



Government of India

R F D

(Results-Framework Document)
for

Department of Telecommunications
(2013-2014)

Section 1: Vision, Mission, Objectives and Functions

Vision

To provide secure, reliable, affordable and high quality covered telecommunication services anytime, anywhere for an accelerated inclusive socio-economic development

Mission

1. To develop a robust and secure state-of-the-art telecommunication network providing seamless coverage with special focus on rural and remote areas for bridging the digital divide and thereby facilitate socio-economic development.
2. To create an inclusive knowledge society through proliferation of affordable and high quality broadband services across the nation.
3. To reposition the mobile device as an instrument of socio-economic empowerment of citizens.
4. To make India a global hub for telecom equipment manufacturing and a centre for converged communication services.
5. To promote Research and Development, Design in cutting edge ICTE technologies, products and services for meeting the infrastructure needs of domestic and global markets with focus on security and green technologies.
6. To promote development of new standards to meet national requirements, generation of IPRs and participation in international standardization bodies to contribute in formation of global standards, thereby making India a leading nation in the area of telecom standardization.
7. To attract investment, both domestic and foreign.
8. To promote creation of jobs through all of the above

Objectives

- 1 Rapid Expansion of Telecom Infrastructure for Voice, data & Broadband with Special emphasis on rural areas
- 2 Promotion of indigenous R&D; and Manufacturing
- 3 Skill development in Telecom Sector
- 4 Adequate Telecom Network Security
- 5 Strengthening of PSUs/Autonomous Organisations
- 6 Formulation of Policy on Licensing Framework and Spectrum Management
- 7 Infrastructure Development and promotion of Green Telecom
- 8 Empowerment of consumers of Telecom Services
- 9 Streamlining of Spectrum Allocation
- 10 Implementation of IPv6

Functions

Section 1: Vision, Mission, Objectives and Functions

- 1 Policy, Licensing and coordination matters relating to Telegraphs, Telephones, Wireless, Data , Fascimile, Telematic services and other like forms of communications
- 2 International cooperation in matters connected with telecommunications including matters relating to all international bodies dealing with telecommunications such as International Telecommunication Union (ITU), its Radio Regulation Board (RRB), Radio Communication Sector (ITU-R), Telecommunication Standardization Sector (ITU-T), Development Sector (ITU-D), International Telecommunication Satellite Organization (INTELSAT), International Mobile Satellite Organization (INMARSAT), Asia Pacific Telecommunication (APT).
- 3 Promotion of standardization, research and development in telecommunications
- 4 Promotion of private investment in telecommunications
- 5 Financial assistance for the furtherance of research and study in telecommunications technology and for building up adequately trained manpower for telecom program programme, including- (a) assistance to institutions, assistance to scientific institutions and to universities for advanced scientific study and research; and (b) grant of scholarships to students in educational institutions and other forms of financial aid to individuals including those going abroad for studies in the field of telecommunications.
- 6 Procurement of stores and equipment required by the Department of Telecommunications.
- 7 Telecom Commission.
- 8 Telecom Regulatory Authority of India.
- 9 Telecom Disputes Settlement and Appellate Tribunal.
- 10 Administration of laws with respect to any of the matters specified in this list, namely:- (a) The Indian Telegraph Act, 1885 (13 of 1885); (b) The Indian Wireless Telegraphy Act, 1933 (17 of 1933); and (c) The Telecom Regulatory Authority of India Act, 1997 (24 of 1997).
- 11 Indian Telephone Industries Limited.
- 12 Post disinvestment matters relating to M/s Hindustan Teleprinters Limited.
- 13 Bharat Sanchar Nigam Limited.
- 14 Mahanagar Telephone Nigam Limited
- 15 Videsh Sanchar Nigam Limited and Telecommunications Consultants (India) Limited.
- 16 All matters relating to Centre for Development of Telematics (C-DOT).
- 17 Residual work relating to the erstwhile Department of Telecom Services and Department of Telecom Operations, including matters relating to- (a) cadre control functions of Group 'A' and other categories of personnel till their absorption in Bharat Sanchar Nigam Limited; (b) administration and payment of terminal benefits.
- 18 Execution of works, purchase and acquisition of land debitable to the capital Budget pertaining to telecommunications.

Section 2:

Inter se Priorities among Key Objectives, Success indicators and Targets

| Objective | Weight | Action | Success Indicator | Unit | Weight | Target / Criteria Value | | | | |
|--|--------|--|---|------------------|--------|-------------------------|------------|------------|------------|------------|
| | | | | | | Excellent | Very Good | Good | Fair | Poor |
| | | | | | | 100% | 90% | 80% | 70% | 60% |
| [1] Rapid Expansion of Telecom Infrastructure for Voice, data & Broadband with Special emphasis on rural areas | 20.00 | [1.1] Facilitating increase in rural teledensity | [1.1.1] Increased rural teledensity | % | 3.00 | 46 | 45 | 44 | 43 | 42 |
| | | | [1.1.2] Receipt of C-DOT project report for providing mobile connectivity to 57000 villages | Date | 1.00 | 30/06/2013 | 31/07/2013 | 31/08/2013 | 30/09/2013 | 31/10/2013 |
| | | | [1.1.3] Obtaining Cabinet approval for investment from USO Fund for providing mobile connectivity to the 57000 villages | Date | 1.00 | 13/12/2013 | 14/01/2014 | 14/02/2014 | 15/03/2014 | 31/03/2014 |
| | | [1.2] Improving Broadband connectivity in Rural and Remote areas | [1.2.1] Provision of Wireline Broadband connections of USOF funded schemes | Nos | 2.00 | 225000 | 200000 | 175000 | 150000 | 125000 |
| | | [1.3] Facilitating the establishment of National Optic Fibre Network (NOFN) up to Village Panchayats | [1.3.1] Award of work in Districts for laying Optical Fibre Cable | Nos of Districts | 2.00 | 600 | 575 | 550 | 525 | 500 |
| | | | [1.3.2] Number of Kms of Optical Fibre Cable (OFC) laid | Kms | 3.00 | 200000 | 180000 | 160000 | 140000 | 120000 |
| | | | [1.3.3] Number of Gram Panchayats covered | Nos | 3.00 | 100000 | 90000 | 80000 | 70000 | 60000 |

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| Objective | Weight | Action | Success Indicator | Unit | Weight | Target / Criteria Value | | | | |
|---|--------|--|--|------|--------|-------------------------|------------|------------|------------|------------|
| | | | | | | Excellent | Very Good | Good | Fair | Poor |
| | | | | | | 100% | 90% | 80% | 70% | 60% |
| | | [1.4] Improving connectivity in remote areas in North-East and rest of the country | [1.4.1] Providing VPT in North East Region (Total Villages-2590) | % | 1.00 | 100 | 99 | 98 | 97 | 96 |
| | | | [1.4.2] Providing VPT in rest of the country (Total Villages-9401) | % | 1.00 | 100 | 90 | 80 | 70 | 60 |
| | | [1.5] Provision of 175 million broadband connections in 12th Plan | [1.5.1] Finalization of a broad framework for broadband connectivity | Date | 3.00 | 31/01/2014 | 28/02/2014 | 10/03/2014 | 20/03/2014 | 31/03/2014 |
| [2] Promotion of indigenous R&D and Manufacturing | 9.00 | [2.1] Implementation of policy for Indigenous Manufacturing of Telecom Equipment | [2.1.1] Issue of PMA Guidelines for security sensitive Telecom Equipments | Date | 2.00 | 31/12/2013 | 31/01/2014 | 28/02/2014 | 15/03/2014 | 31/03/2014 |
| | | | [2.1.2] Creation of fund for promoting R&D and Manufacturing | Date | 2.00 | 31/12/2013 | 31/01/2014 | 28/02/2014 | 15/03/2014 | 31/03/2014 |
| | | | [2.1.3] Setting up of Telecommunication Standard Development Organisation (TSDO) | Date | 2.00 | 31/12/2013 | 31/01/2014 | 28/02/2014 | 15/03/2014 | 31/03/2014 |
| | | [2.2] Introduction of Indian Standard for Telecom Equipment | [2.2.1] Approval of Standards | No. | 2.00 | 10 | 9 | 8 | 7 | 6 |
| | | [2.3] Organisation of India Telecom 2013 | [2.3.1] On time completion | Date | 0.50 | 31/12/2013 | -- | -- | -- | -- |
| | | | [2.3.2] Independent impact assesment | Date | 0.50 | 14/01/2014 | 14/02/2014 | 10/03/2014 | 20/03/2014 | 31/03/2014 |

