

OFFICIAL APRIL 2012 UPDATE SUBMISSION TO
THE NATIONAL TELECOMMUNICATIONS AND INFORMATION
ADMINISTRATION UNDER THE
STATE BROADBAND INITIATIVE PROGRAM FOR THE
STATE OF FLORIDA



April 1, 2012

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BROADBAND FLORIDA COVER LETTER

April 1, 2012

Ms. Anne W. Neville
SBI Grant Program Director
National Telecommunications and Information Administration
U.S. Department of Commerce
1401 Constitution Avenue, NW Room 4716
Washington, DC 20230

Dear Ms. Neville:

The state of Florida is pleased to present this submission for Florida's State Broadband Initiative (SBI) Grant Program.

These artifacts should be found to be compliant with the October 1, 2011, deadline for the semi-annual data update and in accordance with the terms of the July 1, 2009, Notice of Funds Availability (NOFA) and all subsequent clarifications pertaining to delivery of state-level mapping of broadband service availability.

Within the timeframe of this reporting cycle the Florida Department of Management Services (the Department or DMS) transitioned services from our former contractor to an interim contractor and took on the responsibility for the data outreach and collection portion of the project while issuing an Invitation to Negotiate (ITN) and following the process to secure a new contract for GIS services. In doing so, the Department successfully negotiated non-disclosure agreements prior to receiving data from most providers. The Department also launched a concentrated effort and obtained broadband connection information for community anchor institutions (CAIs) with a specific focus on schools. Through the coordination of our interim contractor, the Tampa Bay Regional Planning Council, and GeoPlan, which is affiliated with the University of Florida, we were able to add broadband connection data to several thousand schools in Florida.

This April 2012 semi-annual data update under the State Broadband Initiative Grant Program continues to demonstrate our dedication to implementing the joint purposes of the Recovery Act and the Broadband Data Improvement Act (BDIA) by gathering comprehensive and accurate state-level broadband mapping data, developing state-level broadband maps, aiding in the development and maintenance of the National Broadband Map, and undertaking statewide initiatives for broadband planning.

Broadband Service Availability — Provider Outreach and Verification

The Department made every effort to contact the providers and sent each non-responsive company an individual coverage map requesting that the provider either confirm or correct the information. A complete roster by provider depicting participation status is included in the narrative. This data update submission under the SBI program includes datasets for approximately 50 percent of the Florida

provider community, or 40 of 80 total providers. Of the 30 actively participating providers, 20 supplied an update to their network or coverage area(s), although only 17 of those updates arrived in time or with usable data to include in this submission. A total of 10 providers reported there was no change in their coverage area; however, not all of those providers could be captured in the dataset because they did not resubmit middle mile data. A breakdown of middle mile data follows. There are 17 providers who previously supplied data but were non-responsive in the April 2012 update effort; therefore their previous dataset is being put forward as part of this compilation. Of all of the providers that are not represented in the attached datasets, only 1 refused to participate in the voluntary program and 38 were non-responsive to multiple contact attempts.

Because Broadband Florida did not have access to previously submitted middle mile data, there is a gap in that portion of our submission. There are 2 providers that reported no change, but did not resubmit middle mile data. There are a total of 12 non-responsive providers that responded in earlier submissions with middle mile data. The previous data for all 14 providers could not be included in the dataset because our former contractor refused to provide it to the state.

Broadband Florida believes that all commercially reasonable efforts were made to account for 100 percent of the known Florida broadband provider community, pursuant to this semi-annual data update submission.

Broadband Florida established a new state mapping tool, which can be found at <http://bb-prod.geoplan.ufl.edu/flexviewer/>, includes additional datasets not required by NTIA, a street level view widget, the ability to identify broadband coverage and providers by address, and layer selection capability. The mapping tool is still in the development phase and will soon include a modified data organizational structure and an Ookla speed test that was purchased for use in conjunction with the map to verify provider coverage information. The performance of the new tool is substantially better than our previous version and will be featured on the Broadband Florida website. The Department contracted with a marketing firm to develop and produce a high quality product to showcase the Broadband Florida initiatives. The new site will include pages for each of the Broadband Florida funded projects, various surveys to collect data, a way for consumers to contact members of the Broadband Florida team, opportunities for consumers to submit feedback and useful historical and reference information.

Community Anchor Institutions

DMS made the decision to aggressively collect data on the location and broadband connectivity of CAIs, in accordance with the data requirements of the SBI NOFA Technical Appendix.

The Department extracted library information from the assessments produced by the Library Assessment Project, completely reviewed and updated CAIs using MyFloridaNet, the statewide technology network, and made use of publicly available school connectivity data available through utilization of and application for e-rate funding. The Department also made the decision to replace some existing CAI data with data that is collected by GeoPlan and subject to rigorous quality control protocols and verification methodology. In addition to providing accuracy, the data collected by GeoPlan is updated on a specific schedule and will be easy to connect to our database to ensure continued relevance and accuracy.

The Department also reached out and established relationships with the Department of Health, the Department of Education, the Agency for Healthcare Administration and other associations throughout the state which we plan to use to develop a strategy to obtain additional CAI broadband connectivity. DMS recognizes the role that statewide associations play in promoting the importance of broadband connectivity at anchor institutions and participation in this data collection process. The Department will continue to build upon these new relationships over the coming months and utilize its contacts throughout the state to collect data and raise awareness of this project.

