

519133/2021/TD Division

Sr. No.	TRAI Recommendation	Date of Recommendation (dd-mmm-yyy)	Subject	Status
1	Recommendations of the TRAI on Quantum and Structure of Licence Fee For Radio Paging Service Providers in Cities for the Licence Period from 4th Year onwards	15 July 1999	Quality of Service	Completed
2	Recommendations of License Fee and Terms and Conditions of the License Agreement for GMPCS Service	15 November 1999	Network, Spectrum and Licensing	Completed
3	Recommendations on Introduction of Competition in National Long Distance Communication	13 December 1999	Network, Spectrum and Licensing	Completed
4	Recommendations on Opening up of National Long Distance Communication - NTP 99	15 May 2000	Network, Spectrum and Licensing	Completed
5	Recommendations of TRAI on Issues Relating to Cellular Mobile Service	23 June 2000	Network, Spectrum and Licensing	Completed
6	Recommendations of TRAI on Issues Relating to Licensing of Fixed Service Providers	31 August 2000	Network, Spectrum and Licensing	Completed
7	Recommendation on Fresh Licenses for VSAT Service	18 October 2000	Network, Spectrum and Licensing	Completed
8	Trai Recommendations On Provision Of Mobile Community Phone services	20 October 2000	Network, Spectrum and Licensing	Completed
9	Recommendations of TRAI with regard to Cellular Mobile Service Providers (CMSPs)	24 October 2000	Network, Spectrum and Licensing	Completed
10	Recommendations of TRAI on licensing issues relating to Voice Mail / Audiotex	29 December 2000	Network, Spectrum and Licensing	Completed
11	Recommendations On Issues Relating To "Limited Mobility" Through Wireless In Local Loop In The Access Network By Basic Service Providers	08 January 2001	Network, Spectrum and Licensing	Completed
12	Recommendations on the the issues of fresh Licences for Radio Paging Service	27 April 2001	Quality of Service	Completed
13	Unified Messaging Service	11 May 2001	Broadband	Completed
14	TRAI Determination of Cost based Rental for WLL with Limited Mobility	23 May 2001	Financial & Economic Analysis	Completed
15	Allotment of Codes to NLD Operators	19 June 2001	Network, Spectrum and Licensing	Completed
16	Incorporation of suitable clauses in the License agreement of BSOs for equal ease of Access through Pre-selection	20 July 2001	Network, Spectrum and Licensing	Completed
17	TRAI Recommendations On Universal Service Obligation (USO)	03 October 2001	Network, Spectrum and Licensing	Completed
18	TRAI Recommendation on filling up of vacant slots of cellular mobile telephone service license	22 October 2001	Network, Spectrum and Licensing	Completed
19	Recommendations of TRAI on opening of the International Long Distance Service	12 November 2001	Network, Spectrum and Licensing	Completed
20	TRAI's Recommendation on INSAT MSS Reporting service.	19 November 2001	Quality of Service	Completed
21	TRAI Recommendations on Introduction of Internet Telephony	20 February 2002	Broadband	Completed
22	Recommendations to the Government on licensing of Receive only VSAT service	07 June 2002	Quality of Service	Completed
23	TRAI's Recommendations to Govt. on Growth Of Internet In The Country	09 September 2002	Broadband	Completed
24	TRAI Provides Recommendations to Facilitate VSAT Operations	10 December 2002	Quality of Service	Completed

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25	Recommendations of TRAI on Issues Concerning Public Mobile Radio Trunked Service (PMRTS) Referred by the DOT	07 January 2003	Quality of Service	Completed
26	Recommendations of TRAI on the Issue of Fresh Licenses to Cellular Mobile Service Providers (CMSPs).	21 February 2003	Network, Spectrum and Licensing	Completed
27	Recommendation of TRAI on Unified Licensing	27 October 2003	Network, Spectrum and Licensing	Completed
28	Chairpersons Letter to Secretary DOT regarding Recommendations on Numbering issues as a follow up of Unified Access Services Licence Migration	23 December 2003	Network, Spectrum and Licensing	Completed
