.0/512k	49.95	5.0/512k	79.95	Limited Availability
			Mid Tier Plan	1.5/256k	34.95	1.5/256k	39.95	Limited Availability
Town	No First Provider	N/A	Entry Level Plan	N/A	N/A	N/A	N/A	N/A
			Highest Speed Plan	N/A	N/A	N/A	N/A	N/A
			Mid Tier Plan	N/A	N/A	N/A	N/A	N/A
	No Second Provider	N/A	Entry Level Plan	N/A	N/A	N/A	N/A	N/A
			Highest Speed Plan	N/A	N/A	N/A	N/A	N/A
			Mid Tier Plan	N/A	N/A	N/A	N/A	N/A
Other Area	Embarq	DSL	Entry Level Plan	768k/512k	29.95	Customized	Customized	Limited Availability
			Highest Speed Plan	10.0/2.0	54.95	Customized	Customized	Limited Availability
			Mid Tier Plan	3.0/1.0	39.95	Customized	Customized	Limited Availability
	Kinex	900 MHz wireless	Entry Level Plan	768k/256k	29.95	768k/256k	29.95	Limited Availability
			Highest Speed Plan	5.0/512k	49.95	5.0/512k	79.95	Limited Availability
			Mid Tier Plan	1.5/256k	34.95	1.5/256k	39.95	Limited Availability

