U.S. DEPARTMENT OF COMMERCE	2. Award Or Grant Number
Performance Progress Report	70-50-M09073
	4. Report Date (MM/DD/YYYY)
	01-16-2012

1. Recipient Name	6. Designated Entity On Behalf Of:	
CNMI Department of Commerce	CNMI Government	

3. Street Address	8. Final Report?	9. Report Frequency
Caller Box 10007 CK,	○ Yes	⦿ Quarterly
	⦿ No	○ Semi Annual
5. City, State, Zip Code		○ Annual
Saipan , MP 969508907		○ Final

7. Project / Grant Period Start Date: (MM/DD/YYYY)	7a. End Date: (MM/DD/YYYY)	7b. Reporting Period End Date:	9a. If Other, please describe:
09-01-2010	08-31-2015	12-31-2011	N/A

10. Broadband Mapping   10a. Provider Table

Number of Providers Identified	Number of Providers Contacted	Number of Agreements Reached for Data Sharing	Number of Partial Data Sets Received	Number of Complete Data Sets	Number of Data Sets Verified
4	4	0	3	3	3

10b. Are you submitting the required PROVIDER DATA by using the Excel spreadsheet provided by the SBDD grants office? ⦿ Yes ○ No

10c. Have you encountered challenges with any providers that indicate they may refuse to participate in this project? ⦿ Yes ○ No

10d. If so, describe the discussions to date with each of these providers and the current status

Docomo Pacific has supplied coverage and therefore is included in the number of data sets received count; however the data had to be removed from the final data submission as their infrastructure supports speeds under the defined broadband definition.
This is reflected in the counts above, as 4 provider's worth of datasets have been received but only 3 are represented in the data submission.

10e. If you are collecting data through other means (e.g. data extraction, extrapolation, etc), please describe your progress to date and the relevant activities to be undertaken in the future

No

10f. Please describe the verification activities you plan to implement

We hope to increase verification activities based on the speed test data collected from the public interactive map, as well as the data provided by NTIA with the FCC Speed tests.

10g. Have you initiated verification activities? ⦿ Yes ○ No

10h. If yes, please describe the status of your activities

1. Validation - Provider Portal/Web Application has been released and trained to providers currently participating. This allows them to go into the web application and review their coverage/attribution, submit updates and validate everything. Ongoing training will occur on an as needed basis, including refresher trainings for every dataset submission.

2. Verification - 3rd Party Source Material –
As provider data is updated, we will continue to verify the coverage areas against the 3rd party sources and bring any discrepancies to the provider's attention to ensure the map represents their coverage accurately.

3. The Crowd Sourcing collection was integrated into the public web site. Within the interactive map, the public can run speed tests and provide feedback on the available broadband technology in their area. All feedback is collected within a table with categorization available so the team can review all result overtime and provide reports supporting the type of issue identified.
Update: The web site has been released to the public as of October 2011 and data is starting to be received from the speed tests. We're hoping there will be an increase in usage, as well as receiving the FCC speed test data from NTIA.

10i. If verification activities have not been initiated please provide a projected time line for beginning and completing such activities

N/A

Staffing

10j. How many jobs have been created or retained as a result of this project?

1.773

10k. Is the project currently fully staffed? ◯ Yes ⦿ No

10l. If no, please explain how any lack of staffing may impact the project's time line and when the project will be fully staffed

The project will be fully staffed during the implementation of the survey. The project is still progressing as planned, but it will not have the maximum number of jobs until a later phase.

10m. When fully staffed, how many full-time equivalent (FTE) jobs do you expect to create or retain as a result of this project?