We appreciate the chance to participate in the SBI project and believe that the projects have and will create opportunities for citizens of Florida throughout all regions and demographic categories in the state. We plan to continue to bring best practices to our efforts, along with an investment of both human and technical resources required to reach our goal of increasing the data that is secured and reported as part of this process.

If you have any questions about this Data Narrative, please do not hesitate to contact me, at (850) 410-0709.

Respectfully submitted,

Bill Price
Director of Broadband Programs
Department of Management Services
State of Florida

THE TRANSITION IN ACTIVITIES FROM CONNECTED NATION TO THE BROADBAND FLORIDA TEAM

During the data submission cycle ending on October 1, 2011, Broadband Florida took major steps in improving Broadband Florida's ability to collect and publish broadband data, to ensure broadband access throughout the State, and to maximize the impact of broadband availability. This data narrative focuses on the data collection and publication activities of the Broadband Florida Team.

In these efforts, Broadband Florida assumed full responsibility for the data-collection activities from broadband providers in the State. Assuming this role is vital to achieve the State's goals with regard to improving broadband access and adoption. In 2010 and 2011, Broadband Florida had worked together with a subcontractor, Connected Nation, in performing this function for the data collection cycles that ended on March 31, 2010, October 8, 2010, April 1, 2011, and on October 1, 2011. As part of the transition from Connected Nation to Broadband Florida, as of the end of the contract date with Connected Nation, December 31, 2011, Broadband Florida established its own Non-Disclosure Agreements (NDAs) with broadband providers for confidential information. Broadband Florida also collected updated information from providers throughout the State. The protection of the NDA used by Broadband Florida did not differ from the NDA used by Connected Nation as, per state law, a contractor acting as an arm of the state is subject to compliance with all state public record laws. However, Connected Nation was not willing to provide Broadband Florida with the confidential information that Connected Nation collected on behalf of the state of Florida. Therefore, Broadband Florida had to obtain NDAs in its own name with providers. This process decreased the time period in which Broadband Florida had to process and verify the data. In some instances data was not received until the last week of March. Our contractor, the Tampa Bay Regional Planning Council, did everything possible to include all submitted data regardless of submission date. Their effort and flexibility enabled us to provide as much updated data as possible to the NTIA.

Our previous subcontractor, Connected Nation, did provide Broadband Florida with the non-confidential broadband provider information at the Census block level as of June 30, 2011. As a result of obtaining this data, the Broadband Florida team, consisting of DMS, the Tampa Bay Regional Planning Council, and GeoPlan, undertook an effort to rebuild and re-launch the Broadband Florida mapping tool. The site displays additional datasets and meets performance standards that were not achievable using the BroadbandStat tool. The site is live, but remains in the development stage.

PROVIDER OUTREACH BY BROADBAND FLORIDA

Beginning on January 13, 2012, all providers were sent requests to reestablish a Non-Disclosure Agreement between Broadband Florida and the provider. Since Broadband Florida would now be collecting the data without the assistance of Connected Nation, it was necessary to start this process from the beginning. Of the providers included in the data package, Broadband Florida managed to execute an NDA with all of the organizations that require an NDA prior to data submission (16). Broadband Florida will continue to pursue NDAs with providers that were non-responsive and/or had no update and therefore did not require an NDA. As part of the same

request, every provider was asked whether or not they had new data, as of December 31, 2010, that they would be including in our April 1, 2011, submission. Similar requests were sent to those providers that did not respond to the initial outreach multiple times via email and placing personal calls to the organizations.

DATA ACQUISITION: FLORIDA COMMUNITY ANCHOR INSTITUTIONS METHODOLOGY

Broadband Florida (DMS and its contractors) put forth considerable efforts within this reporting period to, not only identify additional broadband connectivity information, but also to ensure quality of the existing dataset. The CAI data was audited by our contractor and modified to increase accuracy.

Additionally, the Department obtained all new data, which consisted of over 4,800 locations, for entities that utilize the state network known as MyFloridaNet. The data was divided into subcategories to increase usability and value of the data to consumers and other state agencies.

The CAI featureclass was enhanced to provide more broadband information percentage overall. The data was reviewed over a period of time and due to data quality and ambiguity the Department decided to repopulate the CAI data from scratch with the intent of tracking the source and quality of the derived data. Broadband Florida also decided to ensure that all CAI data collected could be mapped back to the original sources through the use of unique identifiers that exist in public datasets to ensure that the data could be updated on a regular basis. Where the CAI universe was around 18,000 previously and the known sites with broadband service was 5,020, this submission round has increased the percentage of known broadband serviced sites to 7,385 out of a universe of 12,755. The confidence level of site placement is greater as well for sites that still have unknown broadband status. Geocoding was run through multiple address locators for higher match scores. As stated above, particular attention was paid to transferring record IDs where possible from source data.

While we attempted to collect broadband connectivity data from schools and libraries in the past, our response rate was not very high. With this in mind, we took an alternative approach to collecting school and library information for this reporting period. Schools and library information for the institutions that utilize e-rate funding is publicly available through the Universal Service Administration Company (USAC) website. USAC's data retrieval tool in combination with its form displays yielded information on several thousand schools. This is just a subset of what is available from USAC, but because of the format in which the data is released, much of the data collection consisted of manual lookup exercises. We did send a request to USAC asking for access to the data in a format whereby we could automate the process, but the request was denied. We encourage the NTIA to pursue coordination with USAC as every state would benefit from the inclusion of such data. DMS will continue to process and look up connectivity information to include in future submissions.

