

**U.S. DEPARTMENT OF COMMERCE**

**Performance Progress Report**

2. Award Or Grant Number

70-50-M09073

4. Report Date (MM/DD/YYYY)

07-09-2012

1. Recipient Name

CNMI Department of Commerce

6. Designated Entity On Behalf Of:

CNMI Government

3. Street Address

Caller Box 10007 CK,

8. Final Report?

Yes

No

9. Report Frequency

Quarterly

Semi Annual

Annual

Final

5. City, State, Zip Code

Saipan , MP 969508907

7. Project / Grant Period  
Start Date: (MM/DD/YYYY)

09-01-2010

7a. End Date: (MM/DD/YYYY)

08-31-2015

7b. Reporting Period End Date:

06-30-2012

9a. If Other, please describe:

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.

We haven't seen any FCC speed test uploaded to the FCC data management tool yet, so we would like to know if any data has been collected as of yet.

Update: We are in the process receiving speed data collect via other public sites and applications and will use that to further verification efforts.

10g. Have you initiated verification activities?  Yes  No

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

1. Validation - Provider Portal is available 24/7 for the providers to update their broadband infrastructure as changes occur. We will be sending out updated training sessions in preparation for next outreach.

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. Crowd Sourcing - The public interactive map is released and prior to the next data submission's efforts, feedback collected will be reviewed with each provider during the outreach phase. This was done with MCV this last round and resulted in map refinement.

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?

2.16

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 was fully staffed at an earlier phase of the project. Although it is not fully staffed at this reporting period, such does not impact the project's time line. We do not expect to fully staff this project for the duration of the grant period.

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 staffed a portion of the project during the survey phase. After the survey phase, we were only able to retain 2.16 FTE and expect to continue with this number.

10n. Staffing Table

Job Title	FTE %	Date of Hire
QC Specialist	3	03/22/2010
Data Sourcing Manager	5	
Sr. Quality Manager, Technical Project Manager	3	
Cartographic Specialist	11	
Cartographic Specialist	3	
Database and Requirements Engineer	1	
Program Manager	27	
Database and Requirements Engineer, Sr. Web Designer	28	
Director, International Programs	35	
Program Manager	33	
Community Liaison	64	5/01/2011
Director of Finance and Administration	3	

Add Row

Remove Row

## 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	04/11/2011	09/30/2015	1,040,322	0

Add Row

Remove Row

## Funding

10p. How much Federal funding has been expended as of the end of the last quarter? \$806,547      10q. How much Remains? \$171,781

10r. How much matching funds have been expended as of the end of last quarter? \$39,652      10s. How much Remains? \$14,377

10t. Budget Worksheet

Mapping Budget Element	Federal Funds Granted	Proposed In-Kind	Total Budget	Federal Funds Expended	Matching Funds Expended	Total Funds Expended

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	\$806,547	\$0	\$806,547
Subcontract #1	\$1,040,322	\$0	\$1,040,322	\$806,547	\$0	\$806,547
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	\$806,547	\$0	\$806,547
Total Indirect Costs	\$175,794	\$54,029	\$229,823	\$0	\$39,652	\$39,652
Total Costs	\$1,216,116	\$54,029	\$1,270,145	\$806,547	\$39,652	\$846,199
% Of Total	96	4	100	95	5	100

### Hardware / Software

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

10v. If yes, please list

The HW is in the process of being invoiced/acquired, which will be closed out following the final October NTIA deliverable. The HW is being purchased through the vendor contract. By the final October NTIA deliverable, the HW will revert to CNMI.

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

N/A

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

One Economy has initiated vendor name change to One Global Economy. The paperwork for such is being processed.

### 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 Q2 of 2012 One Economy has continued its regression analyses and its community outreach. Cost and middle-mile connectivity are the biggest barriers to adoption. Additional middle-mile capacity has the potential to bring costs down significantly, but so far the stimulus money given to IT&E has failed to achieve that. Additionally, our local liaison has been putting out public service announcements to raise awareness of the program as well as to encourage greater usage of the speed test. Lastly, we continue to have follow-up conversations with two of the providers on CNMI, IT&E and MCV. BroadMap has continued to gather and submit revised data from CAIs and ISPs.

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

One of the challenges is that we can't get data on the rates that IT&E is charging as an ILEC to its competitors, namely MCV. This information, combined with the cost of the middle-mile bandwidth would help us ascertain what the biggest barriers to adoption are as well as well as the best public policy solutions.

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

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#### 11i. Planning Worksheet

Personal Salaries	\$0	\$0	\$0	\$0	\$0	\$0
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Subcontract #2	\$0	\$0	\$0	\$0	\$0	\$0
Subcontract #3	\$0	\$0	\$0	\$0	\$0	\$0

11i. Planning Worksheet

Subcontract #4	\$0	\$0	\$0	\$0	\$0	\$0
Subcontract #5	\$0	\$0	\$0	\$0	\$0	\$0
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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

Everything is going according to plan, and we do not anticipate any major changes.

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)

08-13-2012