

ANNUAL PERFORMANCE PROGRESS REPORT FOR BROADBAND INFRASTRUCTURE PROJECTS

General Information		
1. Federal Agency and Organizational Element to Which Report is Submitted Department of Commerce, National Telecommunications and Information Administration	2. Award Identification Number NT10BIX5570153	3. DUNS Number 025488169
4. Recipient Organization Ocean State Higher Education Economic Development Administrative Network 6946 Post Rd., Ste 402, North Kingstown, RI 02852-7613		
5. Current Reporting Period End Date (MM/DD/YYYY) 12-31-2013	6. Is this the last Annual Report of the Award Period? <input checked="" type="radio"/> Yes <input type="radio"/> No	
7. Certification: I certify to the best of my knowledge and belief that this report is correct and complete for performance of activities for the purposes set forth in the award documents.		
7a. Typed or Printed Name and Title of Certifying Official Robert Gay	7c. Telephone (area code, number and extension)	
	7d. Email Address rob@oshean.org	
7b. Signature of Certifying Official Submitted Electronically	7e. Date Report Submitted (MM/DD/YYYY): 01-12-2014	

OVERALL PROJECT PERFORMANCE INDICATORS

1. Please provide the following average cost figures for your project. Please review the instructions to determine how to calculate these figures. Write "0" in the second column and "N/A" in the third column if your project does not yet have this information. Depending on whether your project contains Middle Mile and/or Last Mile components, some metrics may not apply. Please provide a narrative description if the total is different from the target provided in your baseline plan (600 words or less).

Cost Indicator	Average Cost / Speed	Narrative (describe your reasons for any variance from the baseline plan or any other relevant information)
Average cost per new mile (Middle Mile)	0	N/A
Average cost per household passed (Last Mile)	0	N/A
Average cost per subscriber (Last Mile)	0	N/A
Maximum broadband speed advertised (Middle Mile)	10G	No change
Maximum broadband speed advertised (Last Mile)	0	N/A
Average broadband speed provided (Middle Mile)	1.4G	Per the baseline, OSHEAN is offering a 1G and 10G handoff. 1.4G is the average speed of all CAIs included in the final project total.
Average broadband speed provided (Last Mile)	0	N/A

2. Please provide each facility name and type, the county where the facility is located, and census tract information for any facilities funded by your project during this annual reporting period. Report only facilities for which construction has been completed.

Facility Identifier / Name	Facility Type	County	Census Tracts
(see spreadsheet attachment)	(see spreadsheet attachment)	(see spreadsheet attachment)	(see spreadsheet attachment)

Add Facility

Remove Facility

3. Please identify (1) the total number of interconnection, peering, and/or transit agreements entered into during this annual reporting period; (2) the total number of agreements of each type that you are currently negotiating; and (3) whether you have denied any request for interconnection and if so, why. If you have not entered into any agreements, please write "N/A."

Interconnection Agreements (600 words or less)

N/A - no formal requests have been made to date

Peering and Transit Agreements (600 words or less)

As part of the IRU maintenance agreement with Cox Communications, a peering relationship was established providing for settlement free peering between the Cox (RI) network and OSHEAN, allowing traffic destined for each other's network to pass directly without going out to the Internet. This provides better performance for both OSHEAN and Cox customers' local traffic that traverses our networks. This peering connection is being made physically at OSHEAN's AP1 facility at 235 Promenade Street in Providence.

In addition, as part of our IRU agreement with the BTOP recipient OpenCape, we have a peering arrangement where they connect to our network at OSHEAN's AP1 facility at 235 Promenade Street in Providence.