The Department's mission is to continue to seek out CAI data resources and to promote the importance of the project to CAIs within the state. Participation by these institutions will raise awareness about the importance of broadband connectivity and the need to report the requested data for inclusion on the National Broadband Map. The Department of Management Services will

continue working to identify new outreach methods that will be beneficial to the project.

A CAI summary of all processed and submitted data is provided below:

CAI Type	Total	Physical Address	Lat/Long	Technology of Transmission	Download Speed	Upload Speed
K-12	6.804	6.804	6.804	10	719	0
Libraries	1.083	1.083	1.083	494	509	66
Healthcare	421	421	421	421	420	0
Public Safety	1.321	1.321	1.321	1321	1.318	0
Higher Ed	660	660	660	87	87	0
Other Government	2.179	2.179	2.179	2.179	2.170	0
Other Non-	287	287	287	287	287	0
Total	12.755	12.755	12.755	4.799	5.510	66

SBI DATA SUBMISSION METHODOLOGY

The submission of the broadband dataset for April 1, 2012, is contained within the SBI Data Transfer Model as released on the Grantee Workspace on January 2, 2012. Broadband Florida has reviewed all literature that relates to the release and use of this data transfer model and recognizes that it does not replace or dictate how data is stored, processed, or displayed for the state, as it is meant primarily as a means to transfer the broadband data from all states and territories and populate the National Broadband Map in a seamless fashion. Guidance from the Technical Mapping Guide, as released on the Grantee Workspace, as well as the pre-submission webinar the week of the submission to NTIA, was also followed to ensure the completeness and validity of the submission.

Unlike the Data Package spreadsheet request last submission that included any and all possible service providers, NTIA has requested a provider worksheet page to reflect only the providers included in the geodatabase submission. A table that summarizes the status of all providers can be found at the end of the narrative. Providers deemed non-viable that have been excluded from continued outreach may have been eliminated for reasons such as (i) the company offers Internet service but at speeds below the current definition of broadband; (ii) the company was listed in advertisements as a broadband provider, but is actually a network solution or consulting firm, etc.; (iii) the company may build or install network infrastructure, but does not actually provide the broadband service to consumers; and (iv) the company has gone out of business.

In addition to the methodologies contained herein, as well as the DataPackage.xls containing contact information, the data dictionary, and a provider summary table, the following feature classes are submitted within the SBI Data Transfer Model for the state of Florida.

Inventory of Deliverables, Broadband Florida: April 1, 2012

NOFA Requirement	Data Transfer Model	Data Description
Appendix A: 1(a)(i)	BB_Service_CensusBlock	Broadband service availability of facilities-based providers. Encompassed in Census Blocks of no greater than two square miles in area.
Appendix A: 1(a)(ii)	BB_Service_RoadSegment	Broadband service availability of facilities-based providers by road segment in Census Blocks larger in area than two square miles.
Appendix A: 1(b)	BB_Service_Wireless	Broadband service availability of wireless services not provided to a specific address.
Appendix A: 3(b)	BB_ConnectionPoint_MiddleMile	Broadband service infrastructure Middle-Mile locations
Appendix A: 4	BB_Service_CAInstitutions	Community anchor institution locations

The provider data collected by Broadband Florida has been formatted per the given specifications and uploaded into the appropriate feature classes of the SBI Data Transfer Model. Wireline availability is contained within census blocks and road segments, wireless availability is contained as polygons of coverage areas, and middle-mile connections and Community Anchor Institutions are contained as point data. All speed data is contained at the census block, road segment, address point, or wireless polygon level of availability. All efforts have been made to comply with formatting, domain, and metadata requirements to include as much information as possible.

Broadband Florida, through its contractors, has continued reach out to satellite providers on their availability, technology, and speed information, but focused sub-state coverage is not yet available. Included within the wireless feature class are the satellite companies providing service to Florida as a polygon of the state boundary.

ACCURACY AND VERIFICATION: PROVIDER VALIDATION METHODOLOGY

Broadband providers maintain their service area data in many different formats, all in varying levels of complexity and resolution. The NTIA has assigned various levels of classification for the bandwidth speed and transmission technology. These classifications are not a perfect fit for all providers, but the data they submit in a variety of formats has to be molded into a common framework, and this framework is the geodatabase with stacked layers. Having these stacked layers in a mappable geodatabase does not necessarily mean they are correct. A number of checks and balances must be performed to ensure a reasonable snapshot of the last six months of broadband availability in the state of Florida. These methods include (but are not limited to): *spatial coverage provider verification, topological validation and table consistency checks, public feedback, propagation modeling, enhanced covert purchase validation, speedtest metrics, and field signal validation.*

Spatial Verification

Once these featureclasses or layers in the geodatabase are checked for spatial errors and anomalies, check plots are provided to the provider for initial verification. If further detail and focus is required, Broadband Florida devotes attention to the provider and verification correction begins. The resulting map(s) and review process allow for providers to see their service area in a geographic format – for some providers, this is the first time they have seen maps of their broadband service area. Having the mapped service area allows providers to quickly identify any issues that appear in the data representation, whether the issue is in the data translation into a GIS format or from the original data collection and submission. Often data is provided from various sources and through the review and revision process, local engineers who operate the networks and work in the field are able to ensure that the tabular data that has been submitted is accurate and represents the real-world network extent. Any issues in how the service area is represented on the map(s) are remedied by Broadband Florida, whether they are additions, removal of service, or any other revisions. Revised maps of service area representations are sent to the provider for review and approval; Broadband Florida will revise data and return maps as many times as necessary until the provider is in agreement that the map represents their service area as accurately as possible. After approval by the provider, the spatial depiction of the data is considered a success.

