2012 Annual Performance Plan Formulation

National Telecommunications and Information Administration

Section 1 Mission Statement

The National Telecommunications and Information Administration (NTIA) serves as the President's principal adviser on telecommunications and information policy matters, and develops forward looking spectrum policies that ensure efficient and effective spectrum access and use.

NTIA manages all spectrum use by the Federal government departments and agencies, and examines how the radio frequency spectrum is used and managed in the United States. A large part of NTIA's policy activities is devoted to making spectrum use more efficient. NTIA will administer its grant programs, such as the Broadband Technology Opportunities Program (BTOP), in a manner consistent with the Administration's goals of stimulating the U.S. economy and promoting job growth. Both domestically and internationally, NTIA will foster and encourage competition and universal service in telecommunications and information services, promote broadband deployment, and advance the Administration's positions on policy issues such as Internet governance, the stability of communications infrastructure, and cybersecurity. NTIA's research laboratory, the Institute for Telecommunication Sciences (ITS), will perform telecommunications research, conduct cooperative research and development with U.S. industry and academia, and provide technical engineering support to NTIA and to other Federal agencies. NTIA's policy, spectrum management, and research programs will support emerging technologies and uses of spectrum resources for affordable, alternative communications services.

Section 2 Corresponding DOC Themes

ECONOMIC GROWTH -- INNOVATION AND ENTREPRENEURSHIP GOAL Providing the tools, systems, policies, and technologies that will enable U.S. businesses to maintain their technological advantage in world markets.

Objective 4.   Drive innovation through supporting an open global Internet and communications and broadband policies that enable robust infrastructure, ensure integrity of the system, and support e-commerce

NTIA serves as the President's primary policy advisor on domestic and international telecommunications and information issues and acts as the Administration's primary voice on them. NTIA fulfills this role in a number of ways: by advocating globally for foreign regulatory and policy regimes that encourage competition and innovation; by

preparing and issuing special reports on topics of broad interest; providing the Administration's views on actions proposed by the Federal Communications Commission (FCC); issuing requests for public input on specific issues; and encouraging dialogue with the private sector through sponsorship and participation in conferences, workshops, and other forums. NTIA's also directly benefits the American public through promotion of universal, affordable availability of advanced telecommunications such as broadband and wireless services and Internet-related technologies, and by facilitating national and homeland security, public safety, and scientific research. NTIA also is requesting funding for a new program to build a Public Safety Broadband Network that will permit interoperability of public safety equipment nationwide, using spectrum in the 700 MHz band. The program would be administered over several years and would be offset by new spectrum auctions.

NTIA also participates on behalf of the Administration in other proceedings related to telecommunications and information policy, including Internet governance, domain name management, and the core issues of privacy policy, child protection and freedom of expression, and cybersecurity. All of these activities engage other government agencies, both in the Department of Commerce and throughout the Federal government as well as Internet constituencies in the commercial world, civil society and academia. All of these activities will require substantial coordination among NTIA's program offices, as well as interagency coordination to develop the Administration's positions.

U.S. policies must ensure that radio spectrum is used efficiently and fairly to promote the best interests of the public. Current spectrum management policies are under increasing strain as the demand for existing spectrum-based services grows and new spectrum-related technologies and applications emerge. The nation's spectrum policies must keep pace with new technologies and demands on the resources while ensuring that essential government missions are maintained. Under the Wireless Innovation and Infrastructure Initiative (WI3), NTIA will find over the next 10 years 500 MHz of Federal and nonfederal spectrum suitable for both mobile and fixed wireless broadband use. NTIA will work in conjunction with the FCC in recovering and reallocating spectrum, updating 20th century spectrum policies, and providing adequate incentives and assistance to enable federal agencies or affected entities to make up to 500 MHz (in bandwidth) available.