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| Objective | Weight | Action | Success Indicator | Unit | Weight | Target / Criteria Value | | | | |
|---|--------|--|--|------|--------|-------------------------|------------|------------|------------|------------|
| | | | | | | Excellent | Very Good | Good | Fair | Poor |
| | | | | | | 100% | 90% | 80% | 70% | 60% |
| [3] Skill development in Telecom Sector | 3.00 | [3.1] Formation of advisory Groups on Capacity Building & 'Content, Quality & Examination Framework' | [3.1.1] On time set up | Date | 1.00 | 30/06/2013 | 30/09/2013 | 31/10/2013 | 30/11/2013 | 31/12/2013 |
| | | [3.2] Commissioning of Skill gap Study for the Telecom Sector | [3.2.1] On time Commissioning of Study | Date | 1.00 | 30/09/2013 | 31/12/2013 | 31/01/2014 | 28/02/2014 | 31/03/2014 |
| | | [3.3] Finalisation of technical set-up required for telecom domain Knowledge Repository | [3.3.1] On time finalisation of proposal | Date | 1.00 | 31/12/2013 | 31/01/2014 | 28/02/2014 | 15/03/2014 | 31/03/2014 |
| [4] Adequate Telecom Network Security | 7.00 | [4.1] Issue comprehensive Network Security Policy | [4.1.1] On time issue | Date | 2.00 | 31/12/2013 | 31/01/2014 | 28/02/2014 | 15/03/2014 | 31/03/2014 |
| | | [4.2] Subscriber verification | [4.2.1] Number of subscribers verified on PIA basis | % | 1.00 | 0.1 | 0.095 | 0.085 | 0.075 | 0.060 |
| | | [4.3] Electromagnetic radiation verification | [4.3.1] Verification of BTSs with respect to prescribed radiation norms | Nos | 2.00 | 30000 | 28500 | 25500 | 22500 | 21000 |
| | | [4.4] Amendment of Rules 419A and 419B in the Indian Telegraph Rules for lawful interception and collecting, storing and analyzing message related information | [4.4.1] Publication of the Indian Telegraph (Amendment) Rules in the Gazette of India | Date | 1.00 | 31/12/2013 | 31/01/2014 | 28/02/2014 | 15/03/2014 | 31/03/2014 |
| | | [4.5] Introduction of Rules 528-538 in the Indian Telegraph Rules for mandatory Testing of Telecom equipment for | [4.5.1] Publication of the Indian Telegraph (Amendment) Rules in the Gazette of India | Date | 1.00 | 31/12/2013 | 31/01/2014 | 28/02/2014 | 15/03/2014 | 31/03/2014 |

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| Objective | Weight | Action | Success Indicator | Unit | Weight | Target / Criteria Value | | | | |
|--|--------|---|--|------|--------|-------------------------|------------|------------|------------|------------|
| | | | | | | Excellent | Very Good | Good | Fair | Poor |
| | | | | | | 100% | 90% | 80% | 70% | 60% |
| | | use in Indian Telecom Network by Licensee | | | | | | | | |
| [5] Strengthening of PSUs/Autonomous Organisations | 8.00 | [5.1] Extension of Reservation Quota for ITI Limited | [5.1.1] Submission to CCEA | Date | 2.00 | 30/09/2013 | 31/12/2013 | 31/01/2014 | 28/02/2014 | 31/03/2014 |
| | | [5.2] Revival Plan for ITI Limited | [5.2.1] Submission to Cabinet | Date | 2.00 | 30/09/2013 | 31/12/2013 | 31/01/2014 | 28/02/2014 | 31/03/2014 |
| | | [5.3] Financial assistance to BSNL & MTNL for excess Spectrum in 2G | [5.3.1] Proposal to Cabinet | Date | 2.00 | 31/05/2013 | 30/06/2013 | 31/07/2013 | 31/08/2013 | 30/09/2013 |
| | | [5.4] Consent to BSNL & MTNL for surrender of BWA spectrum and refund thereof | [5.4.1] Submission of proposal to Cabinet | Date | 1.00 | 30/11/2013 | 31/12/2013 | 31/01/2014 | 28/02/2014 | 31/03/2014 |
| | | [5.5] Creation of common pension fund in the form of trust for all catagories of absorbed employees in MTNL | [5.5.1] Approval by Government | Date | 1.00 | 30/06/2013 | 31/07/2013 | 31/08/2013 | 30/09/2013 | 31/10/2013 |
| [6] Formulation of Policy on Licensing Framework and Spectrum Management | 12.00 | [6.1] Formulation and approval of Policy on Spectrum assignment and pricing | [6.1.1] On time approval | Date | 5.00 | 30/06/2013 | 30/09/2013 | 31/12/2013 | 28/02/2014 | 31/03/2014 |
| | | [6.2] Finalisation and approval of 2nd phase of Unified Licensing Regime | [6.2.1] On time reference to TRAI | Date | 1.50 | 30/04/2013 | 31/05/2013 | 30/06/2013 | 15/07/2013 | 31/07/2013 |
| | | | [6.2.2] issue of guidelines for the regime | Date | 1.50 | 15/01/2014 | 31/01/2014 | 28/02/2014 | 15/03/2014 | 31/03/2014 |
| | | [6.3] Finalisation and approval of M&A Guidelines in respect of Telecom Licences | [6.3.1] On time approval | Date | 2.00 | 30/06/2013 | 31/07/2013 | 15/08/2013 | 31/08/2013 | 15/09/2013 |

Section 2: Inter se Priorities among Key Objectives, Success indicators and Targets

| Objective | Weight | Action | Success Indicator | Unit | Weight | Target / Criteria Value | | | | |
|---|--------|--|--|------|--------|-------------------------|------------|------------|------------|------------|
| | | | | | | Excellent | Very Good | Good | Fair | Poor |
| | | | | | | 100% | 90% | 80% | 70% | 60% |
| | | [6.4] Finalisation of Guidelines for Spectrum Sharing | [6.4.1] on time approval | Date | 2.00 | 30/06/2013 | 31/07/2013 | 15/08/2013 | 31/08/2013 | 15/09/2013 |
| [7] Infrastructure Development and promotion of Green Telecom | 4.00 | [7.1] Creation of Telecom Finance Corporation | [7.1.1] Submission to and decision on proposal by Telecom Commission. Preparation and submission of Cabinet Note | Date | 2.00 | 31/12/2013 | 31/01/2014 | 28/02/2014 | 15/03/2014 | 31/03/2014 |
| | | [7.2] Formulation of sector specific schemes and targets for promotion of green technologies in consultation with Ministry of New and Renewable Energy (MNRE) and other stakeholders | [7.2.1] Submission to and decision on proposal by Telecom Commission | Date | 2.00 | 31/12/2013 | 15/01/2014 | 31/01/2014 | 28/02/2014 | 31/03/2014 |
| [8] Empowerment of consumers of Telecom Services | 6.00 | [8.1] To make mandatory provisions for web based disclosure of wireless coverage by Telecom Service Providers | [8.1.1] On time notification | Date | 1.00 | 31/12/2013 | 31/01/2014 | 15/02/2014 | 28/02/2014 | 31/03/2014 |
| | | [8.2] Introduction of Inter-circle Mobile Number Portability | [8.2.1] On time notification | Date | 3.00 | 31/01/2014 | 15/02/2014 | 28/02/2014 | 15/03/2014 | 31/03/2014 |
| | | [8.3] Amendment of TRAI Act | [8.3.1] Circulation of Draft Cabinet Note for Inter Ministerial Consultation | Date | 2.00 | 31/12/2013 | 31/01/2014 | 28/02/2014 | 15/03/2014 | 31/03/2014 |
| [9] Streamlining of Spectrum Allocation | 11.00 | [9.1] Notification of Defence Band | [9.1.1] On time notification | Date | 2.00 | 31/12/2013 | 31/01/2014 | 28/02/2014 | 15/03/2014 | 31/03/2014 |