CAPACITY, UTILIZATION, AND CAPABILITY INDICATORS						
<p>4. Community Anchor Institutions: In the chart below, please provide information on the types of community anchor institutions capable of receiving service (i.e., anchor institutions connected to your network plus those passed by your network) as a result of BTOP funds.</p>						
Type of Community Anchor Institution	Total Number Within Service Area	Type of Community Anchor Institution	Total Number Within Service Area			
Schools (K-12)	383	Public Housing	39			
Libraries	72	Other Institutions of Higher Education	34			
Medical and Healthcare Providers	114	Other Community Support Organizations	144			
Public Safety Entities	31	Other Government Facilities	132			
Community Colleges	4	Total Community Anchor Institutions	953			
<p>5. Please indicate the average increase in broadband speed provided to the community anchor institution customers as a result of your project, including a description of how this increase was calculated (600 words or less).</p> <p>The average increase in broadband speed is 1.0G. This is calculated as the average of the broadband speed increases for all CAIs included in the project. For CAIs where the previous service was being provided by another provider or otherwise unknown, estimates were used.</p>						
<p>6. What retail services are being provided by this project? Please describe below. (600 words or less). As an attachment to this report, please provide pricing plans (in \$ per month) associated with each retail service. Retail services description:</p> <p>OSHEAN provides our member organizations with the following retail services under this project (see attachment for current price lists):</p> <p>1) IP transport services - connectivity of up to 10Gbps per individual site via the BTOP network for IP transport between member locations, to other OSHEAN, regional, and national on-net services, and to OSHEAN POPs for delivery of commodity Internet service.</p> <p>2) Commodity Internet service which includes multiple upstream ISPs, redundant POP locations, 1.5x burst capability, and unmetered access to Internet2.</p> <p>3) OSHEAN Safe Harbor service: On-net colocation rack, power, and pipe service for backup and disaster recovery.</p>						
<p>7a. What network management policies (e.g., bandwidth limitations, traffic prioritization) are in place for the services provided by your project? 7b. Have you ever limited or blocked consumers from accessing any lawful content, service, service provider, or application, or prevented any consumers from attaching any legal device to the network? If so, please explain why (300 words or less)?</p> <p>OSHEAN's network management policy includes provisions stating that bandwidth will not be preferentially allocated or limited to any specific class of users, applications, providers or sources. Except for enforcing contracted bandwidth limits, OSHEAN does not limit bandwidth usage by its users, peers, or providers via mechanisms such as rate limiting or policing. OSHEAN does not restrict a user's access to specific content, block the use of specific applications, or limit the type of devices that can be used to access to network.</p>						
<p>8. If applicable, please provide the total number and the percentage of subscribers who have dropped the broadband service provided through this project (total number of households and/or businesses and the "churn rate") and the subscribers' reasons for discontinuing their service (600 words or less).</p> <p>No subscribers have dropped bandwidth service to date.</p>						
<p>9. Please provide the following information regarding the number of fiber strand-miles:</p>						
Total Number of Strand-miles	Total Number of Active Fiber Strand-miles Used by Recipient	Total Number of Leased Fiber Strand-miles	Total Number of Dark Fiber Strand-miles	Total Number of Strand-miles Being Built		
				Active	Leased	Dark
20,397	2,399	0	17,998	0	0	0
<p>10. If you wholesale dark fiber, please list your wholesale customers and the number of fiber miles you currently are leasing to those customers:</p> <p>OSHEAN makes available wholesale dark fiber, but currently have no wholesale customers and no fiber miles being leased.</p>						
<p>11. Please provide the following information regarding the facility collocation capacity:</p>						
Total Facility (total square feet for all facilities)	Number of Square Feet Used by Recipient	Number of Square Feet Leased	Number of Square Feet Available			

0	0	0	0
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12. If you do not own collocation space, please describe how and where other network providers and/or customers interconnect with your network (600 words or less).

Network providers and/or customers may interconnect with the OSHEAN network at any of the points of interconnection. OSHEAN has also installed slack loops along the backbone routes so that laterals can easily be installed to directly connect to new facilities to the network.

13. To the extent that you have made any subcontracts or sub grants, please provide the number of subcontracts or sub grants that have been made to socially and economically disadvantaged small business (SDB) concerns as defined by section 8(a) of the Small Business Act, 15 U.S.C. 647, as modified by NTIA's adoption of an alternative small business size standard for use in BTOP. Please also provide the names of these SDB entities (150 words or less).

N/A

14. Please describe any best practices/lessons learned that can be shared with other similar BTOP projects (900 words or less).

OSHEAN has utilized IRUs for the procurement of fiber, and found this to be a cost and time savings vehicle.

15. Using the Excel spreadsheet template titled "Annual PPR CCI Addendum", please provide an updated list of Community Anchor Institutions (CAIs) that you have connected and plan to connect to your network.

16. Using the Excel spreadsheet template titled "Annual PPR CCI Addendum", please provide a list of community pairs that are receiving new or improved broadband service as a result of BTOP grant funds.

17. Please provide up-to-date network route maps in a single file, in a Google Earth compatible format (e.g., KMZ file).