In addition to fostering greater availability and use of broadband technologies, the Broadband Technology Opportunities Program (BTOP) is helping to jump-start economic growth, create jobs, and lay the foundation for long-term prosperity for all Americans. The goal of this program is to improve broadband services in unserved and underserved areas of the United States, ensure that every American may benefit from broadband technologies, and enhance America's competitiveness through advances in broadband speeds, deployment and adoption. The Recovery Act also required NTIA to use a portion of these funds for the purpose of developing a map of broadband services in the United States. All BTOP and mapping grants are to be obligated before the end of fiscal year 2010. Among other things, NTIA must ensure that projects supported by BTOP funds are substantially completed within two years and fully completed within three years, and that funds are used by recipients in an efficient, expeditious, and competent manner.

ECONOMIC GROWTH -- **TRADE PROMOTION AND COMPLIANCE GOAL:** Improve our global competitiveness and foster domestic job growth while protecting American security.

Objective 11.   Develop and influence international standards and policies to support the full and fair competitiveness of U.S. industry

NTIA serves as the President's primary policy advisor on domestic and international telecommunications and information issues and acts as the Administration's primary voice on them. NTIA fulfills this role in part by advocating globally for foreign regulatory and policy regimes that encourage competition and innovation, and by encouraging dialogue with the private sector through sponsorship and participation in conferences, workshops, and other forums. NTIA will pursue policies promoting international trade in telecommunications products and services, promoting consistent international approaches to telecommunications policies, and improving relations with countries with rapidly expanding markets.

NTIA is also responsible for coordinating the federal government's participation in the International Telecommunication Union's (ITU) World Radiocommunication Conferences (WRC) and related national and international meetings. NTIA works with the Federal Communications Commission (FCC), which represents the civil spectrum community, and the State Department, to create United States Preliminary Views and Proposals for the WRCs.

SCIENCE AND INFORMATION GOAL Generating and communicating new, cutting-edge scientific understanding of technical, economic, social and environmental systems

Objective 13.   Enhance scientific knowledge and provide information to stakeholders to improve innovation, technology, support economic growth and improve public safety

In addition to its policy-related activities, NTIA supports innovative telecommunications and information technologies through basic research performed at its laboratory, the Institute for Telecommunication Sciences (ITS). ITS performs extensive basic research on quality of digital speech, audio and video compression, and transmission characteristics. This research has the potential to improve both the performance of telecommunications networks and the availability of digital content on the Internet. ITS research also supports U.S. positions in international standards-setting bodies and NTIA's development of Administration policies related to the introduction of new technologies.

Section 3 Impact of Recovery Act

The American Recovery and Reinvestment Act of 2009 (Recovery Act, Public Law No. 111-5) appropriated $4.7 billion to NTIA to provide grants for broadband initiatives throughout the United States. The Recovery Act instructed NTIA to establish the Broadband Technology Opportunities Program (BTOP), a grant program of which the purpose is to provide access to broadband in unserved areas of the United States; improve access in underserved areas; provide broadband technologies to schools, hospitals, libraries and other strategic institutions; improve broadband capabilities for public safety agencies; and stimulate demand for broadband.

Section 4 Priorities and Management Challenges

NTIA's responsibilities in FY 2012 and beyond include management of a $6.0 billion grant portfolio, the creation of economic potential through astute management of the Nation's spectrum resources and a leadership role in the fast-growing broadband and Internet world. A major portion of NTIA's activities in FY 2011 and 2012 will be directed toward achieving the President's goals in the Recovery Act through the continuing administration and execution of the BTOP. The size and scope of the BTOP program demand significant NTIA management attention to managing staff and resources. Significant NTIA resources will also be devoted to ensuring the safety, stability, and security of the Internet via advocacy with regard to Internet governance and cybersecurity both domestically and internationally.

The Secretary of Commerce has made Internet policy issues a top priority. The Internet Policy Task Force will identify leading public policy and operational challenges in the Internet environment. The Task Force leverages expertise across many bureaus, including those responsible for domestic and international information and communications technology policy, international trade, cyber security standards and best practices, intellectual property, business advocacy and export control.

Under WI3, NTIA will support efforts to make spectrum available for fixed and mobile wireless broadband. The President directed that adequate funding and incentives be provided to accomplish these actions. This includes efforts to improve spectrum sharing between Federal and non-Federal users as a means of improving spectrum efficiency. In addition, NTIA will support efforts to build a public safety broadband network to provide the Nation's first responders with communication interoperability and additional spectrum in the 700 MHz band.

