

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

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October 1, 2012

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## BROADBAND FLORIDA COVER LETTER

October 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) continued the transition of services from our former contractor to an interim contractor and reviewed the processes from the April 2012 submission to identify ways to improve our submission for the October 2012 submission. The Department started negotiations in reference to our Invitation to Negotiate (ITN) to secure a new contract for GIS services and announced an award of the contract to BroadMap, LLC. The anticipated start date of the contract is October 1, 2012, ensuring that all processes will be transitioned and ready to go for the April 2013 submission. The Department experienced an increase in responsiveness to the initial outreach and was able to successfully negotiate additional non-disclosure agreements as well as work with providers to familiarize them with the data and process. While we did not get final data submissions from all providers in time to include with this submission, the increase in communication, interest in the project, and willingness of the providers to submit data to the State of Florida will hopefully result in additional data for the April 2013 submission.

This October 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 56 percent of the Florida provider community, or 42 of 75 total providers. There are an additional 21 providers that have agreed to provide the state with data and are in the process of signing NDAs and/or collecting data. Of the 40 actively participating providers, 23 supplied an update to their network or coverage area(s). A total of 17 providers reported there was no change in their coverage area. There are 2 providers who previously supplied data but were non-responsive in the October 2012 update effort; therefore their previous dataset, with the exclusion of any middle mile data is being put forward as part of this compilation. Of all of the providers that are not represented in the attached datasets, only 2 refused to participate in the voluntary program and 10 were non-responsive to multiple contact attempts. ***Overall, the state had an increase in responsiveness of 33 percent, going from 51 percent as of the April 2012 submission up to 84 percent in the current submission.***

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 continued to develop our state mapping tool, which can be found at <http://broadbandfla.com>, includes additional datasets not required by NTIA, a street level view widget, the ability to identify broadband coverage and providers by address, provider footprints, various speed layer views, and layer selection capability. Once the new contract with BroadMap is executed, the tool will transition to the standard BroadMap template, but continue to provide information unique to the Broadband Florida map. The Department selected a vendor to develop a Broadband Florida portal that will 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.

The Department is currently concentrating on how to make the data available through the map useful to Florida citizens. It recently provided data for a Department of Transportation project that is mapping available infrastructure in the state and assisted in determining commercially available broadband access along two hurricane evacuation routes for the Public Safety Bureau. The Department is currently collecting information on commercially available data to determine the possibilities and the best value for the state.

#### Community Anchor Institutions

DMS continues to reach out to CAIs to obtain broadband connectivity data through its relationships with other state agencies. Additionally, it began the process of investigating the possibility of obtaining data using a screen scraper utility. BroadMap committed to develop a screen scraper that directly obtains information from the USAC database and will also be providing a CAI survey to collect additional information.

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 the relationships over the coming months and to 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

## 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 once again 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. 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.

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	Federal CAI ID	Lat/Long	Technology of Transmission	Download Speed	Upload Speed
<b>K-12</b>	6785	6785	5655	6785	510	707	0
<b>Libraries</b>	1066	1066	535	1066	519	514	6
<b>Healthcare</b>	346	346	228	346	137	129	130
<b>Public Safety</b>	2989	2989	145	2989	370	370	0
<b>Higher Ed Institutions</b>	719	719	192	719	81	81	0
<b>Other Government</b>	4369	4369	0	4369	3565	3565	0
<b>Other Non-Government</b>	280	280	0	280	280	280	0
<b>Total</b>	<b>16,554</b>	<b>16,554</b>	<b>6,755</b>	<b>16,554</b>	<b>5,462</b>	<b>5,646</b>	<b>136</b>

## SBI DATA SUBMISSION METHODOLOGY

The submission of the broadband dataset for October 1, 2012, is contained within the SBI Data Transfer Model as released on the Grantee Workspace on August 9, 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.

As the 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: October 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 drive testing.*

### 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

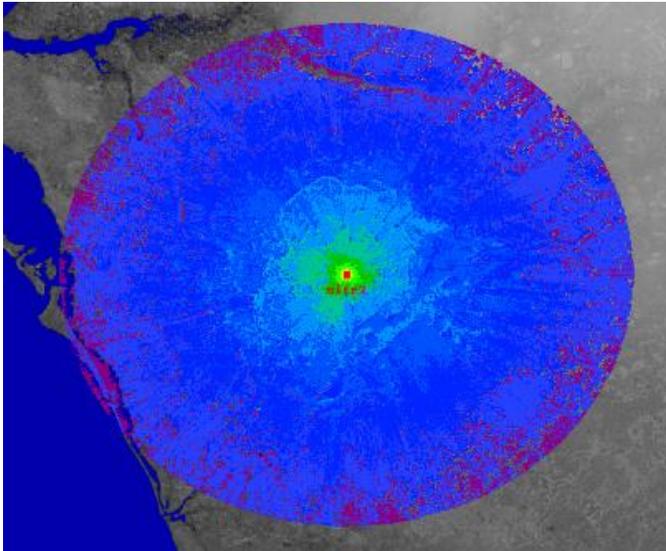
GIS data, when imported and created from a variety of sources can look pretty or it can look ugly. We try to prevent the data from looking ugly early in the process by running the resulting data from providers through a number of filters for lack of another term. The first filter is 'eyeballing' the 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