These same layers that are deemed suitable for public viewing by the NOFA are incorporated into the web map service application on the Broadband Florida map site. Public display of the layers on the Florida map site and BroadbandMap.gov site allow the general public a chance to provide feedback if in fact service is not available where it might say it is on the maps.

Topological Validation

GIS data, when imported and created from a variety of sources can look pretty or it can look ugly. We try to prevent the data from looking ugly early in the process by running the resulting data from providers through a number of filters for lack of another term. The first filter is 'eyeballing' the data for inconsistencies and strange outliers. Much of the work involved with this SBI project involves geocoding. Geocoding results can literally be all over the map. The eyeballing of the geocoding results can pick up misses of machine coding return scores that would otherwise be considered valid. If left to using the address ranges on their own, street segment creation from address ranges can produce a messy unrealistic patchwork of availability. Another filter is transferring the data to topologically correct features. This 'conflation' process can filter out strange anomalies produced from using TIGER line files as the base for road segments. Many providers dump the TIGER line data of more than just the roads, such as water bodies and political lines. Conflation solves the strange outlier availability by transferring the data over to road segments that are spatially accurate. The result is road segments that spatially depict where broadband infrastructure would most likely be deployed. In some cases, however, even though data is transferred over to correct roads, source data reveals only a certain segment of addresses. No matter how bad it may look, over-correcting is changing the data, so only when there is logical evidence that a road segment should be extended considerably, or cut down, will we correct the data in this manner.

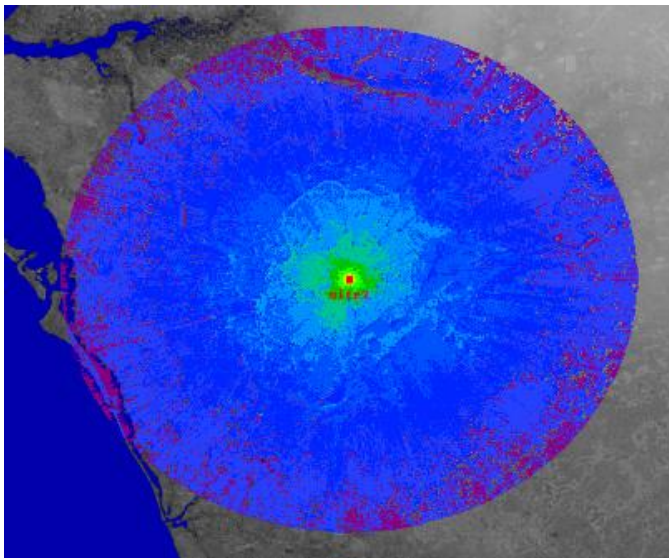
The data inside the table itself may have been exported or imported with errors. Many times,

data had been imported only to be unusable or considerable work has to get it corrected after it is inside a featureclass or shapefile. It is always best to correct the data before import or loading. This type of validation can catch improper field character imports like lat/lon values that get truncated or rounded. The same can happen of Census Block FIPS code transfers that are not properly formatted as text. ArcGIS has tendency to round those into scientific notation.

Wireless Propagation

Providers may submit wireless data in GIS format or in the form of tower locations and various output characteristics. In a perfect world, all providers would have all the data at their fingertips to produce their own propagation models. In rural Florida, service providers can be small operations. Most of the time they are understaffed, and running on a tight budget. These same providers welcome an entity to come in and do propagation analysis for them.

Broadband Florida undertook the role of propagation modeling for these small rural broadband providers. The goal is to get surface coverage of their wireless output at their designated spectrum. We chose SPLAT! to model fixed wireless in Florida. Splat can do an impressive job of coverage modeling armed with just a few key parameters. Namely, the parameters consist of the tower location in latitude and longitude, tower height, the spectrum frequency, ERP wattage, polarization of antenna, and a few other optional parameters. SPLAT! uses the Longley-Rice Irregular Terrain model as well as ITWOM v3.0 model. The following displays the typical SPLAT! results:



After converting propagation models into a geospatial format, additional processing is completed to remove the small pixels representing service present in the resulting dataset. Propagation output is delivered to the provider for verification and quality check. Further inquiries are made to determine optimum decibel range results typical end-user receives. After all verification methods have passed, the resulting field strength coverage is merged with other towers (if there are any) and loaded into SBI model with populated field attributes.