Section 5 Targets and Performance Summary
Objective 4: Drive innovation through supporting an open global Internet and communications and broadband policies that enable robust infrastructure, ensure integrity of the system, and support e-commerce

Measure 1 Update the Spectrum Inventory first established in FY2011

Measure Description	NTIA will develop and maintain, in an understandable written and web-based form, a Spectrum Inventory and other information that describes Executive Branch spectrum use. The spectrum inventory is needed to inform spectrum management policy decision-makers and technology innovators. System characteristics and assignment data will be used to determine spectrum/geographic areas that are underutilized or vacant. With advice and support from the Federal agencies through the Interdepartment Radio Advisory Committee (IRAC), and the Commerce Spectrum Management Advisory Committee (CSMAC), other improvements will be implemented as necessary to ensure the efficiency and effectiveness of spectrum management processes.					

Target and Performance Table

	FY2007 Actual	FY2008 Actual	FY2009 Actual	FY2010 Actual	FY2011 Target	FY2012 Target
Original Funds	New	New	New	New	Complete initial version of Spectrum Inventory	Spectrum Inventory Update
Comments on Changes to Targets						

Relevant Program Changes	Program Changes	Title of Program Change				Exhibit 13 Page Number
-	-				-	

Validation & Verification Information	Data Source	Reporting Frequency	Data Storage	Internal Control Procedures	Data Limitations	Actions to be Taken
	NTIA Office of Spectrum Management (OSM)	Monthly, Annually	Office of Spectrum Management, Associate Administrator	NTIA document clearance process, OMB/Interagency clearance process	None	None

Section 5 Targets and Performance Summary
Objective 4: Drive innovation through supporting an open global Internet and communications and broadband policies that enable robust infrastructure, ensure integrity of the system, and support e-commerce

Measure 2 Identify up to 500 MHz of spectrum to support commercial broadband services or products

Measure Description	NTIA is undertaking tasks in collaboration with the FCC to make available a total of 500 MHz (in bandwidth) of spectrum to support wireless broadband services or products over the next 10 years. This work will also include regular progress reports.					

Target and Performance Table

	FY2007 Actual	FY2008 Actual	FY2009 Actual	FY2010 Actual	FY2011 Target	FY2012 Target
Original Funds	New	New	New	New	New	Meet 66% of milestones regarding the identification of 500 MHz for wireless broadband.
Comments on Changes to Targets						

Relevant Program Changes	Program Changes	Title of Program Change			Exhibit 13 Page Number	
-	-				-	

Validation & Verification Information	Data Source	Reporting Frequency	Data Storage	Internal Control Procedures	Data Limitations	Actions to be Taken
	NTIA Office of Spectrum Management (OSM)	Monthly, Annually	Office of Spectrum Management, Associate Administrator	NTIA document clearance process, OMB/Interagency clearance process	None	None

Section 5 Targets and Performance Summary
Objective 4: Drive innovation through supporting an open global Internet and communications and broadband policies that enable robust infrastructure, ensure integrity of the system and support e-commerce

Measure 3 Miles of broadband networks deployed (Infrastructure Projects) [**Note:** This is a High Priority Performance Goal]

Measure Description	BTOP funds will be used to support projects that provide broadband service in unserved areas and enhance broadband service underserved areas of the United States. NTIA will fund infrastructure projects that deploy a variety of technologies and approaches to enhance the Nation's broadband capabilities. The performance measure contains the number of miles of network (e.g., fiber, microwave) deployed using BTOP funding.					
Target and Performance Table						
	FY2007 Actual	**FY2008 Actual**	**FY2009 Actual**	**FY2010 Target**	**FY2011 Target**	**FY2012 Target**
Original Funds	New	New	New	New	0	0
Impact of Recovery Funds					10,000	30,000
Adjusted Targets reflecting Original and Recovery Act Funds					10,000	30,000
Comments on Changes to Targets	Due to the early stage of the BTOP program, these targets are preliminary. NTIA anticipates these outcomes will change over time as grant recipients begin reporting on their actual progress in implementing BTOP projects.					
Impact of Recovery Act Funds						
Relevant Program Changes	**Program Changes**	**Title of Program Change**				**Exhibit 13 Page Number**
-	-				-	
Validation & Verification Information	**Data Source**	**Reporting Frequency**	**Data Storage**	**Internal Control Procedures**	**Data Limitations**	**Actions to be Taken**
	Grantee reports	Quarterly	Grantee reporting system	Inspection	Reporting errors on the part of grantees	Collection of data