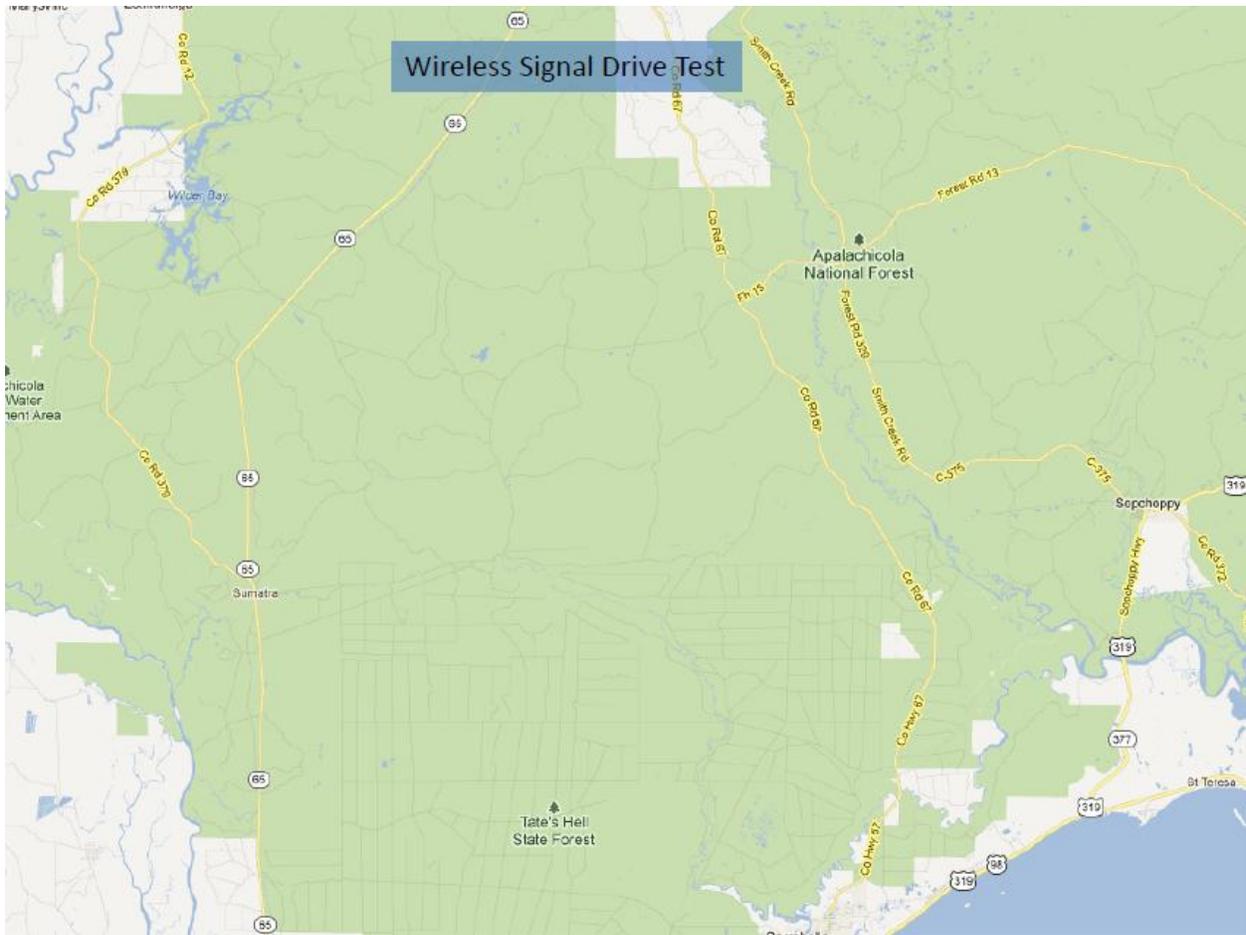
Many times during the data validation process, it becomes necessary to derive real-world results for areas that may be flagged for issues or extent of coverage is questionable. One approach to validate the data is to check availability for broadband packages and services online. This used be an easier 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.