Covert Purchase Scenario Validation

Many times during the data validation process, it becomes necessary to derive real-world results for areas that may be flagged for issues or extent of coverage is questionable. One approach to validate the data is to check availability for broadband packages and services online. This used be an easier process where entering an address would get you results showing whether the broadband (DSL, cable, fiber) was available at that time. Increasingly, the service providers are building in controls that prevent random address availability to generate a yes or no for purchasing service. Currently, a few providers incorporate customer database data into the searches, so if you land on an address that has service, the application will throw up a page that asks you to call the office for availability. Sometimes it is possible, with Google Maps and guessing an address, to have the web application supply you with availability and package bundling options. Other times, no matter what address you put in, the application generates the 'please call' result. That will lead to making the phone call and the sales staff can either be helpful with divulging what service is available at that address, or they will be confused as to why you want to know if you are in another part of the state. We found it best to proceed as if you are helping out your mother who is looking to get high-speed internet. This is tricky, as the web application will display the please call page if there is a customer already at the address. By using property appraiser data, it is possible to find vacant parcels near your desired area of inquiry. This can offset the current customer issue. Providers are very helpful with this approach and are happy to help.

Field Test Verification

This verification technique has not been used very much by Broadband Florida; however, there have been some validation tests with staff that have 4G compatible devices and obtain services from providers that provide this service. In order to obtain an estimation of coverage speed, they were asked, when going to seminars and conferences away from the region, to note when 4G service cut out compared to the maps produced by the data providers submitted to us. We have found that in general, the propagation maps from the major service providers in regards to 4G speeds is within a mile or so of the depicted boundary on the map. Any error or discrepancy can be attributed to the field personnel not checking on the proper coordinates. Future tests may not be necessary due to the close results gained so far, but if undertaken, they will include GPS assistance for recording.

Speed Test Verification

Broadband Florida has continued its subscription with Ookla for website portal speedtest application to gather speedtest statistics from around the state. Ookla owns and operates Speedtest.net, as well as develops and deploys speed tests, such as the Connect Florida speed test website, for partners around the world. This network of sites that is developed and run on its testing technology provides Ookla with a vast dataset that, due to the variability of geographic information collected across the varying speed test sites, is geocoded utilizing Geo-IP technology. This technology allows for tests to be geocoded to points of aggregation, typically larger nodes across provider networks. While there are hundreds of thousands of tests

that have been conducted, the level of aggregation is only sufficient for county-level detail due to the test results being located at these larger nodes and not at an absolute location for each speed test.

Broadband Provider Status Log

No.	Filing Company DBA	Provider Type: Broadband=1, Reseller=2, Other=3, N/A=4	FRN	Viable Provider	Data Included in Submission	Responsive - Submitted Updated Data	Responsive - No Change in Data	Non-Responsive - Included Oct. 2011 Data in Submission	Non-Responsive - No Data Included in Submission
1	21Globe, Inc.	2	9999						
2	3oaks.com	4	9999						
3	561net	1	9999	✓					✓
4	650Net	4	9999						
5	A 007 Access	2	9999						
6	AAA Internet Service	4	9999						
7	Aaccess Network Communications	4	9999						
8	Access123.net	4	9999						
10	ACERX.NET	2	9999						
11	ACES of Jacksonville, Inc.	4	9999						
12	Adelphia	4	9999						
13	Advanced Cable Communications	1	0001795798	✓	✓		✓		
14	Advantage Group of Florida Communications, LLC	2	0018515692						
15	AirCom Broadband, Inc.	2	9999						
17	AirComm Associates	4	9999						
18	Airespring, Inc.	2	0006875322						
19	Airewaves Broadband, LLC	4	9999						
20	Airface	4	9999						
21	Airimba Wireless	4	9999						
22	AirLink Corporation	4	9999						
24	Airmail247.com	4	9999						
26	Airpath Wireless, Inc.	4	9999						
27	airPowered	1	0016106239	✓	✓			✓	
29	AirWire Net	2	9999						
30	Akeva	4	9999						
31	AKODI	4	9999						

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32	America Outdoors Camper Resort and Marina	4	9999						
33	American Telephone Company LLC	2	0015414642						
34	Antioch Wireless Broadband	4	9999						
35	Anywhere Internet, Inc.	4	9999						
36	AreYouOnline.Net	1	9999	✓	✓	✓			
37	Arrowheadnet.com	4	9999						
38	AstroTel, Inc.	2	0008779878						
40	AT&T Florida ⁺	1	0001857952	✓	✓	✓			
41	AT&T Mobility LLC	1	0004979233	✓	✓	✓			
42	Atlantic Broadband, LLC	2	0009596826	✓	✓			✓	
43	AugLink Communications, Inc.	4	9999						
45	bargainisp.net	4	9999						
47	Birch Communications, Inc. [^]	1	0004319299	✓					✓
48	Bluemont Networks, LLC	4	0016802266						
49	Break Free Wireless Corporation	1	9999	✓					✓
50	Brevard Wireless	1	0016346991	✓					✓
52	Bright House Networks	1	0007508237	✓	✓		✓		
53	Broadband National	2	9999						
54	Broadcore, Inc.	4	0018122523						
55	Broadstar, LLC	4	0016981573						
56	Broadview Networks Holdings, Inc.	2	0010296853						
57	BullsEye Telecom, Inc.	2	0004350930						
58	Business Telecom, Inc.	4	0003744935						
60	Cablevision of Marion County LLC	1	0011406675	✓					✓
61	CAC MediaNet, Inc.	4	9999						
62	Camino-Net Internet Services	4	9999						

