

**Information note to the Press**  
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For Immediate release

**Telecom Regulatory Authority of India**

**TRAI Releases Report of the independent agencies engaged for the Objective Assessment of Quality of Service and Customer Satisfaction Survey of Telecom Services in Mumbai service area.**

TRAI has conducted Network audit for the assessment of Quality of Service being provided by the service providers and collected customers views through survey for the assessment of implementation and effectiveness of the Telecom Consumers Protection and Redressal of Grievance Regulation, 2007 and customers perception of service of Basic, Cellular Mobile and Broadband Service Providers during the period from July to September, 2011. The main findings of the reports are given below:-

**2. Findings of the independent agency on Quality of Service**

**2.1 Cellular Mobile Telephone Service:**

The objective assessment of quality of service and subjective customer satisfaction surveys of the service providers, namely, M/s Aircel, M/s Bharti Airtel, M/s Etisalat, M/s Idea Cellular Limited, M/s Loop Mobile, M/s MTNL ( GSM & CDMA), M/s Reliance Communications (GSM & CDMA), M/s MTS, M/s Tata (GSM & CDMA), M/s Uninor, M/s Vodafone, and M/s Videocon was conducted. Service Provider's performance on the selected Key Parameters in respect of cellular mobile telephone service based on one month data verification and the gradation on "Satisfaction" score scale i.e. scores of "Very Satisfied" to "Satisfied" on the matching parameters of the customers perception of services is annexed at "A"

**2.2 Basic Telephone Service (Wire Line):**

The objective assessment of quality of service and subjective customer satisfaction surveys of the service providers, namely, M/s Airtel, M/s RCOM, M/s TTSL and M/s MTNL was conducted. Service Provider's performance on the selected Key Parameters in respect of Basic Telephone service (Wire Line) based on one month data verification and the gradation on "Satisfaction" score scale i.e. scores of "Very Satisfied" to "Satisfied" on the matching parameters of the customers perception of services is annexed at "B".

### **2.3 Broadband Service:**

The objective assessment of quality of service and subjective customer satisfaction surveys of the service providers, namely, M/s Airtel, M/s RCOM, M/s Sify, M/s Hathway, M/s TTSL, M/s You Broadband, M/s Spectranet, M/s Syscon, M/s Tikona, M/s MTNL, M/s Five Network, M/s D-Vois and M/s TCISL was conducted. Service Provider's performance on the selected Key Parameters in respect of Broadband service based on one month data verification and the gradation on "Satisfaction" score scale i.e. scores of "Very Satisfied" to "Satisfied" on the matching parameters of the customers perception of services is annexed at "C".

### **3. Telecom Consumers Protection and Redressal of Grievances score:**

The results of the survey reveal that the service providers need to take effective steps for bringing awareness about three stage redressal mechanism including contact details of Nodal Officers/ appellate authority to improve customers satisfaction. Service provider wise overall score on various parameters pertaining to Cellular Mobile Telephone, Basic Service (Wire Line) and Broadband service is enclosed at Annex "D".

4. The detailed Report on Quality of Service – Audit/Objective Assessment and Customer Satisfaction Survey, including grievance redressal mechanism, conducted during the period July, 2011 to September, 2011 is placed at TRAI Website ([www.traigov.in](http://www.traigov.in)).

5. In case of any clarification, please contact, Mr A.Robert J. Ravi, Advisor (QOS) at Tel. No. 011-23230404/23217914 or at email id: [advqos@traigov.in](mailto:advqos@traigov.in).

**(Rajeev Agrawal)**  
**Secretary**

**Cellular Mobile Services:** Performance of Service providers on the selected key parameters based on one month data verification and the proportion of satisfied customers on “Satisfaction” score scale i.e. score of very satisfied to satisfied in respect of related customer service perception parameters