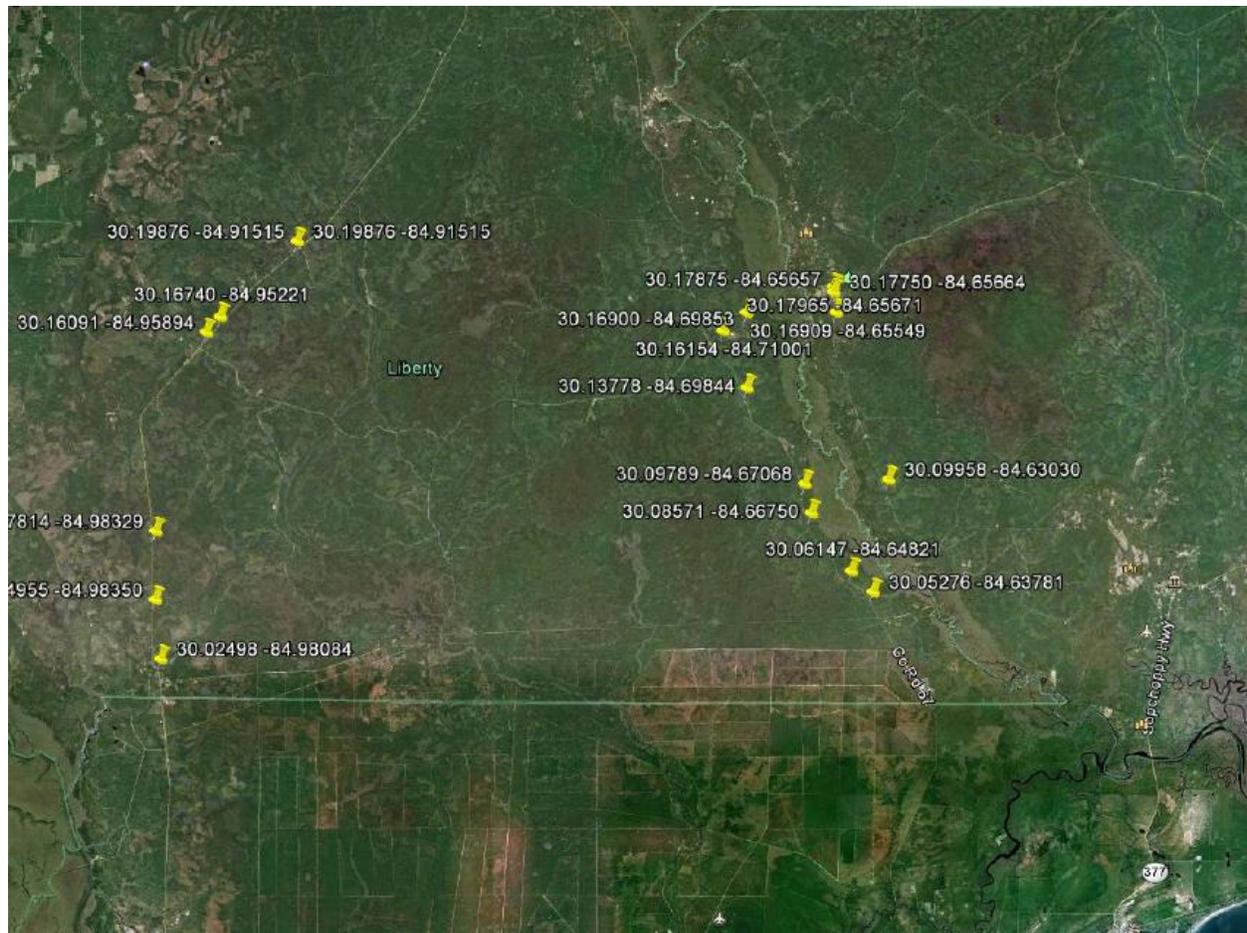
#### Speed Test Verification

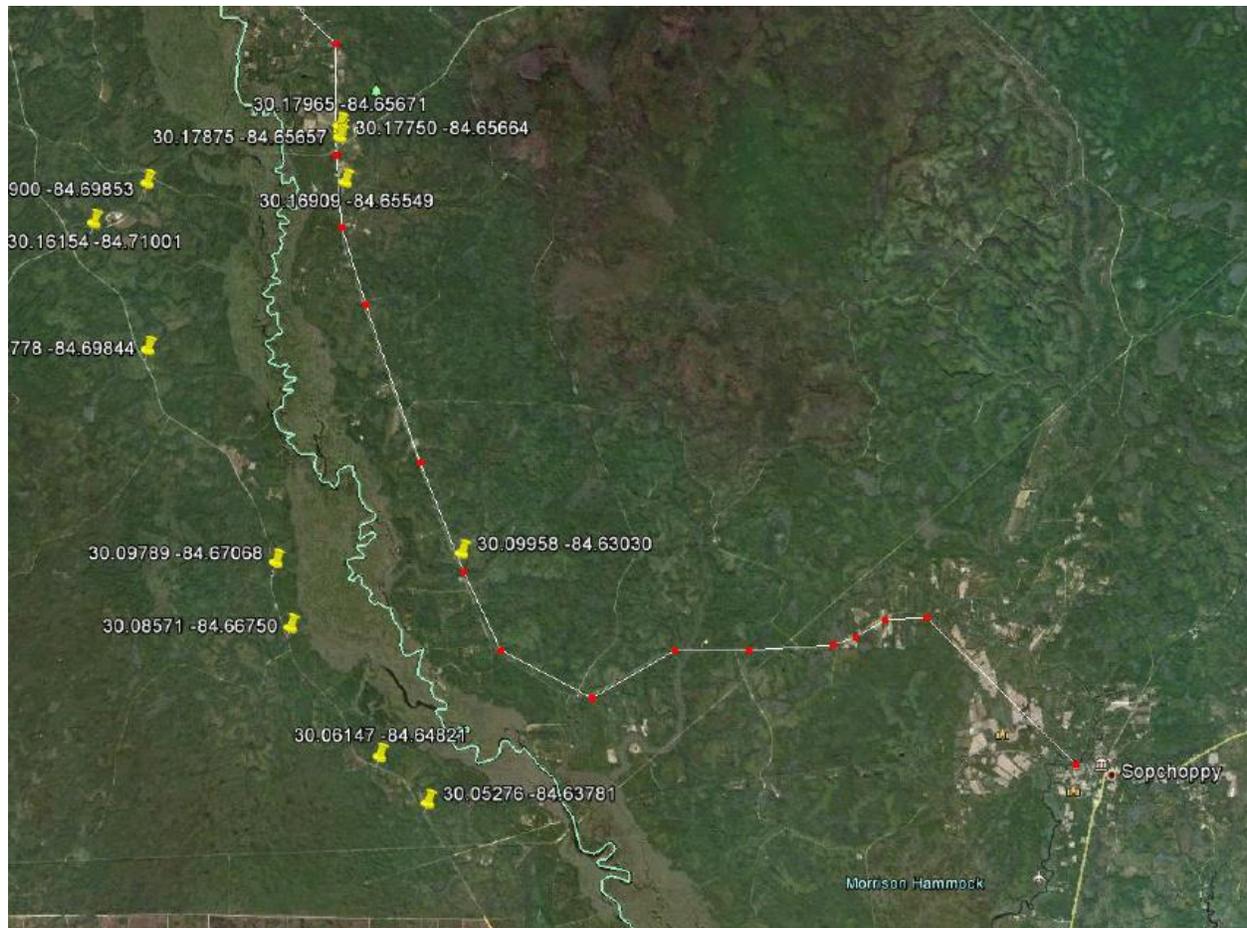
Broadband Florida has continued its subscription with Ookla for website portal speedtest application to gather speedtest statistics from around the state. Ookla owns and operates Speedtest.net, as well as develops and deploys speed tests, such as the Connect Florida speed test website, for partners around 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.