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| Objective | Weight | Action | Success Indicator | Unit | Weight | Target / Criteria Value | | | | |
|-----------------------------|--------|--|--|------|--------|-------------------------|------------|------------|------------|------------|
| | | | | | | Excellent | Very Good | Good | Fair | Poor |
| | | | | | | 100% | 90% | 80% | 70% | 60% |
| | | [9.2] Conducting Auction of Spectrum after receipt of Government approval | [9.2.1] Issue of Auction guidelines based on Government approval | Date | 1.00 | 25/04/2013 | 02/05/2013 | 09/05/2013 | 16/05/2013 | 23/05/2013 |
| | | | [9.2.2] Finalisation and issue of Notice Inviting Application (NIA). | Date | 1.00 | 20/05/2013 | 27/05/2013 | 03/06/2013 | 10/06/2013 | 17/06/2013 |
| | | | [9.2.3] start of Auction | Date | 1.00 | 08/07/2013 | 15/07/2013 | 22/07/2013 | 29/07/2013 | 05/08/2013 |
| | | | [9.2.4] Receipt of Upfront Payments | Date | 1.00 | 01/08/2013 | 08/08/2013 | 15/08/2013 | 22/08/2013 | 29/08/2013 |
| | | [9.3] Review Standing Advisory Committee on Frequency Allocation (SACFA) clearance process | [9.3.1] Completion of review | Date | 1.00 | 31/12/2013 | 31/01/2014 | 28/02/2014 | 15/03/2014 | 31/03/2014 |
| | | [9.4] Prepare Roadmap for availability of additional Spectrum | [9.4.1] Preparation of Roadmap | Date | 3.00 | 31/12/2013 | 31/01/2014 | 28/02/2014 | 15/03/2014 | 31/03/2014 |
| | | [9.5] Identification of frequency bands for delicensing | [9.5.1] On time approval | Date | 1.00 | 30/06/2013 | 30/09/2013 | 31/12/2013 | 28/02/2014 | 31/03/2014 |
| | | | | | | | | | | |
| [10] Implementation of IPv6 | 5.00 | [10.1] IPv6 workshops for the benefit of stakeholders | [10.1.1] Successful conduct of 20 workshops | Date | 1.00 | 31/01/2014 | 28/02/2014 | 10/03/2014 | 25/03/2014 | 31/03/2014 |
| | | [10.2] Compendium on IPv6 based solutions/architecture/case studies for different industry verticals | [10.2.1] Approval of Compendium & publication | Date | 1.00 | 28/02/2014 | 10/03/2014 | 20/03/2014 | 25/03/2014 | 31/03/2014 |
| | | [10.3] Centre of Innovation for IPv6 | [10.3.1] Approval of Centre of | Date | 1.00 | 28/02/2014 | 10/03/2014 | 20/03/2014 | 25/03/2014 | 31/03/2014 |

Section 2: Inter se Priorities among Key Objectives, Success indicators and Targets

| Objective | Weight | Action | Success Indicator | Unit | Weight | Target / Criteria Value | | | | |
|--|--------|---|---|------|--------|-------------------------|------------|------------|------------|------------|
| | | | | | | Excellent | Very Good | Good | Fair | Poor |
| | | | | | | 100% | 90% | 80% | 70% | 60% |
| | | | Innovation | | | | | | | |
| | | [10.4] Certified course on IPv6 for all stakeholders in PPP mode | [10.4.1] Empanelment of training Organisations to provide IPv6 Certified training | Date | 1.00 | 31/01/2014 | 28/02/2014 | 20/03/2014 | 25/03/2014 | 31/03/2014 |
| | | [10.5] Cloud Policy for Telecom Sector | [10.5.1] Submission of the proposal to the Telecom Commission | Date | 1.00 | 28/02/2014 | 10/03/2014 | 20/03/2014 | 25/03/2014 | 31/03/2014 |
| * Efficient Functioning of the RFD System | 3.00 | Timely submission of Draft RFD 2014-15 for Approval | On-time submission | Date | 2.0 | 05/03/2014 | 06/03/2014 | 07/03/2014 | 08/03/2014 | 11/03/2014 |
| | | Timely submission of Results for 2012-13 | On-time submission | Date | 1.0 | 01/05/2013 | 02/05/2013 | 03/05/2013 | 06/05/2013 | 07/05/2013 |
| * Improving Internal Efficiency/Responsiveness/ Transparency/Service delivery of Ministry/Department | 6.00 | Independent Audit of implementation of Citizens'/Clients' Charter (CCC) | % of implementation | % | 2.0 | 100 | 95 | 90 | 85 | 80 |
| | | Independent Audit of implementation of Public Grievance Redressal System | % of implementation | % | 2.0 | 100 | 95 | 90 | 85 | 90 |
| | | Update departmental strategy to align with 12th Plan priorities | Timely updation of the strategy | Date | 2.0 | 10/09/2013 | 17/09/2013 | 24/09/2013 | 01/10/2013 | 08/10/2013 |
| * Administrative Reforms | 6.00 | Implement mitigating strategies for reducing potential risk of corruption | % of implementation | % | 1.0 | 100 | 95 | 90 | 85 | 80 |
| | | Implement ISO 9001 as per the approved action plan | % of implementation | % | 2.0 | 100 | 95 | 90 | 85 | 80 |

* Mandatory Objective(s)

Section 2: Inter se Priorities among Key Objectives, Success indicators and Targets

| Objective | Weight | Action | Success Indicator | Unit | Weight | Target / Criteria Value | | | | |
|-----------|--------|--|--------------------------|------|--------|-------------------------|------------|------------|------------|------------|
| | | | | | | Excellent | Very Good | Good | Fair | Poor |
| | | | | | | 100% | 90% | 80% | 70% | 60% |
| | | Implement Innovation Action Plan (IAP) | % of milestones achieved | % | 2.0 | 100 | 95 | 90 | 85 | 80 |
| | | Identification of core and non-core activities of the Ministry/Department as per 2nd ARC recommendations | Timely submission | Date | 1.0 | 01/10/2013 | 15/10/2013 | 30/10/2013 | 10/11/2013 | 20/11/2013 |

* Mandatory Objective(s)

Section 3: Trend Values of the Success Indicators

| Objective | Action | Success Indicator | Unit | Actual Value for FY 11/12 | Actual Value for FY 12/13 | Target Value for FY 13/14 | Projected Value for FY 14/15 | Projected Value for FY 15/16 |
|--|--|---|------------------|---------------------------|---------------------------|---------------------------|------------------------------|------------------------------|
| [1] Rapid Expansion of Telecom Infrastructure for Voice, data & Broadband with Special emphasis on rural areas | [1.1] Facilitating increase in rural teledensity | [1.1.1] Increased rural teledensity | % | 38 | 41 | 45 | 50 | 55 |
| | | [1.1.2] Receipt of C-DOT project report for providing mobile connectivity to 57000 villages | Date | -- | -- | 31/07/2013 | -- | -- |
| | | [1.1.3] Obtaining Cabinet approval for investment from USO Fund for providing mobile connectivity to the 57000 villages | Date | -- | -- | 14/01/2014 | -- | -- |
| | [1.2] Improving Broadband connectivity in Rural and Remote areas | [1.2.1] Provision of Wireline Broadband connections of USOF funded schemes | Nos | 93037 | 110000 | 200000 | 220000 | -- |
| | [1.3] Facilitating the establishment of National Optic Fibre Network (NOFN) up to Village Panchayats | [1.3.1] Award of work in Districts for laying Optical Fibre Cable | Nos of Districts | -- | -- | 575 | -- | -- |
| | | [1.3.2] Number of Kms of Optical Fibre Cable (OFC) laid | Kms | -- | 166 | 180000 | 320000 | -- |
| | | [1.3.3] Number of Gram Panchayats covered | Nos | -- | 58 | 90000 | 160000 | -- |
| | [1.4] Improving connectivity in remote areas in | [1.4.1] Providing VPT in North East Region (Total Villages- | % | 93.08 | 95 | 99 | -- | -- |