29	Recommendations on intra-circle merger & acquisitions guidelines.	30 January 2004	Economic Regulation	Completed
30	Recommendation for allowing ISPs to lay copper cable in last mile	19 March 2004	Broadband	Completed
31	Recommendations on accelerating growth of internet and broadband penetration	29 April 2004	Broadband	Completed
32	TRAI's Recommendation on office of Ombudsman	10 August 2004	Admin and HRM	Completed
33	Recommendations on unified licensing.	13 January 2005	Network, Spectrum and Licensing	Completed
34	Recommendations on publication of telephone directory & directory enquiry services.	05 May 2005	Quality of Service	Completed
35	TRAI's recommendation on issues relating to VPN.	16 August 2005	Broadband	Completed
36	Recommendations on growth of telecom services in rural india.	03 October 2005	Network, Spectrum and Licensing	Completed
37	Recommendations on promotion of competition in international private lease circuits (IPLC) segment.	16 December 2005	Broadband	Completed
38	Recommendations on Transition from IPv4 to IPv6 in India.	09 January 2006	Broadband	Completed
39	Recommendations on Mobile Number Portability	08 March 2006	Network, Spectrum and Licensing	Completed
40	Recommendations for permitting usage of strings containing #,\$, £ etc. For accessing high speed data services in wireless networks.	08 March 2006	Broadband	Completed
41	Recommendations on Next Generation Networks.	20 March 2006	Broadband	Completed
42	Recommendations for permitting usage of * and # in provisioning of value added intra-network services like USSD (Unstructured Supplementary Service Data) by Access Providers	13 April 2006	Network, Spectrum and Licensing	Completed
43	Recommendations on components of Adjusted Gross Revenue (AGR)	13 September 2006	Financial Analysis	Completed
44	Recommendations on Terms and Conditions for Resale in International Private Leased Circuits (IPLC) Segment.	23 March 2007	Network, Spectrum and Licensing	Completed
45	Recommendations on infrastructure sharing.	11 April 2007	Broadband	Completed
46	Recommendations on improvement in the effectiveness of national internet exchange of india (nixi).	20 April 2007	Broadband	Completed
47	Recommendations on review of internet services.	10 May 2007	Broadband	Completed
48	Recommendations on Review of license terms and conditions and capping of number of access providers	28 August 2007	Network, Spectrum and Licensing	Completed

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49	Recommendations on growth of broadband	02 January 2008	Broadband	Completed
50	Recommendation on support for rural wireline connections, installed before 1.4.2002 from USOF, on phasing out of ADC	27 March 2008	Network, Spectrum and Licensing	Completed
51	Recommendations on terms and conditions for publication of an integrated telephone directory for fixed line telephones	24 April 2008	Quality of Service	Completed
52	Recommendations on terms and conditions for national integrated directory enquiry service (NIDQS) for fixed and mobile telephones	19 June 2008	Quality of Service	Completed
53	Recommendations on allocation and pricing for 2.3-2.4 GHZ, 2.5-2.69 GHZ and 3.3-3.6 GHZ bands	11 July 2008	Network, Spectrum and Licensing	Completed
54	Recommendation on the modifications proposed by DoT on Reserve price and Auction process for 3G services	14 July 2008	Network, Spectrum and Licensing	Completed
55	Recommendation on the modifications proposed by DoT on spectrum usage charges and one time spectrum enhancement charges.	16 July 2008	Network, Spectrum and Licensing	Completed
56	Recommendations on mobile virtual network operator (MVNO).	06 August 2008	Network, Spectrum and Licensing	Completed
57	Recommendations on Issues related to Internet Telephony.	18 August 2008	Broadband	Completed
58	Recommendations on Provision of Calling Cards by Long Distance Operators.	20 August 2008	Network, Spectrum and Licensing	Completed
59	Recommendations on modifications proposed by dot on the spectrum usage charges for 3G services.	09 December 2008	Network, Spectrum and Licensing	Completed