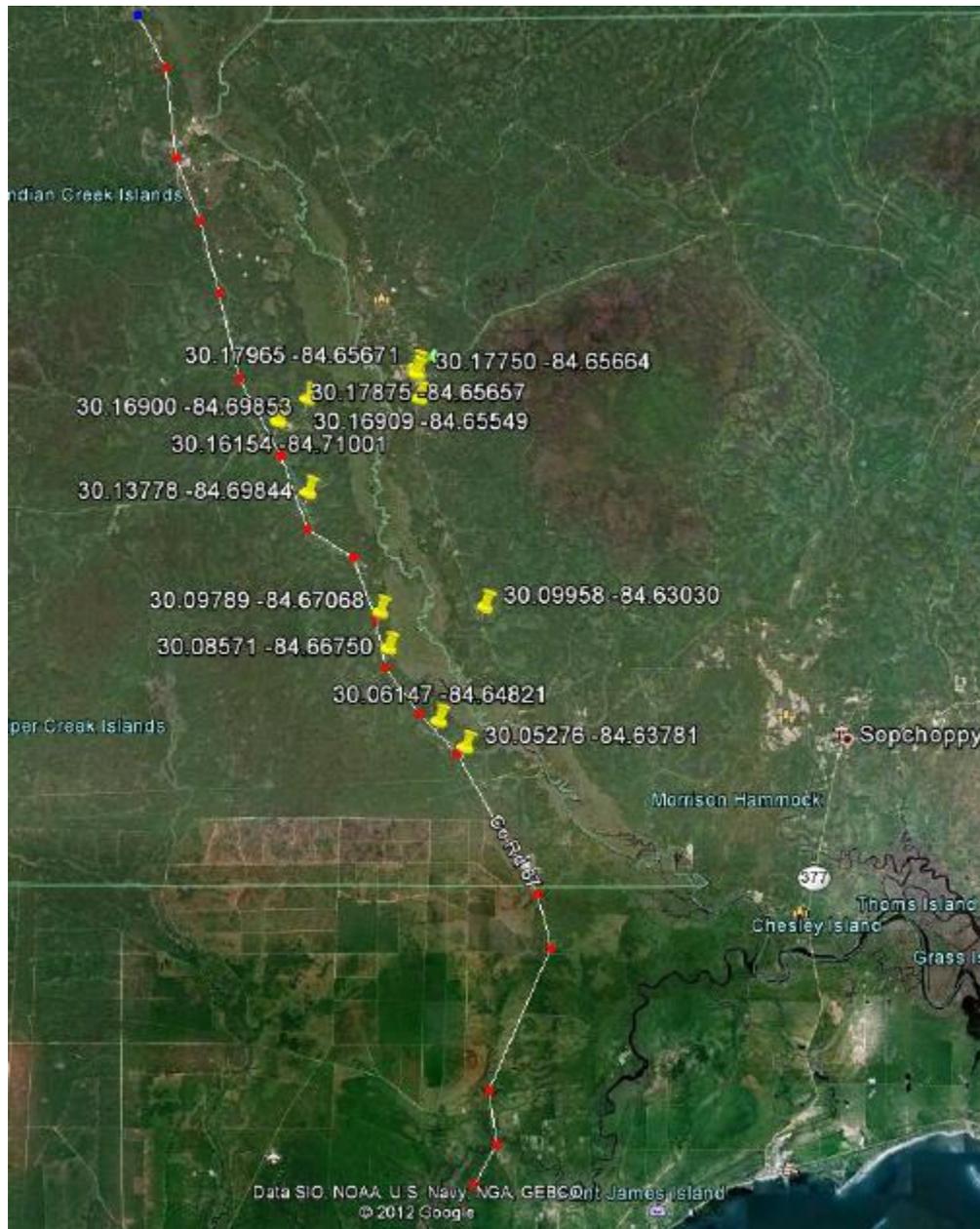
### Drive Testing

The Department conducted drive testing along 3 hurricane evacuation routes in Wakulla and Franklin counties regarding wireless coverage due to a request from the Public Safety Bureau. The request came after they were contacted by two counties that stated the service to public safety personnel was deficient. We initially contacted Verizon Wireless which is the only provider that reports providing service in the identified routes to discuss the coverage in that area. We proceeded to conduct the drive testing to verify the stated coverage. We used a Verizon iPhone running the Signal Alert application. The tests indicated dropped service in 21 different locations. We did report the results back to Verizon for their use. The detailed dropped signal locations are represented in the pictures below.











## 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				Non-Responsive	
						Refused to Participate	Submitted Updated Data	No Change in Data	Missed Deadline; No Data Included in Submission	Data from previous submission included	No Data Included
1	21Globe, Inc.	2	9999	.	.	.	.	.	.	.	.
2	3oaks.com	4	9999	.	.	.	.	.	.	.	.
3	561net	4	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	.	.	.	.	.	.	.	.
9	ACERX.NET	2	9999	.	.	.	.	.	.	.	.
10	ACES of Jacksonville, Inc.	4	9999	.	.	.	.	.	.	.	.
11	Adelphia	4	9999	.	.	.	.	.	.	.	.
12	Advanced Cable Communications	1	1795798	✓	✓	.	.	✓	✓	.	.
13	Advantage Group of Florida Communications, LLC	2	18515692	.	.	.	.	.	.	.	.
14	AirCom Broadband, Inc.	2	9999	.	.	.	.	.	.	.	.
15	AirComm Associates	4	9999	.	.	.	.	.	.	.	.
16	Airespring, Inc.	2	6875322	.	.	.	.	.	.	.	.
17	Airewaves Broadband, LLC	4	9999	.	.	.	.	.	.	.	.
18	Airface	4	9999	.	.	.	.	.	.	.	.
19	Airimba Wireless	4	9999	.	.	.	.	.	.	.	.
20	AirLink Corporation	4	9999	.	.	.	.	.	.	.	.
21	Airmail247.com	4	9999	.	.	.	.	.	.	.	.
22	Airpath Wireless, Inc.	4	9999	.	.	.	.	.	.	.	.
23	airPowered	1	16106239	✓	✓	.	.	.	.	✓	.
24	AirWire Net	2	9999	.	.	.	.	.	.	.	.
25	Akeva	4	9999	.	.	.	.	.	.	.	.

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						Refused to Participate	Submitted Updated Data	No Change in Data	Missed Deadline; No Data Included in Submission	Data from previous submission included	No Data Included
26	AKODI	4	9999	.	.	.	.	.	.	.	.
27	America Outdoors Camper Resort and Marina	4	9999	.	.	.	.	.	.	.	.
28	American Telephone Company LLC	2	15414642	.	.	.	.	.	.	.	.
29	Antioch Wireless Broadband	4	9999	.	.	.	.	.	.	.	.
30	Anywhere Internet, Inc.	4	9999	.	.	.	.	.	.	.	.
31	AreYouOnline.Net	1	9999	✓	✓	.	.	✓	.	.	.
32	Arrowheadnet.com	4	9999	.	.	.	.	.	.	.	.
33	AstroTel, Inc.	2	8779878	.	.	.	.	.	.	.	.
34	AT&T Florida	1	1857952	✓	✓	.	✓	.	.	.	.
35	AT&T Mobility LLC	1	4979233	✓	✓	.	✓	.	.	.	.
36	Atlantic Broadband, LLC	2	9596826	✓	✓	.	.	✓	.	.	.
37	AugLink Communications, Inc.	4	9999	.	.	.	.	.	.	.	.
38	bargainisp.net	4	9999	.	.	.	.	.	.	.	.
39	Birch Communications, Inc.	1	4319299	✓	.	✓	.	.	.	.	.
40	Bluemont Networks, LLC	4	16802266	.	.	.	.	.	.	.	.
41	Break Free Wireless Corporation	4	9999	.	.	.	.	.	.	.	.
42	Bright House Networks	1	7508237	✓	✓	.	.	✓	.	.	.
43	Broadband National	2	9999	.	.	.	.	.	.	.	.
44	Broadcore, Inc.	4	18122523	.	.	.	.	.	.	.	.
45	Broadstar, LLC	4	16981573	.	.	.	.	.	.	.	.
46	Broadview Networks Holdings, Inc.	2	10296853	.	.	.	.	.	.	.	.
47	BullsEye Telecom, Inc.	2	4350930	.	.	.	.	.	.	.	.
48	Business Telecom, Inc.	4	3744935	.	.	.	.	.	.	.	.
49	Cablevision of Marion County LLC	1	11406675	✓	.	.	.	.	✓	.	.
50	CAC MediaNet, Inc.	4	9999	.	.	.	.	.	.	.	.
51	Camino-Net Internet Services	4	9999	.	.	.	.	.	.	.	.