Section 5 Targets and Performance Summary
Objective 4: Drive innovation through supporting an open global Internet and communications and broadband policies that enable robust infrastructure, ensure integrity of the system and support e-commerce

Measure 4 Community anchor institutions connected (Infrastructure Projects) [**Note:** This is a High Priority Performance Goal]

Measure Description	The Recovery Act places a high priority on deploying and enhancing broadband capabilities for community anchor institutions such as libraries, hospitals, schools, and public safety entities. This performance measure contains the number of anchor institutions (as defined in the Program's Notice(s) of Funds Availability) connected with new or improved broadband capabilities.					
Target and Performance Table						
	FY2007 Actual	**FY2008 Actual**	**FY2009 Actual**	**FY2010 Target**	**FY2011 Target**	**FY2012 Target**
Original Funds	New	New	New	New	0	0
Impact of Recovery Funds					3,000	10,000
Adjusted Targets reflecting Original and Recovery Act Funds					3,000	10,000
Comments on Changes to Targets	Due to the early stage of the BTOP program, these targets are preliminary. NTIA anticipates these outcomes will change over time, perhaps substantially as grant recipients begin reporting on their actual progress in implementing BTOP projects.					
Impact of Recovery Act Funds						
Relevant Program Changes	**Program Changes**	**Title of Program Change**				**Exhibit 13 Page Number**
-	-				-	
Validation & Verification Information	**Data Source**	**Reporting Frequency**	**Data Storage**	**Internal Control Procedures**	**Data Limitations**	**Actions to be Taken**
	Grantee reports	Quarterly	Grantee reporting system	Inspection	Reporting errors on the part of grantees	Collection of data

Section 5 Targets and Performance Summary
Objective 4: Drive innovation through supporting an open global Internet and communications and broadband policies that enable robust infrastructure, ensure integrity of the system and support e-commerce
Measure 5 New and upgraded public computer workstations (Public Computer Centers Projects) [**Note:** This is a High Priority Performance Goal]

Measure Description	NTIA must award at least $200 million in grants by the end of Fiscal Year 2010 to expand public computer center capacity. The performance measure contains the number of new and improved computer workstations funded through the BTOP Public Computer Centers category of funding.					
Target and Performance Table						
	FY2007 Actual	**FY2008 Actual**	**FY2009 Actual**	**FY2010 Target**	**FY2011 Target**	**FY2012 Target**
Original Funds	New	New	New	New	0	0
Impact of Recovery Funds					10,000	20,000
Adjusted Targets reflecting Original and Recovery Act Funds					10,000	20,000
Comments on Changes to Targets	Due to the early stage of the BTOP program, these targets are preliminary. NTIA anticipates these outcomes will change over time as grant recipients begin reporting on their actual progress in implementing BTOP projects.					
Impact of Recovery Act Funds						
Relevant Program Changes	**Program Changes**	**Title of Program Change**				**Exhibit 13 Page Number**
-	-				-	
Validation & Verification Information	**Data Source**	**Reporting Frequency**	**Data Storage**	**Internal Control Procedures**	**Data Limitations**	**Actions to be Taken**
	Grantee reports	Quarterly	Grantee reporting system	Inspection	Reporting errors on the part of grantees	Collection of data

Section 5 Targets and Performance Summary
Objective 4: Drive innovation through supporting an open global Internet and communications and broadband policies that enable robust infrastructure, ensure integrity of the system and support e-commerce
Measure 6 New household and business subscribers to broadband (Sustainable Broadband Adoption Projects) [**Note:** This is a High Priority Performance Goal]