Section 3: Trend Values of the Success Indicators

| Objective | Action | Success Indicator | Unit | Actual Value for FY 11/12 | Actual Value for FY 12/13 | Target Value for FY 13/14 | Projected Value for FY 14/15 | Projected Value for FY 15/16 |
|---|--|--|------|---------------------------|---------------------------|---------------------------|------------------------------|------------------------------|
| | North-East and rest of the country | 2590) | | | | | | |
| | | [1.4.2] Providing VPT in rest of the country (Total Villages-9401) | % | -- | -- | 90 | -- | -- |
| | [1.5] Provision of 175 million broadband connections in 12th Plan | [1.5.1] Finalization of a broad framework for broadband connectivity | Date | -- | -- | 28/02/2014 | -- | -- |
| [2] Promotion of indigenous R&D and Manufacturing | [2.1] Implementation of policy for Indigenous Manufacturing of Telecom Equipment | [2.1.1] Issue of PMA Guidelines for security sensitive Telecom Equipments | Date | -- | -- | 31/01/2014 | -- | -- |
| | | [2.1.2] Creation of fund for promoting R&D and Manufacturing | Date | -- | -- | 31/01/2014 | -- | -- |
| | | [2.1.3] Setting up of Telecommunication Standard Development Organisation (TSDO) | Date | -- | -- | 31/01/2014 | -- | -- |
| | [2.2] Introduction of Indian Standard for Telecom Equipment | [2.2.1] Approval of Standards | No. | -- | 8 | 9 | 10 | 10 |
| | [2.3] Organisation of India Telecom 2013 | [2.3.1] On time completion | Date | -- | -- | -- | -- | -- |
| | | [2.3.2] Independent impact assesment | Date | -- | -- | 14/02/2014 | -- | -- |
| [3] Skill development in Telecom Sector | [3.1] Formation of advisory Groups on Capacity | [3.1.1] On time set up | Date | -- | -- | 30/09/2013 | -- | -- |

Section 3: Trend Values of the Success Indicators

| Objective | Action | Success Indicator | Unit | Actual Value for FY 11/12 | Actual Value for FY 12/13 | Target Value for FY 13/14 | Projected Value for FY 14/15 | Projected Value for FY 15/16 |
|---------------------------------------|--|--|------|---------------------------|---------------------------|---------------------------|------------------------------|------------------------------|
| | Building & 'Content, Quality & Examination Framework' | | | | | | | |
| | [3.2] Commissioning of Skill gap Study for the Telecom Sector | [3.2.1] On time Commissioning of Study | Date | -- | -- | 31/12/2013 | -- | -- |
| | [3.3] Finalisation of technical set-up required for telecom domain Knowledge Repository | [3.3.1] On time finalisation of proposal | Date | -- | -- | 31/01/2014 | -- | -- |
| [4] Adequate Telecom Network Security | [4.1] Issue comprehensive Network Security Policy | [4.1.1] On time issue | Date | -- | -- | 31/01/2014 | -- | -- |
| | [4.2] Subscriber verification | [4.2.1] Number of subscribers verified on PIA basis | % | -- | -- | 0.095 | -- | -- |
| | [4.3] Electromagnetic radiation verification | [4.3.1] Verification of BTSs with respect to prescribed radiation norms | Nos | -- | -- | 28500 | -- | -- |
| | [4.4] Amendment of Rules 419A and 419B in the Indian Telegraph Rules for lawful interception and collecting, storing and analyzing message related information | [4.4.1] Publication of the Indian Telegraph (Amendment) Rules in the Gazette of India | Date | -- | -- | 31/01/2014 | -- | -- |
| | [4.5] Introduction of Rules 528-538 in the | [4.5.1] Publication of the Indian Telegraph | Date | -- | -- | 31/01/2014 | -- | -- |

Section 3: Trend Values of the Success Indicators

| Objective | Action | Success Indicator | Unit | Actual Value for FY 11/12 | Actual Value for FY 12/13 | Target Value for FY 13/14 | Projected Value for FY 14/15 | Projected Value for FY 15/16 |
|--|---|--|------|---------------------------|---------------------------|---------------------------|------------------------------|------------------------------|
| | Indian Telegraph Rules for mandatory Testing of Telecom equipment for use in Indian Telecom Network by Licensee | (Amendment) Rules in the Gazette of India | | | | | | |
| [5] Strengthening of PSUs/Autonomous Organisations | [5.1] Extension of Reservation Quota for ITI Limited | [5.1.1] Submission to CCEA | Date | -- | -- | 31/12/2013 | -- | -- |
| | [5.2] Revival Plan for ITI Limited | [5.2.1] Submission to Cabinet | Date | -- | -- | 31/12/2013 | -- | -- |
| | [5.3] Financial assistance to BSNL & MTNL for excess Spectrum in 2G | [5.3.1] Proposal to Cabinet | Date | -- | -- | 30/06/2013 | -- | -- |
| | [5.4] Consent to BSNL & MTNL for surrender of BWA spectrum and refund thereof | [5.4.1] Submission of proposal to Cabinet | Date | -- | -- | 31/12/2013 | -- | -- |
| | [5.5] Creation of common pension fund in the form of trust for all catagories of absorbed employees in MTNL | [5.5.1] Approval by Government | Date | -- | -- | 31/01/2014 | -- | -- |
| [6] Formulation of Policy on Licensing Framework and Spectrum Management | [6.1] Formulation and approval of Policy on Spectrum assignment and pricing | [6.1.1] On time approval | Date | -- | -- | 30/09/2013 | -- | -- |
| | [6.2] Finalisation and approval of 2nd phase of Unified Licensing Regime | [6.2.1] On time reference to TRAI | Date | -- | -- | 31/05/2013 | -- | -- |

Section 3: Trend Values of the Success Indicators

| Objective | Action | Success Indicator | Unit | Actual Value for FY 11/12 | Actual Value for FY 12/13 | Target Value for FY 13/14 | Projected Value for FY 14/15 | Projected Value for FY 15/16 |
|---|--|--|------|---------------------------|---------------------------|---------------------------|------------------------------|------------------------------|
| | | [6.2.2] issue of guidelines for the regime | Date | -- | -- | 31/01/2014 | -- | -- |
| | [6.3] Finalisation and approval of M&A Guidelines in respect of Telecom Licences | [6.3.1] On time approval | Date | -- | -- | 31/07/2013 | -- | -- |
| | [6.4] Finalisation of Guidelines for Spectrum Sharing | [6.4.1] on time approval | Date | -- | -- | 31/07/2013 | -- | -- |
| [7] Infrastructure Development and promotion of Green Telecom | [7.1] Creation of Telecom Finance Corporation | [7.1.1] Submission to and decision on proposal by Telecom Commission. Preparation and submission of Cabinet Note | Date | -- | -- | 31/01/2014 | -- | -- |
| | [7.2] Formulation of sector specific schemes and targets for promotion of green technologies in consultation with Ministry of New and Renewable Energy (MNRE) and other stakeholders | [7.2.1] Submission to and decision on proposal by Telecom Commission | Date | -- | -- | 15/01/2014 | -- | -- |
| [8] Empowerment of consumers of Telecom Services | [8.1] To make mandatory provisions for web based disclosure of wireless coverage by Telecom Service Providers | [8.1.1] On time notification | Date | -- | -- | 31/01/2014 | -- | -- |
| | [8.2] Introduction of Inter-circle Mobile Number Portability | [8.2.1] On time notification | Date | -- | -- | 15/02/2014 | -- | -- |