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						Refused to Participate	Submitted Updated Data	No Change in Data	Missed Deadline; No Data Included in Submission	Data from previous submission included	No Data Included
52	Caviar Corporation	4	9999	.	.	.	.	.	.	.	.
53	Cbeyond Communications, LLC	2	3759602	.	.	.	.	.	.	.	.
54	CCIS.net	4	9999	.	.	.	.	.	.	.	.
55	Celito Communications	4	9999	.	.	.	.	.	.	.	.
56	Cellular South, Inc.	1	13247325	✓	✓	.	.	✓	.	.	.
57	CenturyLink	1	18626853	✓	✓	.	✓	.	.	.	.
58	CIMA Telecom	2	8570111	.	.	.	.	.	.	.	.
59	Circle Net	4	9999	.	.	.	.	.	.	.	.
60	Citi WiFi Networks	4	9999	.	.	.	.	.	.	.	.
61	Citicom Comm Serv	4	9999	.	.	.	.	.	.	.	.
62	Citrus Hills Cable TV, Inc.	4	9999	.	.	.	.	.	.	.	.
63	City of Leesburg	1	10556496	✓	✓	.	✓	.	.	.	.
64	Citynet, LLC	4	14281588	.	.	.	.	.	.	.	.
65	Clear	1	17775628	✓	✓	.	✓	.	.	.	.
66	ClearSurf Communications, Corp	4	9999	.	.	.	.	.	.	.	.
67	Clartouch.Com	4	9999	.	.	.	.	.	.	.	.
68	Cogent Communications, Inc.	2	19066034	✓	.	.	.	.	.	.	✓
69	Comcast	1	4441663	✓	✓	.	✓	.	.	.	.
70	CommFunction, LLC	1	9999	✓	.	.	.	.	✓	.	.
71	Computer Cable Connection	4	9999	.	.	.	.	.	.	.	.
72	Cox Communications	1	1524461	✓	✓	.	✓	.	.	.	.
73	Creative Network Innovations	4	9999	.	.	.	.	.	.	.	.
74	CyberStreet Inc.	1	9999	✓	.	.	.	.	.	.	✓
75	CyberXpress, Inc.	4	9999	.	.	.	.	.	.	.	.
76	Data Wave, Inc.	4	9999	.	.	.	.	.	.	.	.
77	DayStar Communications	4	9999	.	.	.	.	.	.	.	.
78	DeltaCom	1	5183025	✓	✓	.	✓	.	.	.	.

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						Refused to Participate	Submitted Updated Data	No Change in Data	Missed Deadline; No Data Included in Submission	Data from previous submission included	No Data Included
79	Deltaforce	4	9999	.	.	.	.	.	.	.	.
80	deluxehost.com	4	9999	.	.	.	.	.	.	.	.
81	Desoto Life	4	9999	.	.	.	.	.	.	.	.
82	DGUI	4	9999	.	.	.	.	.	.	.	.
83	DHR Technologies, Inc.	4	9999	.	.	.	.	.	.	.	.
84	Dial National	4	9999	.	.	.	.	.	.	.	.
85	Dialer.net	4	9999	.	.	.	.	.	.	.	.
86	Digital Canopy	4	9999	.	.	.	.	.	.	.	.
87	Digital Downtown	4	9999	.	.	.	.	.	.	.	.
88	DISH Network Corporation	2	10500338	✓	✓	.	.	✓	.	.	.
89	Dixie-Net, Incorporated	4	9999	.	.	.	.	.	.	.	.
90	DSL @ Interlync	2	9999	.	.	.	.	.	.	.	.
91	DTNet	4	9999	.	.	.	.	.	.	.	.
92	DTS-NET.COM	2	9999	.	.	.	.	.	.	.	.
93	Dynalink Communications	2	9999	.	.	.	.	.	.	.	.
94	eHarbor	4	9999	.	.	.	.	.	.	.	.
95	Enventis Telecom Inc.	4	8394322	.	.	.	.	.	.	.	.
96	ethX.biz	4	9999	.	.	.	.	.	.	.	.
97	ETI - Connecting Your World	2	9999	.	.	.	.	.	.	.	.
98	eTully, Inc.	4	9999	.	.	.	.	.	.	.	.
99	EWOL	4	9999	.	.	.	.	.	.	.	.
100	Expedient	4	9999	.	.	.	.	.	.	.	.
101	FairPoint Communications, Inc.	1	1824606	✓	✓	.	✓	.	.	.	.
102	Fast Dependable Access	4	9999	.	.	.	.	.	.	.	.
103	FiberLight LLC	1	14117139	✓	.	.	.	.	✓	.	.
104	FiberTower Corporation	4	4237178	.	.	.	.	.	.	.	.
105	FLAccess, 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				Non-Responsive	
						Refused to Participate	Submitted Updated Data	No Change in Data	Missed Deadline; No Data Included in Submission	Data from previous submission included	No Data Included
106	Florida Broadband	4	9999	.	.	.	.	.	.	.	.
107	Florida Cable, Inc.	1	7170558	✓	.	.	.	.	✓	.	.
108	Florida Georgia Online	4	9999	.	.	.	.	.	.	.	.
109	Florida High Speed Internet aka Brevard Wireless	1	16346991	✓	.	.	.	.	.	.	✓
110	Florida Keys Wireless	4	9999	.	.	.	.	.	.	.	.
111	Florida LambdaRail, LLC*	1	9999	✓	.	.	.	.	✓	.	.
112	Florida Multi-Media Services, Inc.	2	18567123	.	.	.	.	.	.	.	✓
113	Florida Phone Systems, Inc.	4	18624494	.	.	.	.	.	.	.	.
114	Florida Rural Broadband Alliance	4	9999	.	.	.	.	.	.	.	.
115	Florida Wireless	4	9999	.	.	.	.	.	.	.	.
116	FlyFi	4	9999	.	.	.	.	.	.	.	.
117	FPL FiberNet, LLC	1	8338683	✓	.	.	.	.	✓	.	.
118	FPUAnet Communications	1	1813369	✓	.	.	.	.	✓	.	.
119	Frontier Communications of the South, LLC	1	3766987	✓	✓	.	✓	.	.	.	.
120	Fullsail Group	4	9999	.	.	.	.	.	.	.	.
121	Fuzion Wireless	4	9999	.	.	.	.	.	.	.	.
122	GBS Online	1	9999	✓	.	.	.	.	.	.	✓
123	General Computer Services Inc.	4	18596882	.	.	.	.	.	.	.	.
124	Global Data Systems	4	9999	.	.	.	.	.	.	.	.
125	Global WiFi Plus	4	9999	.	.	.	.	.	.	.	.
126	GLS3C Systems	4	9999	.	.	.	.	.	.	.	.
127	GRUCom*	1	18584425	✓	.	.	.	.	✓	.	.
128	Gulf Coast Internet Company	4	9999	.	.	.	.	.	.	.	.
129	Hi Development	4	9999	.	.	.	.	.	.	.	.
130	Home Town Plus	1	9470766	✓	✓	.	.	✓	.	.	.
131	Hotwire Communications, Ltd.	4	9846494	.	.	.	.	.	.	.	.