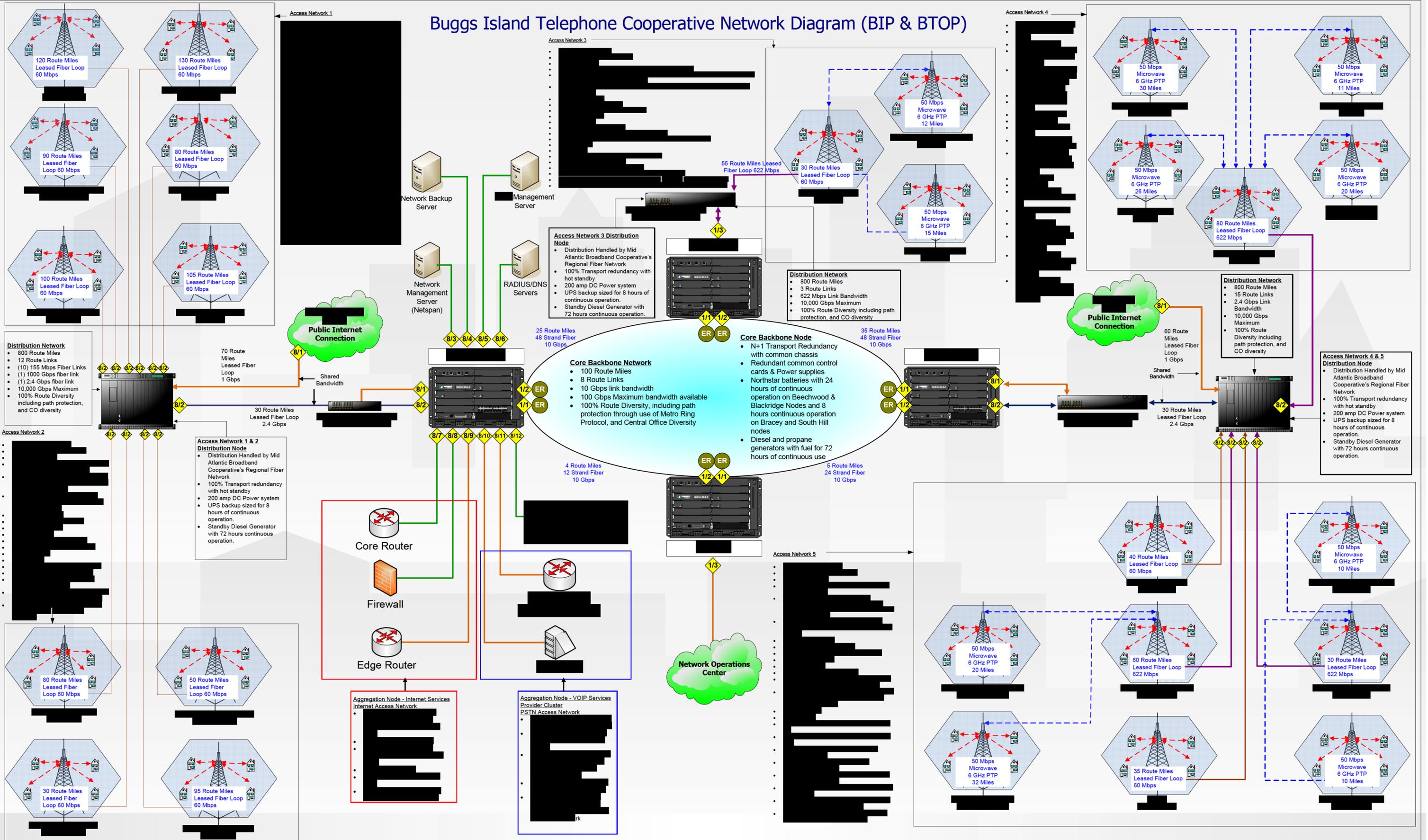
County, Virginia								
Service Area	Last Mile Services Provider	Technology Platform	Service Tier	Advertised Residential Offering		Advertised Business Offering		Other Comments
				Downstream Speed (Mbps)	Price	Downstream Speed (Mbps)	Price	
[REDACTED]	No First Provider	N/A	Entry Level Plan	N/A	N/A	N/A	N/A	N/A
			Highest Speed Plan	N/A	N/A	N/A	N/A	N/A
			Mid Tier Plan	N/A	N/A	N/A	N/A	N/A
	No Second Provider	N/A	Entry Level Plan	N/A	N/A	N/A	N/A	N/A
			Highest Speed Plan	N/A	N/A	N/A	N/A	N/A
			Mid Tier Plan	N/A	N/A	N/A	N/A	N/A
[REDACTED] Town	No First Provider	N/A	Entry Level Plan	N/A	N/A	N/A	N/A	N/A
			Highest Speed Plan	N/A	N/A	N/A	N/A	N/A
			Mid Tier Plan	N/A	N/A	N/A	N/A	N/A
	No Second Provider	N/A	Entry Level Plan	N/A	N/A	N/A	N/A	N/A
			Highest Speed Plan	N/A	N/A	N/A	N/A	N/A
			Mid Tier Plan	N/A	N/A	N/A	N/A	N/A
[REDACTED] Town	No First Provider	N/A	Entry Level Plan	N/A	N/A	N/A	N/A	N/A
			Highest Speed Plan	N/A	N/A	N/A	N/A	N/A
			Mid Tier Plan	N/A	N/A	N/A	N/A	N/A
	No Second Provider	N/A	Entry Level Plan	N/A	N/A	N/A	N/A	N/A
			Highest Speed Plan	N/A	N/A	N/A	N/A	N/A
			Mid Tier Plan	N/A	N/A	N/A	N/A	N/A
[REDACTED] Town	Verizon	DSL	Entry Level Plan	1.0/384k	17.99	Customized	Customized	Limited availability
			Highest Speed Plan	7.1/768k	39.99	Customized	Customized	Limited availability
			Mid Tier Plan	3.0/768k	29.99	Customized	Customized	Limited availability
	No Second Provider	N/A	Entry Level Plan	N/A	N/A	N/A	N/A	N/A
			Highest Speed Plan	N/A	N/A	N/A	N/A	N/A
			Mid Tier Plan	N/A	N/A	N/A	N/A	N/A