Section 3: Trend Values of the Success Indicators

| Objective | Action | Success Indicator | Unit | Actual Value for FY 11/12 | Actual Value for FY 12/13 | Target Value for FY 13/14 | Projected Value for FY 14/15 | Projected Value for FY 15/16 |
|---|--|--|------|---------------------------|---------------------------|---------------------------|------------------------------|------------------------------|
| | [8.3] Amendment of TRAI Act | [8.3.1] Circulation of Draft Cabinet Note for Inter Ministerial Consultation | Date | -- | -- | 31/01/2014 | -- | -- |
| [9] Streamlining of Spectrum Allocation | [9.1] Notification of Defence Band | [9.1.1] On time notification | Date | -- | -- | 31/01/2014 | -- | -- |
| | [9.2] Conducting Auction of Spectrum after receipt of Government approval | [9.2.1] Issue of Auction guidelines based on Government approval | Date | -- | 03/07/2012 | 22/04/2013 | -- | -- |
| | | [9.2.2] Finalisation and issue of Notice Inviting Application (NIA). | Date | -- | 28/09/2012 | 07/05/2013 | -- | -- |
| | | [9.2.3] start of Auction | Date | -- | 11/03/2013 | 22/06/2013 | -- | -- |
| | | [9.2.4] Receipt of Upfront Payments | Date | -- | -- | 08/07/2013 | -- | -- |
| | [9.3] Review Standing Advisory Committee on Frequency Allocation (SACFA) clearance process | [9.3.1] Completion of review | Date | -- | -- | 31/01/2014 | -- | -- |
| | [9.4] Prepare Roadmap for availability of additional Spectrum | [9.4.1] Preparation of Roadmap | Date | -- | -- | 31/01/2014 | -- | -- |
| | [9.5] Identification of frequency bands for delicensing | [9.5.1] On time approval | Date | -- | -- | 30/09/2013 | -- | -- |
| [10] Implementation of IPv6 | [10.1] IPv6 workshops for the benefit of stakeholders | [10.1.1] Successful conduct of 20 workshops | Date | -- | -- | 28/02/2014 | -- | -- |

Section 3: Trend Values of the Success Indicators

| Objective | Action | Success Indicator | Unit | Actual Value for FY 11/12 | Actual Value for FY 12/13 | Target Value for FY 13/14 | Projected Value for FY 14/15 | Projected Value for FY 15/16 |
|--|--|---|------|---------------------------|---------------------------|---------------------------|------------------------------|------------------------------|
| | [10.2] Compendium on IPv6 based solutions/architecture/case studies for different industry verticals | [10.2.1] Approval of Compendium & publication | Date | -- | -- | 10/03/2014 | -- | -- |
| | [10.3] Centre of Innovation for IPv6 | [10.3.1] Approval of Centre of Innovation | Date | -- | -- | 10/03/2014 | -- | -- |
| | [10.4] Certified course on IPv6 for all stakeholders in PPP mode | [10.4.1] Empanelment of training Organisations to provide IPv6 Certified training | Date | -- | -- | 28/02/2014 | -- | -- |
| | [10.5] Cloud Policy for Telecom Sector | [10.5.1] Submission of the proposal to the Telecom Commission | Date | -- | -- | 10/03/2014 | -- | -- |
| * Efficient Functioning of the RFD System | Timely submission of Draft RFD 2014-15 for Approval | On-time submission | Date | -- | -- | 06/03/2014 | -- | -- |
| | Timely submission of Results for 2012-13 | On-time submission | Date | -- | -- | 02/05/2014 | -- | -- |
| * Improving Internal Efficiency/Responsiveness/ Transparency/Service delivery of Ministry/Department | Independent Audit of implementation of Citizens'/Clients' Charter (CCC) | % of implementation | % | -- | -- | 95 | -- | -- |
| | Independent Audit of implementation of Public Grievance Redressal System | % of implementation | % | -- | -- | 95 | -- | -- |

* Mandatory Objective(s)

Section 3: Trend Values of the Success Indicators

| Objective | Action | Success Indicator | Unit | Actual Value for FY 11/12 | Actual Value for FY 12/13 | Target Value for FY 13/14 | Projected Value for FY 14/15 | Projected Value for FY 15/16 |
|--------------------------|--|---------------------------------|------|---------------------------|---------------------------|---------------------------|------------------------------|------------------------------|
| | Update departmental strategy to align with 12th Plan priorities | Timely updation of the strategy | Date | -- | -- | 17/09/2013 | -- | -- |
| * Administrative Reforms | Implement mitigating strategies for reducing potential risk of corruption | % of implementation | % | -- | -- | 95 | -- | -- |
| | Implement ISO 9001 as per the approved action plan | % of implementation | % | -- | -- | 95 | -- | -- |
| | Implement Innovation Action Plan (IAP) | % of milestones achieved | % | -- | -- | 95 | -- | -- |
| | Identification of core and non-core activities of the Ministry/Department as per 2nd ARC recommendations | Timely submission | Date | -- | -- | 15/10/2013 | -- | -- |

* Mandatory Objective(s)

Section 4: Acronym

| Sl.No | Acronym | Description |
|-------|---------|--|
| 1 | BSNL | Bharat Sanchar Nigam Limited |
| 2 | BTS | Base Transceiver Station |
| 3 | BWA | Broadband Wireless Access |
| 4 | CCEA | Cabinet Committee on Economic Affairs |
| 5 | DeitY | Department of Electronics and Information Technology |
| 6 | Eoi | Expression of Interest |

Section 4: Acronym

| Sl.No | Acronym | Description |
|-------|---------|--------------------------------------|
| 7 | IPR | Intellectual Property Rights |
| 8 | IPv6 | Internet Protocol version 6 |
| 9 | ITI Ltd | Indian Telephone Industries Limited |
| 10 | M&A | Merger and Acquisition |
| 11 | MNRE | Ministry of New and Renewable Energy |
| 12 | MTNL | Mahanagar Telephone Nigam Limited |

Section 4: Acronym

| Sl.No | Acronym | Description |
|-------|---------|--------------------------------|
| 13 | NER | North Eastern Region |
| 14 | NIA | Notice Inviting Applications |
| 15 | NOFN | National Optical Fibre Network |
| 16 | OFC | Optical Fibre Cable |
| 17 | PIA | Photo Identity Address |
| 18 | PMA | Preferential Market Access |

Section 4: Acronym

| Sl.No | Acronym | Description |
|-------|---------|---|
| 19 | PPP | Public Private Partnership |
| 20 | R&D | Research and Development |
| 21 | SACFA | Standing Advisory Committee on Frequency Allocation |
| 22 | TRAI | Telecom Regulatory Authority of India |
| 23 | TSDO | Telecom Standard Development Organisation |

Section 4: Description and Definition of Success Indicators and Proposed Measurement Methodology

| Sl.No | Success indicator | Description | Definition | Measurement | General Comments |
|-------|---|---|--|---|--|
| 1 | [1.1.1] Increased rural teledensity | This success indicator is meant to monitor the penetration of various telecom services by Service Providers in rural & remote areas of the country and facilitating increase in rural tele-density. | Facilitating provisioning of telecom services in rural & remote areas and thereby facilitating increase in rural tele-density. | It is measured as number of Telephones per hundred inhabitants. | Financial support has been extended by USOF for provisioning of various telecom services (DELs, VPTs, mobile services, broadband services, OFC network etc) and many such schemes to be carried out by licensed/registered Service Providers through financial support from USO Fund are either under the implementation stage or under the planning stage & expected to be launched soon. |
| 2 | [1.1.2] Receipt of C-DOT project report for providing mobile connectivity to 57000 villages | This success indicator is meant to monitor that the works for providing mobile services in 57,000 uncovered villages of country with financial support from USOF is completed in timely manner. | a Scheme is being envisaged with financial support from USOF for provisioning of mobile services in 57, 000 uncovered villages of country. It is targeted that report for the scheme will be received from C-DOT(the technical consultant for the scheme) by July, 2013. | | A scheme is being envisaged to extend financial support for provisioning of mobile communication services in about 57,000 uncovered villages in country. USOF has signed an MOU with C-DOT on 1st November, 2012 for preparation of mobile network to be used for benchmarking of USOF subsidy. USOF will undertake further activities after submission of report by C-DOT. Benchmarking, financial approvals, tendering and award of work |