## 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				Non-Responsive	
						Refused to Participate	Submitted Updated Data	No Change in Data	Missed Deadline; No Data Included in Submission	Data from previous submission included	No Data Included
132	Hubwest Protected Networks LLC	4	9999	.	.	.	.	.	.	.	.
133	Hughes Network Systems, LLC	1	17434911	✓	✓	.	.	✓	.	.	.
134	Imbris, Inc.	4	9999	.	.	.	.	.	.	.	.
135	IMGISP.NET	4	9999	.	.	.	.	.	.	.	.
136	Immedia Sea	4	9999	.	.	.	.	.	.	.	.
137	Incredible Networks	4	9999	.	.	.	.	.	.	.	.
138	Inercom Communications Inc.	4	9999	.	.	.	.	.	.	.	.
139	Interactive Services Network, Inc.	2	4328456	.	.	.	.	.	.	.	.
140	Interactiveinfo.com Inc.	4	9999	.	.	.	.	.	.	.	.
141	Interatworld	4	9999	.	.	.	.	.	.	.	.
142	IntNet	2	9999	.	.	.	.	.	.	.	.
143	IPacket Networks, LLC	4	16724494	.	.	.	.	.	.	.	.
144	iRadical	4	9999	.	.	.	.	.	.	.	.
145	ISPartner.net	4	9999	.	.	.	.	.	.	.	.
146	ITS Telecom	1	3731734	✓	✓	.	.	✓	.	.	.
147	James Cable LLC	1	16914137	✓	.	.	.	.	✓	.	.
148	JaxWIZ	4	9999	.	.	.	.	.	.	.	.
149	Jenco Speed Web	4	9999	.	.	.	.	.	.	.	.
150	Joytel Communications	4	9999	.	.	.	.	.	.	.	.
151	JTEL Communications	4	9999	.	.	.	.	.	.	.	.
152	K.Tek	4	9999	.	.	.	.	.	.	.	.
153	KCL	2	9999	.	.	.	.	.	.	.	.
154	Kentucky Data Link, Inc.	4	7345754	.	.	.	.	.	.	.	.
155	Kissimmee Utilities Authority	4	9999	.	.	.	.	.	.	.	.
156	Knology of Florida, Inc.	1	3766268	✓	✓	.	.	✓	.	.	.
157	Knology of Panama, Inc.	1	1808666	✓	✓	.	.	✓	.	.	.
158	LARIAT.NET	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				Non-Responsive	
						Refused to Participate	Submitted Updated Data	No Change in Data	Missed Deadline; No Data Included in Submission	Data from previous submission included	No Data Included
159	LCN	4	9999	.	.	.	.	.	.	.	.
160	LCSisp.com	4	9999	.	.	.	.	.	.	.	.
161	Leap Wireless International, Inc.	4	9999	.	.	.	.	.	.	.	.
162	Level 3 Communications, LLC	1	3723822	✓	.	.	.	.	✓	.	.
163	LightEdge Solutions, Inc.	4	15546443	.	.	.	.	.	.	.	.
164	Lightning Wireless	4	9999	.	.	.	.	.	.	.	.
165	Lightyear Network Solutions, LLC	2	9999	.	.	.	.	.	.	.	.
166	LinkAmerica.Net	4	9999	.	.	.	.	.	.	.	.
167	Litestream Holdings, LLC	1	999	✓	.	.	.	.	✓	.	.
168	Litestream Technologies	1	1149800086	✓	.	.	.	.	✓	.	.
169	Long Hammock Wireless	1	9999	✓	✓	.	.	✓	.	.	.
170	Magnolia Belle Data Systems, Inc.	4	9999	.	.	.	.	.	.	.	.
171	Main Street Broadband LLC	1	14962880	✓	✓	.	✓	.	.	.	.
172	MainBoard	4	9999	.	.	.	.	.	.	.	.
173	Maine Cable and Wireless	4	9999	.	.	.	.	.	.	.	.
174	Marcin Company	4	9999	.	.	.	.	.	.	.	.
175	Marco Island Cable, Inc.	1	4243689	✓	.	.	.	.	.	.	✓
176	Marlowe & Associates	2	9999	.	.	.	.	.	.	.	.
177	Mediacom	1	4036778	✓	✓	.	.	✓	.	.	.
178	Megapath Corporation	1	3753787	✓	✓	.	✓	.	.	.	.
179	Metropolitan Telecommunications Holding Company	2	9806019	.	.	.	.	.	.	.	.
180	MFI.net	2	9999	.	.	.	.	.	.	.	.
181	Millenicom Inc.	2	9999	.	.	.	.	.	.	.	.
182	Mobile Area Networks, Inc.	4	9999	.	.	.	.	.	.	.	.
183	Myakka Technologies, Inc.	1	16084857	✓	✓	.	✓	.	.	.	.
184	Nanomega.Com	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				Non-Responsive	
						Refused to Participate	Submitted Updated Data	No Change in Data	Missed Deadline; No Data Included in Submission	Data from previous submission included	No Data Included
185	National Access Point	4	9999	.	.	.	.	.	.	.	.
186	Nationwide Computer Systems, Inc.	4	9999	.	.	.	.	.	.	.	.
187	Nature Coast Networks	1	9999	✓	.	.	.	.	.	.	✓
188	NEbuTel	4	16467649	.	.	.	.	.	.	.	.
189	NEFCOM	1	4928750	✓	✓	.	.	✓	.	.	.
190	Neighbor Networks, LLC	4	6221287	.	.	.	.	.	.	.	.
191	Neopolitan Networks	4	9999	.	.	.	.	.	.	.	.
192	Net Bypass Wireless	4	9999	.	.	.	.	.	.	.	.
193	NetAccess, Inc.	4	9999	.	.	.	.	.	.	.	.
194	NetComm Internet Technologies	4	9999	.	.	.	.	.	.	.	.
195	NetCon.com	4	9999	.	.	.	.	.	.	.	.
196	Netlogic, Inc.	4	6825954	.	.	.	.	.	.	.	.
197	NetQuincy	1	4572533	✓	✓	.	.	✓	.	.	.
198	NetSpeed Online	4	9999	.	.	.	.	.	.	.	.
199	New Edge Network, Inc.	2	3720471	.	.	.	.	.	.	.	.
200	Next Level Wireless	4	9999	.	.	.	.	.	.	.	.
201	Nextlink Wireless, Inc.	4	14286934	✓	.	.	.	.	✓	.	.
202	North Florida Broadband Authority	4	9999	.	.	.	.	.	.	.	.
203	Northwest ISP	4	9999	.	.	.	.	.	.	.	.
204	NuVox, Inc.	4	4319414	.	.	.	.	.	.	.	.
205	NXCONN Wireless	4	9999	.	.	.	.	.	.	.	.
206	Oak Run Associates Ltd.	2	3745767	.	.	.	.	.	.	.	.
207	Ofinet	4	9999	.	.	.	.	.	.	.	.
208	Oltronics Wireless	4	9999	.	.	.	.	.	.	.	.
209	Omnispring LLC	1	9999	✓	.	✓	.	.	.	.	.
210	Open Range, Inc.	4	15246895	.	.	.	.	.	.	.	.
211	Orlando Web Solutions	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				Non-Responsive	
						Refused to Participate	Submitted Updated Data	No Change in Data	Missed Deadline; No Data Included in Submission	Data from previous submission included	No Data Included
212	Overarch Broadband	4	9999	.	.	.	.	.	.	.	.
213	Pacific Internet Exchange	4	9999	.	.	.	.	.	.	.	.
214	Paknet Limited	4	9999	.	.	.	.	.	.	.	.
215	Palm Coast-Flagler Internet, LLC	4	9999	.	.	.	.	.	.	.	.
216	PDMNet	1	17149014	✓	✓	.	.	.	.	✓	.
217	Planet Online	4	9999	.	.	.	.	.	.	.	.
218	PNA Networks	4	9999	.	.	.	.	.	.	.	.
219	Power One	2	16106239	✓	.	.	.	.	.	.	✓
220	PremoWeb	4	9999	.	.	.	.	.	.	.	.
221	PrimeVision	4	9999	.	.	.	.	.	.	.	.
222	Pure Connection	4	9999	.	.	.	.	.	.	.	.
223	Qmega Technologies	4	9999	.	.	.	.	.	.	.	.
224	Qwest Communications Company, LLC	4	3605953	.	.	.	.	.	.	.	.
225	Rapid Systems Corporation	1	14499438	✓	.	.	✓	.	.	.	.
226	Regional Internet Media	4	9999	.	.	.	.	.	.	.	.
227	Reliance Globalcom Services, Inc.	2	8072803	.	.	.	.	.	.	.	.
228	Renaissance Networks	4	9999	.	.	.	.	.	.	.	.
229	RJS Networks	4	9999	.	.	.	.	.	.	.	.
230	Sago Networks, Inc.	1	18151878	✓	✓	.	✓	.	.	.	.
231	Sands River Wireless	4	9999	.	.	.	.	.	.	.	.
232	Saturn Telecommunication Services Inc.	4	4343828	.	.	.	.	.	.	.	.
233	SBB Communications, LLC	4	19088624	.	.	.	.	.	.	.	.
234	SETEL	4	9999	.	.	.	.	.	.	.	.
235	Shentel Converged Services, Inc.	2	13962170	.	.	.	.	.	.	.	.
236	Simply Dialup A Metrogeek Company	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				Non-Responsive	
						Refused to Participate	Submitted Updated Data	No Change in Data	Missed Deadline; No Data Included in Submission	Data from previous submission included	No Data Included
237	Skycaster	1	9999	✓	.	.	.	.	✓	.	.
238	Skyhive	4	9999	.	.	.	.	.	.	.	.
239	Skyline Broadband	4	9999	.	.	.	.	.	.	.	.
240	SKYNAP	4	9999	.	.	.	.	.	.	.	.
241	SkyNet360	1	9999	✓	.	.	.	.	✓	.	.
242	Sling Broadband	1	9999	✓	.	.	.	.	✓	.	.
243	Smart City	1	4381505	✓	✓	.	.	.	.	.	.
244	Smartresort Co, LLC	2	17103979	.	.	.	.	.	.	.	.
245	SmartWires	4	9999	.	.	.	.	.	.	.	.
246	Southeastern Services, Inc.	4	10211167	.	.	.	.	.	.	.	.
247	Southern Light	4	6694111	.	.	.	.	.	.	.	.
248	Spacenet, Inc.	4	4314704	.	.	.	.	.	.	.	.
249	Speakeasy DSL	4	9999	.	.	.	.	.	.	.	.
250	Sprint	1	3774593	✓	✓	.	✓	.	.	.	.
251	Sprint Broadband Direct	4	9999	.	.	.	.	.	.	.	.
252	StarBand Communications, Inc.	1	5087457	✓	.	.	.	.	✓	.	.
253	Stratos Offshore Services Company	4	2147353	.	.	.	.	.	.	.	.
254	Summit Broadband	1	8410102	✓	✓	.	✓	.	.	.	.
255	Sun Digital Computers & Services	4	9999	.	.	.	.	.	.	.	.
256	Sun-Tel USA	2	18079152	.	.	.	.	.	.	.	.
257	Surferz.Net	4	9999	.	.	.	.	.	.	.	.
258	Suwannee Valley Internet	4	9999	.	.	.	.	.	.	.	.
259	SVIC Internet & Computers	4	9999	.	.	.	.	.	.	.	.
260	Systemlink Broadband	4	9999	.	.	.	.	.	.	.	.
261	T1 Shopper	4	9999	.	.	.	.	.	.	.	.
262	TDS Telecom	1	1824689	✓	✓	.	✓	.	.	.	.