Name of Service Provider	Network Availability		Accessibility & Retainability				Metering and Billing				Help Services		Supplementary
	(Survey)	(Audit)	(Survey)	(Audit)	(Audit)	(Audit)	(Survey)	(Survey)	(Audit)		(Survey)	(Audit)	(Survey)
	Customers satisfied with Provision of Service	Worst affected BTSs due to downtime (%age)	Customers satisfied with network performance	Call Set-up Success Rate (within licensee's own network)	Call Drop Rate (%age)	%age of connection with good voice quality	%customers satisfied with billing performance (Post Paid)	%customers satisfied with billing performance (Pre Paid)	Metering and billing credibility		% Customers satisfied with help service)	Percentage of calls answered by operators (voice to voice) within 60 sec	% Customers satisfied with supplementary service)
Bench marks	≥ 90%	≤ 2%	≥ 95%	≥ 95%	≤ 2%	≥ 95%	≥ 95%	≥ 95%	< 0.1%		≥ 90%	≥ 90%	≥ 90%
Aircel	99.4	0.05	94.5	97.78	0.87	98.05	95.9	98.2	0.03	0.03	89.6	78.77	92.7
Airtel	99.4	0.29	77.5	99.59	0.65	99.68	99.4	99.0	0.02	0	89.5	96.54	85.7
Etisalat	-	1.80	-	99.72	1.26	97.96	-	-	-	0.03	-	99.32	-
Idea	99.6	0	95.8	99.19	1.18	98.69	99.6	99.0	0.34	0.11	89.2	97.82	92.4
Loop	97.6	0.05	94.3	99.98	0.56	98.18	99.7	96.4	0.03	0.02	89	97.88	88.1
MTNL GSM	-	0.64	-	96.62	1.48	96.88	97.2	99.8	0.08	0	-	94.53	92.7
RCOM GSM	99.3	0.25	93.2	99.20	1.09	98.96	96.5	98.7	0.10	0.10	87.3	83.84	93.0
Tata GSM	95.9	0.04	93.1	99.44	0.98	97.25	-	95.2	0.08	0.01	85.9	99.56	86.4
Uninor	98.3	0	92.5	98.96	1.70	98.37	-	97.6	-	0.18	85.2	82.19	84.8
Videocon	ICR with Loop								-	0.01	-	97.87	-
Vodafone	99.8	0.06	95.5	99.99	0.91	97.83	95.4	98.2	0.15	0.02	89.9	66.48	93.2
MTNL CD	99.5	1.36	95.3	98.51	1.33	97.69	-	-	0.05	0	84.6	-	-
MTS CDMA	99.7	0	94.8	99.44	0.26	-	90.8	99.0	0.12	0.01	89.1	74.96	85.7
RCOM CDMA	-	0.26	-	99.65	0.35	-	-	-	0.09	0.03	-	91.84	-
Tata CDMA	-	0.11	-	99.14	0.68	-	98.6	-	0.06	0.02	-	99.58	-

**Basic Telephone Services:** Performance of Service providers on the selected key parameters based on one month data verification and the proportion of satisfied customers on “Satisfaction” score scale i.e. score of very satisfied to satisfied in respect of related customer service perception parameters

Name of Service Provider	Network Availability	Accessibility	Metering and Billing		Maintanability	Help Service
	(Survey)	(Survey)	(Survey)	(Survey)	(Survey)	(Survey)
	Customers satisfied with Provision of Service	Customers satisfied with network performance	%customers satisfied with billing performance (Post Paid)	%customers satisfied with billing performance (Pre Paid)	% Customers satisfied with Maintainability)	% Customers satisfied with help service
<b>Bench marks</b>	<b>≥ 90%</b>	<b>≥ 95%</b>	<b>≥ 95%</b>	<b>≥ 95%</b>	<b>≥ 95%</b>	<b>≥ 90%</b>
<b>Airtel</b>	<b>98.8</b>	<b>87.7</b>	<b>99.9</b>	<b>-</b>	<b>86.3</b>	<b>98.3</b>
<b>Rel Comm.</b>	<b>100</b>	<b>97.8</b>	<b>97.9</b>	<b>-</b>	<b>89.7</b>	<b>99.3</b>
<b>TATA</b>	<b>100</b>	<b>97.3</b>	<b>97.4</b>	<b>-</b>	<b>83.3</b>	<b>97.1</b>
<b>MTNL</b>	<b>98.3</b>	<b>97.7</b>	<b>97.7</b>	<b>-</b>	<b>86.8</b>	<b>90.2</b>

**Broadband Services: Performance of Service providers on the selected key parameters based on one month data verification and the proportion of satisfied customers on “Satisfaction” score scale i.e. score of very satisfied to satisfied in respect of related customer service perception parameters.**