Section 4: Description and Definition of Success Indicators and Proposed Measurement Methodology

| Sl.No | Success indicator | Description | Definition | Measurement | General Comments |
|-------|---|---|--|-------------|--|
| 2 | [1.1.2] Receipt of C-DOT project report for providing mobile connectivity to 57000 villages | This success indicator is meant to monitor that the works for providing mobile services in 57,000 uncovered villages of country with financial support from USOF is completed in timely manner. | a Scheme is being envisaged with financial support from USOF for provisioning of mobile services in 57, 000 uncovered villages of country. It is targeted that report for the scheme will be received from C-DOT(the technical consultant for the scheme) by July, 2013. | | is expected to be completed by 28th Feb. 2014. |
| 3 | [1.1.3] Obtaining Cabinet approval for investment from USO Fund for providing mobile connectivity to the 57000 villages | This success indicator is meant to monitor that the works for providing mobile services in 57,000 uncovered villages of country with financial support from USOF is completed in timely manner. | A Scheme is being envisaged with financial support from USOF for provisioning of mobile services in 57, 000 uncovered villages of country. It is targeted that approval of the Cabinet for investment from USOF Fund for providing mobile connectivity in these uncovered will be obtained by January, 2014. | | A scheme is being envisaged to extend financial support for provisioning of mobile communication services in about 57,000 uncovered villages in country. USOF has signed an MOU with C-DOT on 1st November, 2012 for preparation of mobile network to be used for benchmarking of USOF subsidy. USOF will undertake further activities after submission of report by C-DOT on 1st November, 2012 for preparation of mobile network to be used for Benchmarking, of USOF subsidy. USOF will |

Section 4: Description and Definition of Success Indicators and Proposed Measurement Methodology

| Sl.No | Success indicator | Description | Definition | Measurement | General Comments |
|-------|---|---|--|---|--|
| 3 | [1.1.3] Obtaining Cabinet approval for investment from USO Fund for providing mobile connectivity to the 57000 villages | This success indicator is meant to monitor that the works for providing mobile services in 57,000 uncovered villages of country with financial support from USOF is completed in timely manner. | A Scheme is being envisaged with financial support from USOF for provisioning of mobile services in 57, 000 uncovered villages of country. It is targeted that approval of the Cabinet for investment from USOF Fund for providing mobile connectivity in these uncovered will be obtained by January, 2014. | | undertake further activities after submission of by C-DOT. Benchmarking, financial approval, tendering and award of work is expected to be completed by 28th Feb. 2014. |
| 4 | [1.2.1] Provision of Wireline Broadband connections of USOF funded schemes | This success indicator is meant to monitor that about 2,00,000 Wireline Broadband connections are provided in rural & remote areas of the country during the year under USOF funded scheme. | Facilitate provisioning of wireline broadband connections in rural and remote areas. | It is the numbers of Wireline Broadband connections provided under the USOF funded schemes. | For providing broadband connectivity to rural & remote areas, USOF has signed an Agreement with BSNL on January 20, 2009 under the Rural Wireline Broadband Scheme to provide wire-line broadband connectivity to rural & remote areas by leveraging the existing rural exchanges infrastructure and copper wirelines. |

Section 4: Description and Definition of Success Indicators and Proposed Measurement Methodology

| Sl.No | Success indicator | Description | Definition | Measurement | General Comments |
|-------|---|--|--|--|--|
| 5 | [1.3.1] Award of work in Districts for laying Optical Fibre Cable | This success indicator is meant to monitor the award of work for establishing National Optical Fibre Network (NOFN) in timely manner. It is targeted to award the work for laying the OFC under the project in 575 districts of the country during the financial year 2013-14. | Facilitating the establishment of National Optical Fibre Network (NOFN) up to Gram Panchayats. | The measurement is the number of districts awarded work for laying of Optical Fibre Cable during the year. | The project is being executed by a Special Purpose Vehicle (SPV) namely Bharat Broadband Network Limited (BBNL), which has been incorporated on 25.02.2012 under Indian Companies Act, 1956 |
| 6 | [1.3.2] Number of Kms of Optical Fibre Cable (OFC) laid | This success indicator is meant to monitor the award of work for establishing National Optical Fibre Network (NOFN) in timely manner. It is targeted that about 1.8 Lakh Kms. of OFC would be laid under the project during the financial year 2013-14. | Facilitating the establishment of National Optical Fibre Network (NOFN) to Gram Panchayats. | It is to be measured in number of Kms of Optical Fibre Cable laid. | National Optical Fibre Network (NOFN) project is planned to connect all the 2,50,000 Gram Panahcyats in the country through optical fibre utilizing existing fibers of PSUs viz. BSNL, Rail Tel and Power Grid and laying incrementatl fiber where necessary to bridge the connectivity gap between Gram Panchayats and blocks, for providing broandband connectivity. The project will be funded by USOF and initial estimated cost of project is Rs.20, 000 Crore in 2 years. Length of the incremental network is approx. 5 lakh Km. Dark Fiber network thus created. |

Section 4: Description and Definition of Success Indicators and Proposed Measurement Methodology

| Sl.No | Success indicator | Description | Definition | Measurement | General Comments |
|-------|---|---|--|--|--|
| 7 | [1.3.3] Number of Gram Panchayats covered | This success indicator is meant to monitor the award of work for establishing National Optical Fibre Network (NOFN) in timely manner. It is targeted that about 90,000 Gram Panchayats. | Facilitating the establishment of National Optical Fibre Network (NOFN) up to Gram Panchayats. | It is would be measured in the number of Gram Panchayats covered | National Optical Fibre Network (NOFN) project is palnned to connect all the 2,50,000 Gram Panchayats in the country through optical fibre utilizing existing fibers of PSUs viz. BSNL, RailTel and Power Grid and laying incremental fiber wherever necessary to bridge the connectivity gap between Gram Panchayats and Blocks, for providing broadband connectivity. The project will be funded by USOF and initial estimated cost of project is Rs.20,000 Corore in 2 years. Lenght of the incremental network is approx.5 lakh Km. Dark fiber netwrk thus created will be lit by appropriate technology to ensure a bandwidth of at least 100 Mbps at each Gram Panchayat. Non-discriminatory access to the network will be provided to all categories of service providers. These access providers/service providers like mobile operators, |

Section 4: Description and Definition of Success Indicators and Proposed Measurement Methodology

| Sl.No | Success indicator | Description | Definition | Measurement | General Comments |
|-------|--|---|---|---|---|
| 7 | [1.3.3] Number of Gram Panchayats covered | This success indicator is meant to monitor the award of work for establishing National Optical Fibre Network (NOFN) in timely manner. It is targeted that about 90,000 Gram Panchayats. | Facilitating the establishment of National Optical Fibre Network (NOFN) up to Gram Panchayats. | It is would be measured in the number of Gram Panchayats covered | Internet Service Providers(ISPs) cable TV operators, content providers can launch various services in rural areas. Various applications for e-health, education, e-governance etc. will be provided. The project is being executed by a Special Purpose Vehicle (SPV) namely Bharat Broadband Network Limited (BBNL), which has been incorporated on 25.02.2012 under Indian Companies Act, 1956. |
| 8 | [1.4.1] Providing VPT in North East Region (Total Villages-2590) | Access of telecom services in the remote areas of the country, especially in NER | Village Public Telephone is the first Public Telephone in a village where there is no such facility or PCOs existed before. | Numbers of VPTs | |
| 9 | [1.4.2] Providing VPT in rest of the country (Total Villages-9401) | This success indicator is meant to monitor that Village Public Telephone facility is provided in all inhabited villages in the NER and rest of the country which do not have any telecommunication connectivity at present. | Facilitate provisioning of Village Public Telephone (VPT) facility in inhabited villages in NER and rest of the country which do not have any telecom connectivity. | Monthly MIS statements are being received from BSNL, who is executing the USOF funded VPT scheme. The concerned Controller of Communications Accounts (CCAs) check the claims thoroughly as per the terms and conditions of | Reconciliation of VPTs working in the inhabited villages as per Census 2001 was carried out taking into account the existing VPT and those provided under Bharat Nirman. All the remaining inhabited villages as on 1.10.2007 as per Census 2001 irrespective of criteria of |