## 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				Non-Responsive	
						Refused to Participate	Submitted Updated Data	No Change in Data	Missed Deadline; No Data Included in Submission	Data from previous submission included	No Data Included
263	Teccom USA	4	9999	.	.	.	.	.	.	.	.
264	Telcomprice.Com	4	9999	.	.	.	.	.	.	.	.
265	Telefonica USA, Inc.	2	18547828	.	.	.	.	.	.	.	.
266	Telovations, Inc.	4	15331390	.	.	.	.	.	.	.	.
267	TerraNova Net Internet Services	1	16098147	✓	.	.	.	.	.	.	✓
268	Terranovus.net	4	9999	.	.	.	.	.	.	.	.
269	The City of Daytona Beach	4	18522409	.	.	.	.	.	.	.	.
270	The Hometown Network, Inc.	1	19072339	✓	✓	.	.	✓	.	.	.
271	The Ultimate Connection, LLC	2	4557724	.	.	.	.	.	.	.	.
272	Tier 3 Communications; Ft. Myers Telephone; Naples Telephone	1	8882979	✓	.	.	.	.	.	.	✓
273	T-Mobile	1	6945950	✓	✓	.	✓	.	.	.	.
274	Total Access Networks, Inc.	4	9999	.	.	.	.	.	.	.	.
275	Towerstream, Inc.	4	7097355	.	.	.	.	.	.	.	.
276	Transbeam Inc.	4	8904690	.	.	.	.	.	.	.	.
277	Trillion Digital Communications	4	9999	.	.	.	.	.	.	.	.
278	Triple Crown Communications	4	9999	.	.	.	.	.	.	.	.
279	TSISP.NET	4	9999	.	.	.	.	.	.	.	.
280	TW Telecom of Florida LLC	1	4351466	✓	✓	.	✓	.	.	.	.
281	Ultrawave Technologies	4	9999	.	.	.	.	.	.	.	.
282	Umbrella Wireless	4	9999	.	.	.	.	.	.	.	.
283	University Corporation for Advanced Internet Development	4	9999	.	.	.	.	.	.	.	.
284	UNUM Telecommunications, Inc.	4	9999	.	.	.	.	.	.	.	.
285	US Metropolitan Telecom, LLC	1	16713497	✓	.	.	.	.	✓	.	.
286	USA Airmet, Inc.	4	9999	.	.	.	.	.	.	.	.
287	Utilities Commission, City of New Smyrna Beach, FL	4	18603779	.	.	.	.	.	.	.	.