Measure Description	NTIA must award at least $250 million in grants by the end of Fiscal Year 2010 for innovative programs to encourage sustainable adoption of broadband service. The performance measure contains the number of new household and business subscribers to broadband generated by projects funded through the BTOP Sustainable Broadband Adoption category of funding, as reported by awardees.					
Target and Performance Table						
	FY2007 Actual	**FY2008 Actual**	**FY2009 Actual**	**FY2010 Target**	**FY2011 Target**	**FY2012 Target**
Original Funds	New	New	New	New	0	0
Impact of Recovery Funds					100,000	250,000
Adjusted Targets reflecting Original and Recovery Act Funds					100,000	250,000
Comments on Changes to Targets	Due to the early stage of the BTOP program, these targets are preliminary. NTIA anticipates these outcomes will change over time as grant recipients begin reporting on their actual progress in implementing BTOP projects.					
Impact of Recovery Act Funds						
Relevant Program Changes	**Program Changes**	**Title of Program Change**				**Exhibit 13 Page Number**
- FY2011 Target	- Increased from 25,000 to 100,000				-	
Validation & Verification Information	**Data Source**	**Reporting Frequency**	**Data Storage**	**Internal Control Procedures**	**Data Limitations**	**Actions to be Taken**
	Grantee reports	Quarterly	Grantee reporting system	Inspection	Reporting errors on the part of grantees	Collection of data

Section 5 Targets and Performance Summary
Objective 11: Develop and influence international standards and policies to support the full and fair competitiveness of US industry
Measure 1 75% of NTIA positions substantially adopted or successful at international meetings

Measure Description	NTIA will develop and provide the Federal Government positions and proposals necessary for technical and policy forums and meetings. This measure encompasses the completion of technical studies and preparation of draft proposals representing the federal agency views to prepare the US proposals to WRC-12. NTIA also will promote acceptance of U.S. positions and proposals internationally by representing U.S. interests at regional telecommunications meetings, bilateral meetings and conferences.					
Target and Performance Table						
	FY2007 Actual	**FY2008 Actual**	**FY2009 Actual**	**FY2010 Target**	**FY2011 Target**	**FY2012 Target**
Original Funds	New	New	New	New	New	75% of NTIA positions substantially adopted/successful at international meetings.
Comments on Changes to Targets						
Relevant Program Changes	Program Changes	Title of Program Change			Exhibit 13 Page Number	
-	-				-	
Validation & Verification Information	Data Source	Reporting Frequency	Data Storage	Internal Control Procedures	Data Limitations	Actions to be Taken
	NTIA Office of Spectrum Management (OSM), Office of International Affairs (OIA)	Monthly, Annually	OSM, OIA, Associate Administrators	NTIA document clearance process, OMB/Interagency clearance process	None	None

Section 5 Targets and Performance Summary
Objective 13: Enhance scientific knowledge and provide information to stakeholders to improve innovation and technology, support economic growth, and improve public safety
Measure 1 Annual Progress Report on the Test-Bed

Measure Description	NTIA is conducting a pilot test-bed program to evaluate approaches and techniques to increase spectrum sharing between Federal and non-federal spectrum users.					
Target and Performance Table						
	FY2007 Actual	**FY2008 Actual**	**FY2009 Actual**	**FY20 Target**	**FY2011 Target**	**FY2012 Target**
Original Funds	New	New	New	New	Publish Annual Report	Publish Annual Report
Comments on Changes to Targets						
Relevant Program Changes	Program Changes	Title of Program Change			Exhibit 13 Page Number	
-	-				-	
Validation & Verification Information	Data Source	Reporting Frequency	Data Storage	Internal Control Procedures	Data Limitations	Actions to be Taken
	NTIA Office of Spectrum Management (OSM)	Monthly, Annually	Office of Spectrum Management, Associate Administrator	NTIA document clearance process, OMB/Interagency clearance process	None	None