Section 4: Description and Definition of Success Indicators and Proposed Measurement Methodology

| Sl.No | Success indicator | Description | Definition | Measurement | General Comments |
|-------|---|---|---|---|---|
| 9 | [1.4.2] Providing VPT in rest of the country (Total Villages-9401) | This success indicator is meant to monitor that Village Public Telephone facility is provided in all inhabited villages in the NER and rest of the country which do not have any telecommunication connectivity at present. | Facilitate provisioning of Village Public Telephone (VPT) facility in inhabited villages in NER and rest of the country which do not have any telecom connectivity. | the Agreement and subsequent clarifications issued by USOF HQ from time-to-time. The subsidy is disbursed after making specified checks and making deductions from subsidy thereof. | population, remoteness, accessibility and law & order situations have been induced for provision of VPTs with subsidy support from USOF Fund under this scheme. Agreements in this regard were signed with BSNL on 27.02.2009. 5,81,610 villages out of the 5,93,501 (i.e. 97.97%) inhabited revenue villages as per Census 2001 have been covered with VPTs. It has been targeted that VPT facility will be provided in the balance inhabited villages in NER and rest of the country during financial year 2013-14. |
| 10 | [1.5.1] Finalization of a broad framework for broadband connectivity | To incorporate enabling provisions in the current regulatory framework for extending high quality broadband services in rural areas also. | It is a requirement for provision of 175 million broadband connection in 12th Plan. | | |
| 11 | [2.1.1] Issue of PMA Guidelines for security sensitive Telecom Equipments | It is requirement for Implementation of Policy for indigenous Manufacturing of Telecom Equipment. | | date | |

Section 4: Description and Definition of Success Indicators and Proposed Measurement Methodology

| Sl.No | Success indicator | Description | Definition | Measurement | General Comments |
|-------|--|---|---|-------------|------------------|
| 12 | [2.1.2] Creation of fund for promoting R&D and Manufacturing | National Telecom Policy 2012 envisages to create a corpus to promote indigenous R&D, IPR creation, entrepreneurship, manufacturing, commercialisation and deployment of state-of-the-art telecom products and services during the 12th five year plan period. | It is a requirement for implementation of policy for indigenous Manufacturing of Telecom Equipment. | Date | |
| 13 | [2.1.3] Setting up of Telecommunication Standard Development Organisation (TSDO) | To promote setting up of Telecommunications Standard Development Organisation (TSDO) as an autonomous body with effective participation of the government, industry, R&D centres, service providers, and academia to drive consensus regarding standards to meet national requirements including security needs. It will facilitate access for all the stakeholders in the International Standards Development Organisations and act as an advisory body for preparation of national contributions for incorporation of Indian requirement/IPRs/standards in the international standards. | It is a requirement for implementation of policy for indigenous Manufacturing of Telecom Equipment. It is a requirement for implementation of policy for indigenous Manufacturing of Telecom Equipment. | date | |

Section 4: Description and Definition of Success Indicators and Proposed Measurement Methodology

| Sl.No | Success indicator | Description | Definition | Measurement | General Comments |
|-------|--|---|--|-------------|------------------|
| 14 | [2.2.1] Approval of Standards | Promoting Indian standard development and IPR creations | | Numbers | |
| 15 | [2.3.1] On time completion | India Telecom is held annually with an objective to showcase the Indian Telecom industry and also provide a business platform to the participating companies both via deliberations during the Conference and product showcase during the exhibition. | The event also lays emphasis on promotion of indigenous manufacturing in the Telecom Sector. | date | |
| 16 | [2.3.2] Independent impact assesment | It is requirement to assess the impact organisation of India Telecom has on the promotion of indigenous R&D and Manufacturing. | | Date. | |
| 17 | [3.1.1] On time set up | A requirement for empowerment of Telecom Sector in India through Skill Development | To set up advisor Groups on Capacity Building & Content, Quality & Examination Framework. | By due Date | |
| 18 | [3.2.1] On time Commissioning of Study | Commissioning of skill gap study for telecom sector | A requirement for empowerment of Telecom Sector in India through Skill Development | Date | |

Section 4: Description and Definition of Success Indicators and Proposed Measurement Methodology

| Sl.No | Success indicator | Description | Definition | Measurement | General Comments |
|-------|---|---|---|---|------------------|
| 19 | [3.3.1] On time finalisation of proposal | Telecom domain Knowledge Repository is a requirement for empowerment of Telecom Sector in India through Skill Development | To finalize technical set-up required for telecom domain Knowledge. | Date | |
| 20 | [4.1.1] On time issue | Issue of comprehensive Network Security Policy is a requirement for stakeholders planning | It helps to provide communication assistance to Law Enforcement Agencies through regulatory measures in tune with the extant license guidelines and in conformity with Indian Telegraph Act keeping in view individual privacy and following international practices. | by due Date | |
| 21 | [4.2.1] Number of subscribers verified on PIA basis | Ensuring telecom network security | Verification of subscribers on the basis of Photo, identity and address. | On the basis of the percent of the total subscribers. | |
| 22 | [4.3.1] Verification of BTSs with respect to prescribed radiation norms | To address environmental and health related concerns. | To implement adopted International Commission on Non-ionizing Radiation Protection (ICNIRP) guidelines for Electromagnetic radiation from mobile | Numbers | |

Section 4: Description and Definition of Success Indicators and Proposed Measurement Methodology

| Sl.No | Success indicator | Description | Definition | Measurement | General Comments |
|-------|--|---|--|-------------|------------------|
| 22 | [4.3.1] Verification of BTSs with respect to prescribed radiation norms | To address environmental and health related concerns. | towers, | Numbers | |
| 23 | [4.4.1] Publication of the Indian Telegraph (Amendment) Rules in the Gazette of India | Ensuring telecom network security by lawful interception and collecting, storing and analyzing message related information. | Ensuring telecom network security by lawful interception and collecting, storing and analyzing message related information by amending Rules 419A and 419B of Indian Telegraph Rules. | Date | |
| 24 | [4.5.1] Publication of the Indian Telegraph (Amendment) Rules in the Gazette of India | To mandate standards in the areas of functional requirements, safety and security in all possible building blocks of the communication network. | Amendment of Rules 528 to 538 of the Indian Telegraph Rules for mandatory Testing of Telecom equipments. | Date | |
| 25 | [5.1.1] Submission to CCEA | Extension of Reservation Quota for ITI is a requirement for proper working of telecom services sector. | To exploit individual strengths of organisations under DoT to their mutual benefits for ensuring these organisations to effectively flourish in the competitive telecom market while adequately supporting the security needs of the nation. | Date | |

Section 4: Description and Definition of Success Indicators and Proposed Measurement Methodology

| Sl.No | Success indicator | Description | Definition | Measurement | General Comments |
|-------|---|--|---|-------------|------------------|
| 26 | [5.2.1] Submission to Cabinet | Revival Plan for ITI for efficient and smooth functioning of PSUs | To consider the restructuring of Public Sector Undertaking in terms of management, manpower and equity. | Date | |
| 27 | [5.3.1] Proposal to Cabinet | Financial assistance to BSNL & MTNL for excess Spectrum in 2G for efficient and smooth functioning of PSUs | To recognise the strategic importance of telecom PSUs. | Date | |
| 28 | [5.4.1] Submission of proposal to Cabinet | It is a requirement for granting consent to BSNL & MTNL for surrender of BWA spectrum and refund thereof. | It is for achieving the objective of strengthening of PSUs. | date | |
| 29 | [5.5.1] Approval by Government | To consider the restructuring of Public Sector Undertaking in terms of management, manpower and equity. | It relates to the absorption of officers in MTNL | Date | |
| 30 | [6.1.1] On time approval | Formulation and approval of Policy on Spectrum assignment and pricing is a requirement for proper working of telecom services sector | To enable optimal utilisation of spectrum. | Date | |