11.9

10n. Staffing Table

Job Title	FTE %	Date of Hire
QC Specialist	0	03/22/2010
Data Sourcing Manager	5	11/30/2009
Sr. Quality Manager, Technical Project Manager	0	08/10/2009
Cartographic Specialist	25	08/31/2009
Cartographic Specialist	2	10/13/2009
Database and Requirements Engineer	0	08/10/2009
Program Manager	31	10/19/2009
Database and Requirements Engineer	8	03/29/2010
QC Specialist, Sr Web Designer	0	04/01/2010
Geocoding Conflation Engineer	0	09/07/2009
Database and Requirements Engineer, Sr Web Designer	7	08/10/2009
Sr, Director, Finance and Administration	0	10/05/2009
Director, International Programs	17	05/01/2006
Program Manager	18	10/01/2006
Community Liaison	64	05/01/2011
Operations Specialist	0	10/05/2009
Account Manager	0	02/15/2010
Technical Writer	0	04/19/2010
Sr Web Designer	0	04/19/2010

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Sub Contracts

10o. Subcontracts Table

Name of Subcontractor	Purpose of Subcontract	RFP Issued (Y/N)	Contract Executed (Y/N)	Start Date	End Date	Federal Funds	In-Kind Funds

One-Economy Corporation	To fulfill the Mapping and Planning deliverables for the NTIA	Y	Y	04/01/2010	09/30/2015	1,216,116	54,029

Add Row	Remove Row

Funding

10p. How much Federal funding has been expended as of the end of the last quarter? $237,788   10q. How much Remains? $770,264

10r. How much matching funds have been expended as of the end of last quarter? $36,158   10s. How much Remains? $17,871

10t. Budget Worksheet

Mapping Budget Element	Federal Funds Granted	Proposed In-Kind	Total Budget	Federal Funds Expended	Matching Funds Expended	Total Funds Expended
Personal Salaries	$0	$0	$0	$0	$0	$0
Personnel Fringe Benefits	$0	$0	$0	$0	$0	$0
Travel	$0	$0	$0	$0	$0	$0
Equipment	$0	$0	$0	$0	$0	$0
Materials / Supplies	$0	$0	$0	$0	$0	$0
Subcontracts Total	$1,040,322	$0	$1,040,322	$237,788	$0	$237,788
Subcontract #1	$0	$0	$0	$0	$0	$0
Subcontract #2	$0	$0	$0	$0	$0	$0
Subcontract #3	$0	$0	$0	$0	$0	$0
Subcontract #4	$0	$0	$0	$0	$0	$0
Subcontract #5	$0	$0	$0	$0	$0	$0
Construction	$0	$0	$0	$0	$0	$0
Other	$0	$0	$0	$0	$0	$0
Total Direct Costs	$1,040,322	$0	$1,040,322	$237,788	$0	$237,788
Total Indirect Costs	$175,794	$54,029	$229,823	$0	$36,158	$0
Total Costs	$1,216,116	$54,029	$1,270,145	$237,788	$36,158	$237,788
% Of Total	96	4	100	20	67	20

Hardware / Software

10u. Has the project team purchased the software / hardware described in the application?   ◯Yes ⦿No

10v. If yes, please list

The HW/SW has been invoiced and will now be able to be acquired to start the transition process, implementing the various portals and editing environment on-site. This will be planned following the Spring 2012 data submission, to ensure there is no impact on the deliverable.

10w. Please note any software / hardware that has yet to be purchased and explain why it has not been purchased
Nothing has been purchased with the exception of crowd-sourcing tools from the New American Foundation for $43,750. We're hoping they'll be available for the upcoming status meeting to finalize requirements. Below is a snapshot of the last ones within their contract.
Category: Item:
Server   Dell Precision T7500 Workstation, Windows 7 Pro 64-bit, Quad-core 3.33 Ghz, 12 GB RAM
Storage   Internal RAID 5 with 2 TB (500GBx4) Storage
OS   Window Server 2008 Standard R2 (5 CALs)
RDBMS   PostgreSQL?
Map Server   ArcGIS Server Standard ($20K+$5K per additional core)
Desktop GIS   ArcEditor

10x. Has the project team purchased or used any data sets? ○Yes ●No

10y. If yes, please list

N/A

10z. Are there any additional project milestones or information that has not been included? ○Yes ●No

10aa. If yes, please list

N/A

10bb. Please describe any challenge or obstacle that you have encountered and detail the mitigation strategies the project team is employing

Provider participation was a challenge but BroadMap met with them during a visit to CNMI to build relationships, show them how their data is utilized and validate existing coverages.