Section 5 Previous Measures

Outcome 1: Ensure that the allocation of radio spectrum provides the greatest benefit to all people						
	FY2007 Actual	FY2008 Actual	FY2009 Actual	FY2010 Actual	FY2011 Target	FY2012 Target
Measure 1a Median processing time for interagency action on spectrum assignment requests	9 days	9 days	9 days	9 days	9 days	Discontinued
Measure 1b Median processing time for certification of spectrum support for planned radio communications systems	4 mos.	4 mos.	2 mos.	1.2 mos.	2 mos.	Discontinued
Measure 1c Percent of space system coordination requests meeting 14 days process time	97% 18days	95% 14days	98% 14days	100% 14days	90% 14days	Discontinued
Measure 1d Median comment time for interagency review and NTIA response on FCC draft policy and rules documents	11 days	13.3 days	11 days	11.6 days	15 days	Discontinued
Measure 1f Complete key activities to support effective decision-making by policymakers, businesses, and the public in preparation for the World Radio Conference 2012 (WRC-12)	New	New	New	New	WRC-12 Submission	Discontinued
Measure 1i Clearing of Federal systems from the 1710-1755 MHz band	New	New	New	New	90% 0f 1990 assignments	Discontinued
Outcome 2: Promote the availability and support new sources of advanced telecommunications and information services						
	FY2007 Actual	FY2008 Actual	FY2009 Actual	FY2010 Actual	FY2011 Target	FY2012 Target
Measure 2a Support new telecom and info technology by advocating Administration views in FCC docket filings, and Congressional and other proceedings	8 dockets and proceedings	11 dockets and proceedings	12 dockets and proceedings	27 dockets and proceedings	5 dockets and proceedings	Discontinued
Measure 2b Number of website views for research publications	315K/Q	381K/Q	225K/Q	928K/Q	240K/Q	Discontinued
Outcome 3: Ensure the effective implementation of the Broadband Technology Opportunities Program						
	FY2007 Actual	FY2008 Actual	FY2009 Actual	FY2010 Actual	FY2011 Target	FY2012 Target
Measure 3c Homes, businesses, and anchor institutions with new and improved broadband availability (Infrastructure Projects)	New	New	New	New	500,000	Discontinued

Section 6 2012 Program Changes
Program Funding Changes Table

Program Changes?	Program Name	Accompanying APP Page No.	GPRA Performance Measure Name and Number	Base FTEs	Base Amount	Increase/Decrease FTEs	Increase/Decrease Amount	Exhibit 12-15 Page No.
Yes	Internet 3.0—Internet Innovation	4-5	NA	26	$5,472,000	5	$1,000,000	11
Yes	Wireless Broadband (500 MHz)	4-5	Measure 2: Identify up to 500 MHz of spectrum to support commercial broadband services or products	0	0	5	$1,740,000	37
Yes	Telecommunication Sciences Research Base Reduction	5-6	NA	49	7,403,000	0	($ 150,000)	54
Yes	Broadband Programs	5	4 BTOP measures	50	$20,104,000	(10)	$12,206,000	58

Section 7 Resource Requirements

Objective 4: Drive innovation through supporting an open global Internet and communications and broadband policies that enable robust infrastructure, ensure integrity of the system, and support e-commerce

	FY 2007 Actual	FY 2008 Actual	FY 2009 Actual	FY 2010 Actual	FY 2011 Estimate	FY 2012 Base	Increase/Decrease	FY 2012 Request
Salaries & expenses	$28,147	$25,967	$27,096	$30,145	$34,527	$55,691	$13,770	$69,461
Domestic and international policies	3,203	2,987	3,211	3,578	4,024	4,133	699	4,832
Spectrum management	24,281	22,296	23,178	25,826	29,750	30,694	882	31,576
Telecommunication sciences research	663	683	708	741	753	760	(17)	744
Broadband Programs	0	0	0	0	19,874	20,104	12,206	32,310
Digital Television Transition and Public Safety Fund	1,070,272	942,432	593,842	54,059	93,829	2,386	0	2,386
Broadband Technology Opportunities Program (ARRA)	0	0	77,477	4,287,827	0	0	0	0
Grants	0	0	325	4,248,380	0	0	0	0
Program management	0	0	77,152	39,447	0	0	0	0
Digital To Analog Converter Box Program (ARRA)	0	0	418,341	1,258	0	0	0	0
Public Telecommunications Facilities, Planning, and Construction	24,148	21,020	20,943	22,914	20,000	20,000	(20,000)	0
Grants	22,450	19,067	19,005	21,182	18,000	18,000	(18,000)	0
Program management	1,698	1,953	1,938	1,732	2,000	2,000	(2,000)	0
Information Infrastructure Grants	397	323	205	101	0	0	0	0
Grants	0	0	0	0	0	0	0	0
Program management	397	323	205	101	0	0	0	0
Total funding	1,122,964	989,742	1,137,904	4,396,304	148,356	78,077	(6,230)	71,847
IT funding 1	700	700	700	700	3,200	3,200	0	3,200
FTE	137	141	144	179	198	198	(18)	180