County, Virginia (continued)								
Service Area	Last Mile Services Provider	Technology Platform	Service Tier	Advertised Residential Offering		Advertised Business Offering		Other Comments
				Downstream Speed (Mbps)	Price	Downstream Speed (Mbps)	Price	
Town	No First Provider	N/A	Entry Level Plan	N/A	N/A	N/A	N/A	N/A
			Highest Speed Plan	N/A	N/A	N/A	N/A	N/A
			Mid Tier Plan	N/A	N/A	N/A	N/A	N/A
	No Second Provider	N/A	Entry Level Plan	N/A	N/A	N/A	N/A	N/A
			Highest Speed Plan	N/A	N/A	N/A	N/A	N/A
			Mid Tier Plan	N/A	N/A	N/A	N/A	N/A
Town	No First Provider	N/A	Entry Level Plan	N/A	N/A	N/A	N/A	N/A
			Highest Speed Plan	N/A	N/A	N/A	N/A	N/A
			Mid Tier Plan	N/A	N/A	N/A	N/A	N/A
	No Second Provider	N/A	Entry Level Plan	N/A	N/A	N/A	N/A	N/A
			Highest Speed Plan	N/A	N/A	N/A	N/A	N/A
			Mid Tier Plan	N/A	N/A	N/A	N/A	N/A
Other Area	No First Provider	N/A	Entry Level Plan	N/A	N/A	N/A	N/A	N/A
			Highest Speed Plan	N/A	N/A	N/A	N/A	N/A
			Mid Tier Plan	N/A	N/A	N/A	N/A	N/A
	No Second Provider	N/A	Entry Level Plan	N/A	N/A	N/A	N/A	N/A
			Highest Speed Plan	N/A	N/A	N/A	N/A	N/A
			Mid Tier Plan	N/A	N/A	N/A	N/A	N/A

[REDACTED], Virginia								
Service Area	Last Mile Services Provider	Technology Platform	Service Tier	Advertised Residential Offering		Advertised Business Offering		Other Comments
				Downstream Speed (Mbps)	Price	Downstream Speed (Mbps)	Price	
[REDACTED] Town	No First Provider	N/A	Entry Level Plan	N/A	N/A	N/A	N/A	N/A
			Highest Speed Plan	N/A	N/A	N/A	N/A	N/A
			Mid Tier Plan	N/A	N/A	N/A	N/A	N/A
	No Second Provider	N/A	Entry Level Plan	N/A	N/A	N/A	N/A	N/A
			Highest Speed Plan	N/A	N/A	N/A	N/A	N/A
			Mid Tier Plan	N/A	N/A	N/A	N/A	N/A
[REDACTED] Town	No First Provider	N/A	Entry Level Plan	N/A	N/A	N/A	N/A	N/A
			Highest Speed Plan	N/A	N/A	N/A	N/A	N/A
			Mid Tier Plan	N/A	N/A	N/A	N/A	N/A
	No Second Provider	N/A	Entry Level Plan	N/A	N/A	N/A	N/A	N/A
			Highest Speed Plan	N/A	N/A	N/A	N/A	N/A
			Mid Tier Plan	N/A	N/A	N/A	N/A	N/A
[REDACTED] Town	No First Provider	N/A	Entry Level Plan	N/A	N/A	N/A	N/A	N/A
			Highest Speed Plan	N/A	N/A	N/A	N/A	N/A
			Mid Tier Plan	N/A	N/A	N/A	N/A	N/A
	No Second Provider	N/A	Entry Level Plan	N/A	N/A	N/A	N/A	N/A
			Highest Speed Plan	N/A	N/A	N/A	N/A	N/A
			Mid Tier Plan	N/A	N/A	N/A	N/A	N/A
[REDACTED] Other Area	No First Provider	N/A	Entry Level Plan	N/A	N/A	N/A	N/A	N/A
			Highest Speed Plan	N/A	N/A	N/A	N/A	N/A
			Mid Tier Plan	N/A	N/A	N/A	N/A	N/A
	No Second Provider	N/A	Entry Level Plan	N/A	N/A	N/A	N/A	N/A
			Highest Speed Plan	N/A	N/A	N/A	N/A	N/A
			Mid Tier Plan	N/A	N/A	N/A	N/A	N/A