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63	Caviar Corporation	4	9999						
64	Cbeyond Communications, LLC	2	0003759602						
65	CCIS.net	4	9999						
66	Celito Communications	4	9999						
67	Cellular South, Inc.	1	0013247325	✓	✓		✓	✓	
68	CenturyLink	1	0018626853	✓	✓	✓			
69	CIMA Telecom	2	0008570111						
70	Circle Net	4	9999						
72	Citi WiFi Networks	4	9999						
73	Citicom Comm Serv	4	9999						
75	Citrus Hills Cable TV, Inc.	4	9999						
78	City of Leesburg*	1	0010556496	✓					✓
79	Citynet, LLC	4	0014281588						
81	Clear	1	0017775628	✓	✓	✓			
83	ClearSurf Broadband	1	9999	✓					✓
84	Cleartouch.Com	4	9999						
85	Cogent Communications, Inc.	1	0019066034	✓					✓
87	Comcast	1	0004441663	✓	✓	✓			
88	CommFunction, LLC ⁺	1	9999	✓		✓			✓
90	Computer Cable Connection	4	9999						
91	Covad Communications Company	1	0003753753	✓	✓	✓			
93	Cox Communications	1	0001524461	✓	✓	✓			
95	Creative Network Innovations	4	9999						
96	CyberStreet Inc.	1	9999	✓					✓
98	CyberXpress, Inc.	4	9999						
100	Data Wave, Inc.	4	9999						
101	DayStar Communications	4	9999						

Broadband Provider Status Log

No.	Filing Company DBA	Provider Type: Broadband=1, Reseller=2, Other=3, N/A=4	FRN	Viable Provider	Data Included in Submission	Responsive - Submitted Updated Data	Responsive - No Change in Data	Non-Responsive - Included Oct. 2011 Data in Submission	Non-Responsive - No Data Included in Submission
102	DeltaCom	1	0005183025	✓	✓	✓			✓
103	Deltaforce	4	9999						
104	deluxehost.com	4	9999						
105	Desoto Life	1	9999	✓					✓
106	DGUI	4	9999						
107	DHR Technologies, Inc.	4	9999						
108	Dial National	4	9999						
109	Dialer.net	4	9999						
110	Digital Canopy	4	9999						
111	Digital Downtown	4	9999						
112	DISH Network Corporation	1	0010500338	✓	✓			✓	
113	Dixie-Net, Incorporated	4	9999						
114	DSL @ Interlync	2	9999						
115	DTNet	4	9999						
116	DTS-NET.COM	2	9999						
117	Dynalink Communications	2	9999						
118	eHarbor	4	9999						
119	Enventis Telecom Inc.	4	0008394322						
120	ethX.biz	4	9999						
121	ETI - Connecting Your World	2	9999						
122	eTully, Inc.	4	9999						
123	EWOL	4	9999						
124	Expedient	4	9999						
125	FairPoint Communications, Inc. ⁺	1	0001824606	✓	✓	✓			
126	Fast Dependable Access	4	9999						
127	FiberLight LLC	1	0014117139	✓					✓
128	FiberTower Corporation	4	0004237178						

Broadband Provider Status Log

No.	Filing Company DBA	Provider Type: Broadband=1, Reseller=2, Other=3, N/A=4	FRN	Viable Provider	Data Included in Submission	Responsive - Submitted Updated Data	Responsive - No Change in Data	Non-Responsive - Included Oct. 2011 Data in Submission	Non-Responsive - No Data Included in Submission
129	FLAccess, Inc.	4	9999						
130	Florida Broadband	4	9999						
131	Florida Cable, Inc.	2	0007170558						
132	Florida Georgia Online	4	9999						
133	Florida Keys Wireless	4	9999						
134	Florida LambdaRail, LLC*	1	9999	✓					✓
135	Florida Multi-Media Services, Inc.	2	0018567123						
136	Florida Phone Systems, Inc.	4	0018624494						
137	Florida Rural Broadband Alliance	4	9999						
138	Florida Wireless	4	9999						
139	FlyFi	4	9999						
140	FPL FiberNet, LLC	1	0008338683	✓					✓
141	FPUAnet Communications	1	0001813369	✓					✓
142	Frontier Communications of the South, LLC	1	0003766987	✓	✓		✓		
143	Fullsail Group	4	9999						
144	Fuzion Wireless	4	9999						
145	GBS Online	1	9999	✓					✓
146	General Computer Services Inc.	4	0018596882						
147	Global Crossing Telecommunications, Inc.	1	0002850519	✓					✓
148	Global Data Systems	4	9999						
149	Global WiFi Plus	4	9999						
150	GLS3C Systems	4	9999						
151	GRUCom*	1	0018584425	✓					✓
152	Gulf Coast Internet Company	4	9999						
153	Hi Development	4	9999						