Objective 11: Develop and influence international standards and policies to maximize the competitiveness of US industry.

	FY 2007 Actual	FY 2008 Actual	FY 2009 Actual	FY 2010 Actual	FY 2011 Estimate	FY 2012 Base	Increase/Decrease	FY 2012 Request
Salaries & expenses	$1,742	$1,615	$1,714	$1,910	$2,168	$2,230	$258	$2,488
Domestic and international policies	1,068	996	1,070	1,193	1,341	1,378	233	1,611
Spectrum management	674	619	644	717	826	853	25	877
Telecommunication sciences research	0	0	0	0	0	0	0	0
Total funding	1,742	1,615	1,714	1,910	2,168	2,230	258	2,488
IT funding 1	700	700	700	700	700	700	0	700
FTE	8	8	8	8	10	10	1	11

Objective 13: Enhance scientific knowledge and provide information to stakeholders to improve innovation and technology, support economic growth, and improve public safety.

	FY 2007 Actual	FY 2008 Actual	FY 2009 Actual	FY 2010 Actual	FY 2011 Estimate	FY 2012 Base	Increase/Decrease	FY 2012 Request
Salaries & expenses	$21,373	$21,032	$21,821	$23,412	$25,056	$25,527	$3	$25,530
Domestic and international policies	0	0	0	0	0	0	0	0
Spectrum management	8,768	8,051	8,370	9,326	10,743	11,084	319	11,402
Telecommunication sciences research	12,605	12,981	13,451	14,086	14,313	14,443	(315)	14,127
Public Safety Broadband Network	0	0	0	0	0	0	1,400,000	1,400,000
Program support	0	0	0	0	0	0	1,330,000	1,330,000
Program management	0	0	0	0	0	0	70,000	70,000
Total funding	21,373	21,032	21,821	23,412	25,056	25,527	1,400,003	1,425,530
IT funding 1	700	700	700	700	700	700	0	700
FTE	107	113	110	111	123	123	51	174

Grand total

	FY 2007 Actual	FY 2008 Actual	FY 2009 Actual	FY 2010 Actual	FY 2011 Estimate	FY 2012 Base	Increase/Decrease	FY 2012 Request
Salaries & expenses	$51,262	$48,614	$50,631	$55,467	$61,751	$63,344	$14,031	$97,479
Domestic and international policies	4,270	3,983	4,281	4,770	5,365	5,511	932	6,443
Spectrum management	33,724	30,967	32,191	35,870	41,320	42,630	1,225	43,855
Telecommunication sciences research	13,268	13,664	14,159	14,827	15,066	15,203	(332)	14,871
Broadband Programs	0	0	0	0	19,874	20,104	12,206	32,310
Digital Television Transition and Public Safety Fund	1,070,272	942,432	593,842	54,059	93,829	2,386	0	2,386
Broadband Technology Opportunities Program (ARRA)	0	0	77,477	4,287,827	0	0	0	0
Grants	0	0	325	4,248,380	0	0	0	0
Program management	0	0	77,152	39,447	0	0	0	0
Digital To Analog Converter Box Program (ARRA)	0	0	418,341	1,258	0	0	0	0
Public Telecommunications Facilities, Planning, and Construction	24,148	21,020	20,943	22,914	20,000	0	(20,000)	0
Grants	22,450	19,067	19,005	21,182	18,000	0	(18,000)	0
Program management	1,698	1,953	1,938	1,732	2,000	0	(2,000)	0
Information Infrastructure Grants	397	323	205	101	0	0	0	0
Grants	0	0	0	0	0	0	0	0
Program management	0	0	0	0	0	0	0	0
Public Safety Broadband Network	0	0	0	0	0	0	1,400,000	1,400,000
Program support	0	0	0	0	0	0	1,330,000	1,330,000
Program management	0	0	0	0	0	0	70,000	70,000
Total funding	1,146,079	1,012,389	1,161,439	4,421,626	175,580	65,730	(5,969)	1,499,865
Direct	1,113,132	979,965	1,128,656	4,385,855	158,649	23,666	(5,557)	58,213
Reimbursable 2	32,947	32,424	32,783	35,771	16,931	42,064	(412)	41,652
Mandatory	0	0	0	0	0	0	1,400,000	1,400,000
IT funding 1	1,400	1,400	1,400	1,400	4,600	4,600	0	4,600
FTE	262	262	262	298	331	328	(6)	362