[REDACTED] County, Virginia								
Service Area	Last Mile Services Provider	Technology Platform	Service Tier	Advertised Residential Offering		Advertised Business Offering		Other Comments
				Downstream Speed (Mbps)	Price	Downstream Speed (Mbps)	Price	
[REDACTED] Town	Overlapping Census Community	N/A	Entry Level Plan	N/A	N/A	N/A	N/A	N/A
			Highest Speed Plan	N/A	N/A	N/A	N/A	N/A
			Mid Tier Plan	N/A	N/A	N/A	N/A	N/A
	Overlapping Census Community	N/A	Entry Level Plan	N/A	N/A	N/A	N/A	N/A
			Highest Speed Plan	N/A	N/A	N/A	N/A	N/A
			Mid Tier Plan	N/A	N/A	N/A	N/A	N/A
[REDACTED] Town	Verizon	DSL	Entry Level Plan	1.0/384k	17.99	Customized	Customized	Limited availability
			Highest Speed Plan	7.1/768k	39.99	Customized	Customized	Limited availability
			Mid Tier Plan	3.0/768k	29.99	Customized	Customized	Limited availability
	No Second Provider	N/A	Entry Level Plan	N/A	N/A	N/A	N/A	N/A
			Highest Speed Plan	N/A	N/A	N/A	N/A	N/A
			Mid Tier Plan	N/A	N/A	N/A	N/A	N/A
[REDACTED] Town	Verizon	DSL	Entry Level Plan	1.0/384k	17.99	Customized	Customized	Limited availability
			Highest Speed Plan	7.1/768k	39.99	Customized	Customized	Limited availability
			Mid Tier Plan	3.0/768k	29.99	Customized	Customized	Limited availability
	No Second Provider	N/A	Entry Level Plan	N/A	N/A	N/A	N/A	N/A
			Highest Speed Plan	N/A	N/A	N/A	N/A	N/A
			Mid Tier Plan	N/A	N/A	N/A	N/A	N/A
[REDACTED] Town	Verizon	DSL	Entry Level Plan	1.0/384k	17.99	Customized	Customized	Limited availability
			Highest Speed Plan	7.1/768k	39.99	Customized	Customized	Limited availability
			Mid Tier Plan	3.0/768k	29.99	Customized	Customized	Limited availability
	No Second Provider	N/A	Entry Level Plan	N/A	N/A	N/A	N/A	N/A
			Highest Speed Plan	N/A	N/A	N/A	N/A	N/A
			Mid Tier Plan	N/A	N/A	N/A	N/A	N/A
[REDACTED] Other Area	No First Provider	N/A	Entry Level Plan	N/A	N/A	N/A	N/A	N/A
			Highest Speed Plan	N/A	N/A	N/A	N/A	N/A
			Mid Tier Plan	N/A	N/A	N/A	N/A	N/A
	No Second Provider	N/A	Entry Level Plan	N/A	N/A	N/A	N/A	N/A
			Highest Speed Plan	N/A	N/A	N/A	N/A	N/A
			Mid Tier Plan	N/A	N/A	N/A	N/A	N/A

Buggs Island Telephone Cooperative Network Diagram (BIP & BTOP)



Author: Zeb Elliott

Description: Buggs Island Telephone Core Network

Created: 8/2009

Modified: 8/2009

Filename: BIT Core Network Rev 02

Version: 1.00

Legend:



- 10/100 Ethernet
- 1 Gigabit Ethernet
- 10 Gigabit Ethernet
- OC-12 622 Mbps
- Microwave 100 Mbps
- Wireless Last mile
- OC-3 155 Mbps
- OC-48 2.4 Gbps

Legend

- ISP - Internet Service Provider
- POP - Point of Presence
- PTP - Point to Point
- PTMP - Point to Multi Point
- TDD - Time Division Duplexing
- MBC - MidAtlantic Broadband Cooperative
- BIT - Buggs Island Telephone Cooperative
- CO - Central Office
- QOS - Quality of Service
- Slot and Port Destination on Core Transport