60	Recommendations on Growth of Value Added Services and Regulatory Issues.	13 February 2009	Quality of Service	Completed
61	Draft Recommendations on An Approach to Rural Telephony – Suggested Measures for an Accelerated Growth	04 March 2009	Network, Spectrum and Licensing	Completed
62	Recommendations on Lock-in period for Promoter's Equity and other related issues for Unified Access Service Licensees (UASL).	12 March 2009	Financial Analysis	Completed
63	TRAI reply to DoT Letter No.813-7/2005-LR(Vol.II) dated 22nd April, 2009 on its recommendations on issues relating to Transition from IPv4 to IPv6 in India.	06 May 2009	Broadband	Completed
64	Recommendations on Efficient Utilization of Numbering Resources	20 August 2010	Network, Spectrum and Licensing	Completed
65	Recommendations on National Broadband Plan.	08 December 2010	Broadband	Completed
66	Recommendations on Approach towards Green Telecommunications	12 April 2011	Quality of Service	Completed
67	Recommendations of the Authority on DoT reference on TRAI recommendations on "National Broadband Plan"	04 May 2011	Broadband	Completed
68	Recommendations on Guidelines for Unified Licence/Class Licence and Migration of Existing Licences dated 16th April 2012	16 April 2012	Network, Spectrum and Licensing	Completed
69	TRAI releases recommendations on "Exit-Policy for various telecom licences"	18 April 2012	Network, Spectrum and Licensing	Completed

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70	Recommendations on Auction of Spectrum.	23 April 2012	Network, Spectrum and Licensing	Completed
71	TRAI's response to DoT's letter dated 21-03-2012 regarding TRAI's recommendations on "Efficient utilization of Numbering Resources"	11 May 2012	Network, Spectrum and Licensing	Completed
72	Recommendations after reconsideration to DoT's reference on "Guidelines for Unified Licence/Class Licence and Migration of Existing Licences"	12 May 2012	Network, Spectrum and Licensing	Completed
73	Recommendations on Application Services	14 May 2012	Broadband	Completed
74	Recommendations on Support for Rural Wire-line Connections, Installed before 01.04.2002	14 May 2012	Network, Spectrum and Licensing	Completed
75	Auction of Spectrum : Analysis of Effects on Costs, Tariffs and Financial Returns	12 July 2012	Financial Analysis	Completed
76	Recommendation on Amendment in the ISP Licence Agreement for incorporating the terms and conditions mentioned in Notice Inviting Applications (NIA) dated 25.02.2010 for use of Broadband Wireless Access	22 November 2012	Broadband	Completed
77	Recommendations on "Terms and Conditions of Unified License (Access Services)"	02 January 2013	Network, Spectrum and Licensing	Completed
78	Recommendations on "IMT – ADVANCED MOBILE WIRELESS BROADBAND SERVICES"	19 March 2013	Network, Spectrum and Licensing	Completed
79	Recommendations on Valuation and Reserve Price of Spectrum	09 September 2013	Network, Spectrum and Licensing	Completed
80	Recommendations on Full Mobile Number Portability (Pan-India Number Portability)	25 September 2013	Network, Spectrum and Licensing	Completed
81	Recommendations on "Improving Telecom Services in the North Eastern States: An Investment Plan"	26 September 2013	Network, Spectrum and Licensing	Completed
82	Recommendations on Working Guidelines for Spectrum Trading	28 January 2014	Network, Spectrum and Licensing	Completed
83	Recommendation on Reserve Price for Auction of Spectrum in the 800 MHz Band	22 February 2014	Network, Spectrum and Licensing	Completed
84	Recommendations on "Definition of Adjusted Gross Revenue (AGR) in Licence Agreements for provision of Internet Services and minimum presumptive AGR"	01 May 2014	Broadband	Completed
85	Recommendations on Provisioning of INMARSAT / Satellite Phone services	12 May 2014	Network, Spectrum and Licensing	Completed
86	TRAI response to DoT reference dated 02.07.2014 on Full Mobile Number Portability	21 July 2014	Network, Spectrum and Licensing	Completed