10cc. Please provide any other information that you think would be useful to NTIA as it assesses your Broadband Mapping Project

None

11. Broadband Planning

11a. Please describe progress made against all goals, objectives, and milestones detailed in the approved Project Plan. Be sure to include a description of each major activity / milestone that you plan to complete and your current status

In the fourth quarter of 2011 One Economy finished the RFP process and selected JSB Consulting to conduct the Community Broadband Survey. JSB Consulting conducted the full survey, conducting over 1,000 in-person surveys on Saipan, Rota, and Tinian. The data from the surveys was then input into SPSS software. One Economy began the data analysis once the data was input, and the analysis should be complete early in Q1 of 2012. One Economy also began the early preparation for the next trip to CNMI by contacting the CNMI contacts and our local liaison.

11b. Please describe any challenge or obstacle that you have encountered and detail the mitigation strategies the project team is employing

Since kick-off we have not experienced any significant problems.

11c. Does the Project Team anticipate any changes to the project plan for Broadband Planning? ○Yes ●No

11d. If yes, please describe these anticipated changes. Please note that NTIA will need to approve changes to the Project Plan before they can be implemented

N/A

Funding

11e. How much Federal funding has been expended as of the end of the last quarter? $237,788   11f. How much Remains? $770,264

11g. How much matching funds have been expended as of the end of last quarter? $36,158   11h. How much Remains? $17,871

11i. Planning Worksheet						
Personal Salaries	$0	$0	$0	$0	$0	$0
Personnel Fringe Benefits	$0	$0	$0	$0	$0	$0
Travel	$0	$0	$0	$0	$0	$0
Equipment	$0	$0	$0	$0	$0	$0
Materials / Supplies	$0	$0	$0	$0	$0	$0

11i. Planning Worksheet						
Subcontracts Total	$0	$0	$0	$0	$0	$0
Subcontract #1	$0	$0	$0	$0	$0	$0
Subcontract #2	$0	$0	$0	$0	$0	$0
Subcontract #3	$0	$0	$0	$0	$0	$0
Subcontract #4	$0	$0	$0	$0	$0	$0
Subcontract #5	$0	$0	$0	$0	$0	$0
Construction	$0	$0	$0	$0	$0	$0
Other	$0	$0	$0	$0	$0	$0
Total Direct Costs	$0	$0	$0	$0	$0	$0
Total Indirect Costs	$0	$0	$0	$0	$0	$0
Total Costs	$0	$0	$0	$0	$0	$0
% Of Total	0	0	0	0	0	0

Additional Planning Information

11j. Are there any additional project milestones or information that has not been included?

No

11k. Please describe any challenge or obstacle that you have encountered and detail the mitigation strategies the Project Team is employing

Since kick-off we have not experienced any big problems.

11l. Please provide any other information that you think would be useful to NTIA as it assesses your Broadband Mapping Project
CNMI faces unique challenges when it comes to broadband adoption. The territory is served by a single undersea cable, which connects it to Guam. The cable was privately financed and as a result, the telecommunications companies are forced to charge very high rates for broadband internet in order to recoup their investment in the cable or leased bandwidth. These costs are passed along to consumers, which in turn, depress broadband adoption rates. This has been confirmed through stakeholder interviews and through the broadband adoption survey conducted by JSB consulting. However, despite the high price, the demand for broadband internet is quite high. As a result of a grant from the department of education, approximately 5000 students received laptops; the CIA World Factbook estimates the territory's total population is under 45000 residents. Thus most households have access to a computer, and roughly 70% of residents use the internet. However, only about 43% have broadband internet at home. Many residents will access the internet at work, or via unsecured WiFi at restaurants, cafes, and gas stations. The prevalence of free unsecured WiFi throughout the islands makes it difficult for the telecommunications providers to recover their costs, and thus, the cost of home internet remains high. These factors create a negative loop which perpetuates high prices, low speeds, and low rates of broadband adoption in the territory.

12. Certification: I certify to the best of my knowledge and belief that this report is correct and complete for performance of activities for the purpose set forth in the award documents.	
12a. Typed or Printed Name and Title of Authorized Certifying Official Ivan Blanco	12c. Telephone (area code, number, and extension)
	12d. Email Address director.csd@commerce.gov.mp
12b. Signature of Authorized Certifying Official Submitted Electronically	12e. Date Report Submitted (Month, Day, Year) 01-17-2012