Section 4: Description and Definition of Success Indicators and Proposed Measurement Methodology

| Sl.No | Success indicator | Description | Definition | Measurement | General Comments |
|-------|--|---|---|-------------|------------------|
| 31 | [6.2.1] On time reference to TRAI | Finalisation and approval of 2nd phase of Unified Licensing regime is a requirement for proper working of telecom services sector | To enable optimal utilisation of Spectrum through appropriate Regulatory framework. | Date | |
| 32 | [6.2.2] issue of guidelines for the regime | A requirement for proper working of telecom services sector | To enable optimal utilisation of Spectrum through appropriate Regulatory framework. | Date | |
| 33 | [6.3.1] On time approval | Finalisation and approval of M&A Guidelines in respect of Telecom Licences is a requirement for proper working of telecom services sector | To put in place a liberalised merger and acquisition policy with necessary thresholds, while ensuring adequate competition. | Date | |
| 34 | [6.4.1] on time approval | Finalisation of Guidelines for Spectrum sharing is a requirement for proper working of telecom services sector. | To put in place a liberalised merger and acquisition policy with necessary thresholds, while ensuring adequate competition. | Date | |
| 35 | [7.1.1] Submission to and decision on proposal by Telecom Commission. Preparation and submission of Cabinet Note | To create a Telecom Finance Corporation as a vehicle to mobilize and channelize financing for telecom projects in order to facilitate investment in the telecom sector. | A requirement for mobilizing and channelize financing for telecom projects in order to facilitate investment in the telecom sector. | Date | |

Section 4: Description and Definition of Success Indicators and Proposed Measurement Methodology

| Sl.No | Success indicator | Description | Definition | Measurement | General Comments |
|-------|--|---|---|-------------|------------------|
| 36 | [7.2.1] Submission to and decision on proposal by Telecom Commission | A requirement for development of green technology in telecom services sector | To facilitate increased use of alternative sources (Renewable Energy Technologies) of energy for powering telecom networks through active participation of all the stakeholders | Date | |
| 37 | [8.1.1] On time notification | Mandatory provisions for web based disclosure of wireless coverage by Telecom Service Providers is a requirement for empowerment of consumers of telecom services sector | To enhance consumer awareness. | Date | |
| 38 | [8.2.1] On time notification | To extend Intra-circle mobile number portability facility on nationwide basis so that the users can retain their mobile number while shifting from one service area to another, irrespective of the service provider. | A requirement for empowerment of consumers of telecom services sector. | Date | |
| 39 | [8.3.1] Circulation of Draft Cabinet Note for Inter Ministerial Consultation | It is a requirement to amend the TRAI Act for empowering the consumers of Telecom services | | Date | |

Section 4: Description and Definition of Success Indicators and Proposed Measurement Methodology

| Sl.No | Success indicator | Description | Definition | Measurement | General Comments |
|-------|--|--|---|-------------|------------------|
| 40 | [9.1.1] On time notification | A requirement for streamlining telecom services across various telecom sectors | | Date | |
| 41 | [9.2.1] Issue of Auction guidelines based on Government approval | A requirement for proper working of telecom services sector | | Date | |
| 42 | [9.2.2] Finalisation and issue of Notice Inviting Application (NIA). | A requirement for conducting Auction of Spectrum after receipt of Government approval. | | Date | |
| 43 | [9.2.3] start of Auction | A requirement for conducting Auction of Spectrum after receipt of Government approval. | A requirement for proper working of telecom services sector | Date | |
| 44 | [9.2.4] Receipt of Upfront Payments | It is a requirement for completion of process of Auction of Spectrum. | | Date | |

Section 4: Description and Definition of Success Indicators and Proposed Measurement Methodology

| Sl.No | Success indicator | Description | Definition | Measurement | General Comments |
|-------|---|---|--|-------------|------------------|
| 45 | [9.3.1] Completion of review | To review Standing Advisory Committee on Frequency Allocation (SACFA) clearance process for faster and simplified site clearances. | A requirement for proper working of telecom services sector | Date | |
| 46 | [9.4.1] Preparation of Roadmap | To prepare a roadmap for availability of additional spectrum every 5 years | A requirement for proper working of telecom services sector | Date | |
| 47 | [9.5.1] On time approval | To identify additional frequency bands periodically, for exempting them from licensing requirements for operation of low power devices for public use. | A requirement for proper working of telecom services sector | Date | |
| 48 | [11.1.1] Successful conduct of 20 workshops | A requirement for smooth and seamless transition to IPv6 across all stakeholders including Government sector. The workshops, to be held at different locations in the country to target focus groups, will be in collaboration the different stakeholders(Government Organisations, Service Providers, Content & Applications Providers, Equipment Manufacturer etc.) | IPv6 workshops/seminars etc for the benefit of key decision makers across all stakeholders are required to be conducted. | % | |

Section 4: Description and Definition of Success Indicators and Proposed Measurement Methodology

| Sl.No | Success indicator | Description | Definition | Measurement | General Comments |
|-------|---|--|---|-------------|------------------|
| 49 | [11.5.1] Approval of Compendium & publication | A requirement for smooth and seamless transition to IPv6 across all stakeholders including Governemtn Sector. | A compendium to show case IPv6 based Solutions/Architecture/Case studies for different industry verticals is required to facilitate smooth transition. | Date | |
| 50 | [11.6.1] Approval of Centre of Innovation | A requirement for smooth and seamless transition to IPv6 across all stakeholders including Government sector. To implement IPv6 based pilot project, to develop model Experimental IPv6 Network, Technical support to Central and State Government units, etc. | A Centre of Innovation for IPv6 is required to be established as per NTP 2012, with the vision to provide an environment of end to end IPv6 services under a single umbrella. | Date | |
| 51 | [11.7.1] Empanelment of training Organisations to provide IPv6 Certified training | A requirement for smooth and seamless transition to IPv6 across all stakeholders including Government sector. To build an industry recognized IPv6 certification program, to empanel organisations for IPv6 training, to build a talent pool on IPv6 skill set in the country etc. | An in country standard Training and Certification program on IPv6 is required to be developed to build a talent pool on IPv6 skill set. | Date | |

Section 4: Description and Definition of Success Indicators and Proposed Measurement Methodology

| SI.No | Success indicator | Description | Definition | Measurement | General Comments |
|-------|---|---|---|-------------|------------------|
| 52 | [11.8.1] Submission of the proposal to the Telecom Commission | A requirement to ensure for smooth development of Cloud Services. | A Cloud Policy for telecom sector is required to be formulated for smooth development of Cloud services ecosystem in the country. | Date | |

Section 5 :
Specific Performance Requirements from other Departments

| Location Type | State | Organisation Type | Organisation Name | Relevant Success Indicator | What is your requirement from this organisation | Justification for this requirement | Please quantify your requirement from this Organisation | What happens if your requirement is not met. |
|--------------------|-------|-------------------|--------------------------------------|--|---|---|---|--|
| Central Government | | Ministry | Ministry of New and Renewable Energy | [7.2.1] Submission to and decision on proposal by Telecom Commission | Specific Inputs | Scheme to be formulated in consultation with MNRE | NA | Formulation of scheme will be delayed |

Section 6: Outcome/Impact of Department/Ministry

| Outcome/Impact of Department/Ministry | Jointly responsible for influencing this outcome / impact with the following department (s) / ministry(ies) | Success Indicator | Unit | FY 11/12 | FY 12/13 | FY 13/14 | FY 14/15 | FY 15/16 |
|--|---|--|----------------|----------|----------|----------|----------|----------|
| 1 Facilitating increase in rural tele-density | | % increase in rural tele-density | % | 38 | 41 | 45 | 50 | 55 |
| 2 Facilitating increase in overall tele-density | | % increase in overall tele-density | % | 78.66 | 80 | 90 | 100 | 110 |
| 3 Penetration of broadband | DeitY, Department of Expenditure, Planning Commission, State Governments | Number of broadband connections provided (in millions) | Numbers | 14 | 16 | 60 | 90 | 120 |
| 4 Indigenous manufacturing of telecom equipment | Department of IP&P, Ministry of Finance | Facilitating indigenous manufacturing of telecom equipment (Rs. in crore) | Rs. (in crore) | 52000 | 52500 | 53000 | 54500 | 56000 |
| 5 Enhanced Security of the Telecom Network | MHA, NSCS, DeitY | % of Telecom Service Providers whose compliance to security guidelines has been ensured through audit etc. | % | | 100 | 100 | 100 | 100 |
| 6 Reduction of Pollution/Consumption of fossil fuels | MNRE, Ministry of Power, State electricity Boards, Planning Commission, Department of Expenditure | Number of Base Terminal Stations (BTSS) operating on Renewable Energy | Numbers | | 3500 | 40000 | 60000 | 100000 |