87	Recommendations on Guidelines on Spectrum Sharing	21 July 2014	Network, Spectrum and Licensing	Completed
88	Recommendations on Improving Telecom Services in Andaman and Nicobar Islands and Lakshadweep	22 July 2014	Network, Spectrum and Licensing	Completed
89	Recommendations on "Allocation and pricing of Microwave Access (MWA) and Microwave Backbone (MWB) RF carriers"	29 August 2014	Network, Spectrum and Licensing	Completed
90	Recommendations on Valuation and Reserve Price of Spectrum: Licences Expiring in 2015-16	15 October 2014	Network, Spectrum and Licensing	Completed
91	Recommendations on Valuation and Reserve Price of Spectrum: 2100 MHz Band	31 December 2014	Network, Spectrum and Licensing	Completed

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92	Recommendations on Definition of Revenue Base (AGR) for the Reckoning of Licence Fee and Spectrum Usage Charges	06 January 2015	Financial Analysis	Completed
93	Recommendations on "Single Number based Integrated Emergency Communication and Response System"	07 April 2015	Network, Spectrum and Licensing	Completed
94	Recommendations on Delivering Broadband Quickly: What do we need to do?	17 April 2015	Network, Spectrum and Licensing	Completed
95	Recommendation on Introducing Virtual Network Operators in Telecom Sector	01 May 2015	Network, Spectrum and Licensing	Completed
96	TRAI's response to DoT's reference back on Recommendations on Working Guidelines for Spectrum Trading	21 May 2015	Network, Spectrum and Licensing	Completed
97	TRAI's response to DoT's reference back on Recommendations on Guidelines on Spectrum Sharing	21 May 2015	Network, Spectrum and Licensing	Completed
98	Recommendations on Valuation and Reserve Price of Spectrum in the 700 MHz, 800 MHz, 900 MHz, 1800 MHz, 2100 MHz, 2300 MHz and 2500 MHz bands	27 January 2016	Network, Spectrum and Licensing	Completed
99	Recommendations on Implementation Strategy for BharatNet	01 February 2016	Network, Spectrum and Licensing	Completed
100	TRAI response to reference received from DoT on TRAI's recommendations on charging of liberalization of Administratively allocated spectrum	10 February 2016	Financial Analysis	Completed
101	Recommendations on Interconnection over IP Interface	11 February 2016	Network, Spectrum and Licensing	Completed
102	Response of the Authority on issues referred back by DoT on TRAI's Recommendations dated 22 July 2014 on Improving Telecom Services in Andaman and Nicobar Islands and Lakshadweep	23 March 2016	Network, Spectrum and Licensing	Completed
103	Recommendations on Sale/Rent of International Roaming SIM Cards/Global Calling Cards in India	09 May 2016	Network, Spectrum and Licensing	Completed
104	Violation of the provisions of License Agreements and the Standards of QoS of Basic Telephone Service (Wireline) and Cellular Mobile Telephone Service Regulations, 2009 by Bharti Airtel Limited	21 October 2016	Network, Spectrum and Licensing	Completed
105	Recommendations on Licensing framework for Audio Conferencing/Audiotex/ Voice Mail Services	16 December 2016	Network, Spectrum and Licensing	Completed
106	Recommendations on Encouraging Data usage in Rural Areas through Provisioning of Free Data	19 December 2016	Broadband	Completed
107	Recommendation on Permitting outstation Aadhaar card holders for e-KYC of mobile subscribers	20 January 2017	Network, Spectrum and Licensing	Completed
108	Recommendation on Verification of existing mobile subscribers through Aadhaar based e-KYC services	20 January 2017	Network, Spectrum and Licensing	Completed
109	Recommendations on In-Building Access by Telecom Service Providers	20 January 2017	Network, Spectrum and Licensing	Completed
110	Recommendations on "Proliferation of Broadband through Public Wi-Fi Networks"	09 March 2017	Broadband	Completed

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111	Recommendations on "Complaints/ Grievance Redressal in the Telecom Sector"	10 March 2017	Consumer Affairs	Completed