Broadband Provider Status Log

No.	Filing Company DBA	Provider Type: Broadband=1, Reseller=2, Other=3, N/A=4	FRN	Viable Provider	Data Included in Submission	Responsive - Submitted Updated Data	Responsive - No Change in Data	Non-Responsive - Included Oct. 2011 Data in Submission	Non-Responsive - No Data Included in Submission
154	Home Town Plus	1	0009470766	✓	✓		✓		
155	Hotwire Communications, Ltd.	4	0009846494						
156	Hubwest Protected Networks LLC	4	9999						
157	Hughes Network Systems, LLC	1	0017434911	✓	✓		✓	✓	
158	Imbris, Inc.	4	9999						
159	IMGISP.NET	4	9999						
160	Immedia Sea	4	9999						
161	Incredible Networks	4	9999						
162	Inercom Communications Inc.	4	9999						
163	Interactive Services Network, Inc.	2	0004328456						
164	Interactiveinfo.com Inc.	4	9999						
165	Interatworld	4	9999						
166	IntNet	2	9999						
167	IPacket Networks, LLC	4	0016724494						
168	iRadical	4	9999						
169	ISPartner.net	4	9999						
170	ITS Telecom	1	0003731734	✓	✓		✓		
171	James Cable LLC	1	0016914137	✓					✓
172	JaxWIZ	4	9999						
173	Jenco Speed Web	4	9999						
174	Joytel Communications	4	9999						
175	JTEL Communications	4	9999						
176	K.Tek	4	9999						
177	KCL	2	9999						
178	Kentucky Data Link, Inc.	4	0007345754						
179	Kissimmee Utilities Authority	4	9999						
180	KissimmeeWeb	1	9999	✓					✓

Broadband Provider Status Log

No.	Filing Company DBA	Provider Type: Broadband=1, Reseller=2, Other=3, N/A=4	FRN	Viable Provider	Data Included in Submission	Responsive - Submitted Updated Data	Responsive - No Change in Data	Non-Responsive - Included Oct. 2011 Data in Submission	Non-Responsive - No Data Included in Submission
181	Knology of Florida, Inc.*	1	0003766268	✓	✓			✓	
182	Knology of Panama, Inc.*	1	0001808666	✓	✓			✓	
183	LARIAT.NET	4	9999						
184	LCN	4	9999						
185	LCSisp.com	4	9999						
186	Leap Wireless International, Inc.	4	9999						
187	Level 3 Communications, LLC*	1	0003723822	✓					✓
188	LightEdge Solutions, Inc.	4	0015546443						
189	Lightning Wireless	4	9999						
190	Lightyear Network Solutions, LLC	2	9999						
191	LinkAmerica.Net	4	9999						
192	Litestream Holdings, LLC	1	999	✓					✓
193	Litestream Technologies	4	1149800086						
194	Long Hammock Wireless	1	9999	✓	✓			✓	
195	Magnolia Belle Data Systems, Inc.	4	9999						
196	Main Street Broadband LLC	1	0014962880	✓	✓			✓	
197	MainBoard	4	9999						
198	Maine Cable and Wireless	4	9999						
199	Marcin Company	4	9999						
200	Marco Island Cable, Inc.	1	0004243689	✓					✓
201	Marlowe & Associates	2	9999						
202	Mediacom	1	0004036778	✓	✓	✓			
203	Metropolitan Telecommunications Holding Company	2	0009806019						
204	MFI.net	2	9999						
205	Millenicom Inc.	2	9999						
206	Mobile Area Networks, Inc.	4	9999						

Broadband Provider Status Log

No.	Filing Company DBA	Provider Type: Broadband=1, Reseller=2, Other=3, N/A=4	FRN	Viable Provider	Data Included in Submission	Responsive - Submitted Updated Data	Responsive - No Change in Data	Non-Responsive - Included Oct. 2011 Data in Submission	Non-Responsive - No Data Included in Submission
207	Myakka Technologies, Inc.	4	0016084857	✓	✓	✓			
208	Nanomega.Com	4	9999						
209	National Access Point	4	9999						
210	Nationwide Computer Systems, Inc.	2	9999						
211	Nature Coast Networks	1	9999	✓					✓
212	NEbuTel	4	0016467649						
213	NEFCOM	1	0004928750	✓	✓			✓	
214	Neighbor Networks, LLC	4	0006221287						
215	Neopolitan Networks	4	9999						
216	Net Bypass Wireless	4	9999						
217	NetAccess, Inc.	4	9999						
218	NetComm Internet Technologies	4	9999						
219	NetCon.com	4	9999						
220	Netlogic, Inc.	4	0006825954						
221	NetQuincy	1	0004572533	✓	✓			✓	
222	NetSpeed Online	4	9999						
223	New Edge Network, Inc.	2	0003720471						
224	Next Level Wireless	4	9999						
225	Nextlink Wireless, Inc.*	1	0014286934	✓					✓
226	North Florida Broadband Authority	4	9999						
227	Northwest ISP	4	9999						
228	NuVox, Inc.	4	0004319414						
229	NXCONN Wireless	4	9999						
230	Oak Run Associates Ltd.	2	0003745767						
231	Ofinet	4	9999						
232	Oltronics Wireless	4	9999						
233	Omnispring LLC	1	9999	✓					✓

Broadband Provider Status Log

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234	Open Range, Inc.	4	0015246895						
235	Orlando Web Solutions	4	9999						
236	Overarch Broadband	4	9999						
237	Pacific Internet Exchange	4	9999						
238	Paknet Limited	4	9999						
239	Palm Coast-Flagler Internet, LLC	1	9999	✓					✓
240	PDMNet	1	0017149014	✓	✓			✓	
241	Planet Online	4	9999						
242	PNA Networks	4	9999						
243	Power One*	2	0016106239	✓					✓
244	PremoWeb	4	9999						
245	PrimeVision	4	9999						
246	Pure Connection	4	9999						
247	Qmega Technologies	4	9999						
248	Qwest Communications Company, LLC	4	0003605953						
249	Rapid Systems Corporation ⁺	1	0014499438	✓		✓			
250	Regional Internet Media	4	9999						
251	Reliance Globalcom Services, Inc.	1	0008072803	✓					✓
252	Reliance Globalcom Services, Inc.	2	0008072803						
253	Renaissance Networks	4	9999						
254	RJS Networks	4	9999						
255	Sago Networks, Inc.*	1	0018151878	✓			✓		
256	Sands River Wireless	4	9999						
257	Saturn Telecommunication Services Inc.	4	0004343828						
258	SBB Communications, LLC	4	0019088624						
259	SETEL	4	9999						
260	Shentel Converged Services, Inc.	2	0013962170						