## 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				Non-Responsive	
						Refused to Participate	Submitted Updated Data	No Change in Data	Missed Deadline; No Data Included in Submission	Data from previous submission included	No Data Included
288	Valparaiso Communication System	1	9999	✓	.	.	.	.	✓	.	.
289	Velocity Online	1	16126971	✓	.	.	.	.	✓	.	.
290	Verizon	1	1824804	✓	✓	.	✓	.	.	.	.
291	Verizon Wireless	1	3290673	✓	✓	.	✓	.	.	.	.
292	Vortex Broadband	4	9999	.	.	.	.	.	.	.	.
293	Wave2Wave Communications Inc.	2	15329394	.	.	.	.	.	.	.	.
294	WebNet	4	9999	.	.	.	.	.	.	.	.
295	WildBlue Communications	1	7843766	✓	✓	.	✓	.	.	.	.
296	WiTel Communications, LLC.	4	3716511	.	.	.	.	.	.	.	.
297	Wind Serve	4	9999	.	.	.	.	.	.	.	.
298	Windstream Florida, Inc.	1	4967360	✓	✓	.	.	✓	.	.	.
299	Wireless Broadband, Inc.	4	9999	.	.	.	.	.	.	.	.
300	Wireless Online Services	4	9999	.	.	.	.	.	.	.	.
301	Wireless Roanoke, Inc.	4	9999	.	.	.	.	.	.	.	.
302	Wireless Web Access, Inc.	4	9999	.	.	.	.	.	.	.	.
303	wisbin	4	9999	.	.	.	.	.	.	.	.
304	WISP Networks	4	9999	.	.	.	.	.	.	.	.
305	WiVo	2	9999	.	.	.	.	.	.	.	.
306	WorldCom Broadband	4	9999	.	.	.	.	.	.	.	.
307	WPMedia	4	9999	.	.	.	.	.	.	.	.
308	www.AmericanAngel.us	4	9999	.	.	.	.	.	.	.	.
309	Xecu.net	4	9999	.	.	.	.	.	.	.	.
310	XO Communications Services, Inc.	1	6275945	✓	.	.	.	.	✓	.	.
311	XP Internet	4	9999	.	.	.	.	.	.	.	.
312	Xtremeaccess	4	9999	.	.	.	.	.	.	.	.
313	YEZOO.NET	4	9999	.	.	.	.	.	.	.	.
314	YLISP (Your Local ISP)	2	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				Non-Responsive	
						Refused to Participate	Submitted Updated Data	No Change in Data	Missed Deadline; No Data Included in Submission	Data from previous submission included	No Data Included
315	YourT1Wifi.com	4	9999	.	.	.	.	.	.	.	.
316	ZOOM Internet Services, LLC	4	9999	.	.	.	.	.	.	.	.
Total				75	42	2	23	17	21	2	10