112	Additional Recommendations on "Sale/Rent of International Roaming SIM Cards/Global Calling Cards of foreign operators in India"	14 June 2017	Interconnection	Completed
113	Recommendations on 'Captive VSAT CUG Policy issues'.	18 July 2017	Network, Spectrum and Licensing	Completed
114	Recommendations on 'Issues related to Closure of Access Services'	31 July 2017	Network, Spectrum and Licensing	Completed
115	Recommendations on Cloud Services.	16 August 2017	Quality of Service	Completed
116	Recommendations on "Spectrum, Roaming and QoS related requirements in Machine-to-Machine (M2M) Communications"	05 September 2017	Network, Spectrum and Licensing	Completed
117	Recommendations on 'Introduction of UL (VNO) for Access Service authorization for category B license with districts of a State as a service area'.	08 September 2017	Network, Spectrum and Licensing	Completed
118	Recommendations on Approach towards Sustainable Telecommunications	23 October 2017	Network, Spectrum and Licensing	Completed
119	Recommendations on Regulatory framework for Internet Telephony	24 October 2017	Interconnection	Completed
120	TRAI's Response on the issues relating to Spectrum Cap as follow up of Inter-Ministerial Group report	21 November 2017	Network, Spectrum and Licensing	Completed
121	Recommendations on Net Neutrality	28 November 2017	Quality of Service	Completed
122	Authority's response to DoT's reference dated 25.9.2017 on TRAI's Recommendations dated 19.12.2016 on Provisioning of Free Data	29 November 2017	Broadband	Completed
123	Recommendations on "Ease of Doing Telecom Business"	30 November 2017	Network, Spectrum and Licensing	Completed
124	Recommendations on "Network Testing Before Launch of Commercial Services"	04 December 2017	Network, Spectrum and Licensing	Completed
125	Recommendations on In-Flight Connectivity (IFC)	18 January 2018	Network, Spectrum and Licensing	Completed
126	Inputs for Formulation of National Telecom Policy - 2018	02 February 2018	Network, Spectrum and Licensing	Completed
127	Recommendations on Making ICT accessible for Persons with Disabilities	09 July 2018	Consumer Affairs	Completed
128	Recommendations on Privacy, Security and Ownership of the Data in the Telecom Sector	16 July 2018	Broadband	Completed
129	Recommendations on Method of allocation of spectrum for Public Mobile Radio Trunking Service (PMRTS) including auction, as a transparent mechanism	20 July 2018	Network, Spectrum and Licensing	Completed
130	Recommendations on Auction of Spectrum in 700 MHz, 800 MHz, 900 MHz, 1800 MHz, 2100 MHz, 2300 MHz, 2500 MHz, 3300-3400 MHz and 3400-3600 MHz Bands	01 August 2018	Network, Spectrum and Licensing	Completed
131	Recommendations on Promoting Local Telecom Equipment Manufacturing	03 August 2018	Broadband	Completed

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132	TRAI's Response to DoT back reference dated 31st August, 2018 on TRAI recommendations 'Introduction of UL (VNO) for Access Service authorization for category 'B' license with districts of a State as a service area'	21 December 2018	Network, Spectrum and Licensing	Completed
133	Recommendations on Methodology for levy of Spectrum Charges for provision of Satellite based Services using Gateway installed in India under 'sui-generis' category	27 December 2018	Network, Spectrum and Licensing	Completed
134	Recommendations on Review of Terms and Conditions for registration of Other Service Providers (OSPs)	21 October 2019	Network, Spectrum and Licensing	Completed
135	Recommendations on Allotment of spectrum to Indian Railways for Public Safety and Security services	25 October 2019	Network, Spectrum and Licensing	Completed
136	Recommendations on Network Testing Before Commercial Launch of Services for Wireline Access Services	22 April 2020	Network, Spectrum and Licensing	Completed
137	Recommendations on Ensuring Adequate Numbering Resources for Fixed Line and Mobile Services	29 May 2020	Network, Spectrum and Licensing	Completed