Broadband Provider Status Log

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261	Simply Dialup A Metrogeek Company	4	9999						
262	Skyhive	4	9999						
263	Skyline Broadband	4	9999						
264	SKYNAP	4	9999						
265	SkyNet360	1	9999	✓					✓
266	Sling Broadband	1	9999	✓					✓
267	Smart City	1	0004381505	✓	✓			✓	
268	Smartresort Co, LLC	2	0017103979						
269	SmartWires	4	9999						
270	Southeastern Services, Inc.	4	0010211167						
271	Southern Light*	1	0006694111	✓			✓		✓
272	Spacenet, Inc.	4	0004314704						
273	Speakeasy DSL	4	9999						
274	Sprint	1	0003774593	✓	✓	✓			
275	Sprint Broadband Direct	4	9999						
276	Stratos Offshore Services Company	4	0002147353						
277	Summit Broadband*	1	0008410102	✓	✓			✓	
278	Sun Digital Computers & Services	4	9999						
279	Sun-Tel USA	2	0018079152						
280	Surferz.Net	4	9999						
281	Suwannee Valley Internet	4	9999						
282	SVIC Internet & Computers	1	9999	✓					✓
283	Systemlink Broadband	4	9999						
284	T1 Shopper	4	9999						
285	TDS Telecom	1	0001824689	✓	✓	✓			
286	Teccom USA	4	9999						
287	Telcomprice.Com	4	9999						

Broadband Provider Status Log

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288	Telefonica USA, Inc.	2	0018547828						
289	Telovations, Inc.	4	0015331390						
290	TerraNova Net Internet Services	1	0016098147	✓					✓
291	Terranovus.net	4	9999						
292	The City of Daytona Beach	4	0018522409						
293	The Hometown Network, Inc.	1	0019072339	✓	✓			✓	
294	The Ultimate Connection, LLC	2	0004557724						
295	Tier 3 Communications; Ft. Myers Telephone; Naples Telephone*	1	0008882979	✓					✓
296	T-Mobile	1	0006945950	✓	✓	✓			
297	Total Access Networks, Inc.	4	9999						
298	Towerstream, Inc.	4	0007097355						
299	Transbeam Inc.	4	0008904690						
300	Trillion Digital Communications	4	9999						
301	Triple Crown Communications	4	9999						
302	TSISP.NET	4	9999						
303	TW Telecom of Florida LLC	1	0004351466	✓	✓	✓			
304	Ultrawave Technologies	4	9999						
305	Umbrella Wireless	4	9999						
306	University Corporation for Advanced Internet Development	4	9999						
307	UNUM Telecommunications, Inc.	4	9999						
308	US Metropolitan Telecom, LLC	1	0016713497	✓					✓
309	USA Airnet, Inc.	4	9999						
310	Utilities Commission, City of New Smyrna Beach, FL	4	0018603779						
311	Valparaiso Communication System	4	9999						

Broadband Provider Status Log

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312	Velocity Online*	1	0016126971	✓			✓		✓
313	Verizon	1	0001824804	✓	✓	✓			
314	Verizon Wireless	1	0003290673	✓	✓	✓			
315	Vortex Broadband	4	9999						
316	Wave2Wave Communications Inc.	2	0015329394						
317	WebNet	4	9999						
318	Wildblue Communications	1	0007843766	✓	✓			✓	
319	WiTel Communications, LLC.	4	0003716511						
320	Wind Serve	4	9999						
321	Windstream Florida, Inc.*	1	0004967360	✓	✓			✓	
322	Wireless Broadband, Inc.	4	9999						
323	Wireless Online Services	4	9999						
324	Wireless Roanoke, Inc.	4	9999						
325	Wireless Web Access, Inc.	4	9999						
326	wisbin	4	9999						
327	WISP Networks	4	9999						
328	WiVo	2	9999						
329	WorldCom Broadband	4	9999						
330	WPMedia	4	9999						
331	www.AmericanAngel.us	4	9999						
332	Xecu.net	4	9999						
333	XO Communications Services, Inc.*	1	0006275945	✓					✓
334	XP Internet	4	9999						
335	Xtremeaccess	4	9999						
336	YEEZOO.NET	4	9999						
337	YLISP (Your Local ISP)	2	9999						
338	YourT1Wifi.com	4	9999						

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339	ZOOM Internet Services, LLC	4	9999						
Total				80	40	20	10	17	39
* Middle mile data was submitted in the October 2011 submission, but not included in the April 2012 submission. Middle mile data from this provider is not included in the submission database for one of two reasons. 1) The provider reported no change to its data, but did not submit a new dataset to the Department, or 2) The provider was non-responsive.									
+ All or part of the data was received after the cut-off date or did not meet submission criteria.									
^ Provider was responsive, but elected to refuse to participate in the program.									