Exhibit 5

Department of Commerce
National Telecommunications and Information Administration
Salaries and Expenses
SUMMARY OF RESOURCE REQUIREMENTS
(Dollar amounts in thousands)

	Positions	FTE	Budget Authority	Direct Obligations
Annualized 2011 CR level*				
Salaries and Expenses Request	157	156	40,649	42,913
plus: 2011 transfer in from DOC Census			1,999	1,999
less: Obligations from prior years	0	0	0	(2,264)
plus: 2012 adjustments to base	0	1	(1,264)	(1,264)
2012 Base	157	157	41,384	41,384
Administrative Savings (actual reductions)	0	0	(353)	(353)
plus: 2012 program changes	4	0	14,796	14,796
2012 Estimate	161	157	55,827	55,827

Comparison by activity/subactivity		2010 Actual		Annualized 2011* CR Level		2012 Base		2012 Estimate		2012 Increase/ (Decrease)	
		Personnel	Amount	Personnel	Amount	Personnel	Amount	Personnel	Amount	Personnel	Amount
Domestic and international policies	Pos/BA	26	$5,107	26	$5,365	26	$5,511	33	$6,443	7	932
	FTE/Obl.	21	4,770	26	6,497	26	5,511	31	6,443	5	
Spectrum management..	Pos/BA	32	7,752	32	8,144	32	8,366	32	8,263	0	(103)
	FTE/Obl.	28	7,762	32	8,932	32	8,366	32	8,263	0	
Wireless Broadband Access (500 Mhz)......	Pos/BA	0	0	0	0	0	0	7	1,740	7	1,740
	FTE/Obl.	0	0	0	0	0	0	5	1,740	5	
Telecommunication sciences research...................	Pos/BA	45	7,140	49	7,266	49	7,403	49	7,071	0	(332)
	FTE/Obl.	46	7,164	48	7,610	49	7,403	49	7,071	0	
Broadband Programs……………………………....	Pos/BA	0	0	50	21,873	50	20,104	40	32,310	(10)	12,206
	FTE/Obl.	0	0	50	21,873	50	20,104	40	32,310	(10)	
TOTALS...	Pos/BA	103	19,999	157	42,648	157	41,384	161	55,827	4	14,443
	FTE/Obl.	95	19,696	156	44,912	157	41,384	157	55,827	0	
Adjustments to Obligations:											
Recoveries/Refunds................................			(286)		0		0		0		0
Unobligated Balance, start of year...........................			(1,675)		(2,264)		0		0		0
Unobligated Balance, end of year...........................			2,264		0		0		0		0
Unobligated Balance expiring...................................			0		0		0		0		0
Financing from transfers:											
Transfer from DOC Census (-)................................			0		(1,999)		0		0		0
Transfer to other accounts (+)................................			0		0		0		0		0
Appropriation..			19,999		40,649		41,384		55,827		14,443

* In FY 2011, $23,700k was proposed for Broadband Technology Opportunity Program--Administrative Expenses; however, due to a policy change,
   Broadband Programs is a separate line item in the Salaries and Expenses appropriation.