Name of Service Provider	Network Availability	Accessibility	Metering and Billing		Help Services	Supplementary services
	(Survey)	(Survey)	(Survey)	(Survey)	(Survey)	(Survey)
	Customers satisfied with Provision of Service	Customers satisfied with network performance	% customers satisfied with billing performance (Post Paid)	% customers satisfied with billing performance (Pre Paid)	% Customers satisfied with help service)	% Customers satisfied with supplementary service)
<b>Bench marks</b>	<b>≥ 90%</b>	<b>≥ 85%</b>	<b>≥ 90%</b>	<b>≥ 90%</b>	<b>≥ 90%</b>	<b>≥ 85%</b>
Bharti	92.4	80.2	89.9	-	91.6	89.6
Reliance	95.8	89.0	92.8	-	99.1	90.3
Tata Comm	94.7	86.9	91.5	94.2	100	92.8
Sify	97.7	89.8	-	99.1	98.9	95.9
Hathway	98.6	93.3	95.8	8.1	98.8	98.0
Tata Tel	97.8	95.1	92.4	-	98.2	87.3
You Telecom	97.0	89.8	98.8	2.3	99.5	95.6
Spectranet	96.4	87.4	92.8	95.3	95.5	95.3
Syscon	90.8	84.9	-	94.5	86.6	95.0
Tikona	90.5	85.8	81.2	-	86.1	91.7
MTNL	95.8	86.4	83.9	-	80.0	88.0
Five Network	83.9	84.8	-	84.0	85.4	87.3
D-Vois	85.0	88.6	-	94.0	-	93.5

The following table shows the service provider wise score on various provisions of the Telecom Consumer Protection and Redressal of Grievances Act in respect of Cellular Mobile, Basic Telephone and Broadband service.

S.NO.	Sub Parameter	Airtel			Vodafone	Aircel	Uninor	Systema	Idea	Reliance			Tata			Shy	D VOIS	HATHWAY	SYSCON	TIKONA	YOU BROAD BAND	Loop Telecom	MTNL			Spectranet	Five network
		Cellular (in %)	Basic (in %)	Broadband (in %)	Cellular (in %)	Cellular (in %)	Cellular (in %)	Cellular (in %)	Cellular (in %)	Cellular (in %)	Basic (in %)	Broadband (in %)	Cellular (in %)	Basic (in %)	Broadband (in %)	Broadband (in %)	Broadband (in %)	Broadband (in %)	Broadband (in %)	Broadband (in %)	Broadband (in %)	Cellular (in %)	Cellular (in %)	Basic (in %)	Broadband (in %)	Broadband (in %)	Broadband (in %)
1	For prepaid customers awareness about item-wise usage charge details on request	8.6	NA	NA	3.5	18.5	15.8	14.9	6.6	19.5	NA	NA	20.3	NA	28.1	10.3	0.6	2.6	10.3	NA	15.1	9.1	7.5	NA	NA	27.3	20.5
2	If aware (for pre-paid customers) ever denied of item wise usage charge details for pre paid connection	12.1	NA	NA	10.3	46.2	29	41.7	13.6	46.5	NA	NA	27.5	NA	31.4	9.1	0.00	0.00	17.3	NA	18.4	24.1	37.5	NA	NA	22.7	27.1
3	For new customers provisioning of "Manual of practice while taking the new connection	25.7	17.3	14.2	9.4	8.3	11.9	16.3	4.7	38.2	18.1	38.7	23.2	28.7	39.2	11.3	0.00	14.7	13.2	27.6	10.5	10.5	12.9	7.3	34.7	20.2	10.3
4	Awareness of call center for redressing grievances	95.8	98.4	98.00	97.5	97.8	91.1	87.8	96.3	95.7	95.8	93.5	94.3	93.5	93.9	93.3	97.3	89.4	88.8	90.7	91.5	94.1	97.5	94.1	97.1	89.8	90.5
5	Percentage of consumer complaints to the toll free number within last 6 months	4.1	27.3	18.5	12.2	27.4	9.4	11.7	11.9	15.9	8.00	15.7	11.9	7.1	29.2	0.1	0	1.1	0	9.3	10.4	17	2.2	5.7	1.4	0	18.7
6	Call center informing about the action taken on complaint	77.3	92.4	92.9	99.2	93.5	98	89.6	97.7	97.1	91.8	89.9	98.4	98.7	96.5	100	NA	83.3	NA	89.9	70.3	98.4	95.7	39.3	100	NA	51.0
7	Resolution of billing complaint by customer care within 4 weeks of lodging complaint	51.2	92.6	47.4	79	83	97.7	46.7	86.6	79.6	6.00	30.5	82.6	22.7	13.3	NA	NA	47.5	NA	43.3	21.8	91.9	100	48.9	45.5	NA	26.7
8	Percentage satisfied with complaint resolution by call center	NA	NA	98.00	NA	NA	NA	NA	NA	NA	NA	100	NA	NA	99.7	100	NA	100	NA	100	100	NA	NA	NA	73.3	NA	100
9	Awareness about contact detail of nodal officer for redressing grievances	4.7	11.6	14.7	6.4	29.1	13.3	24.5	7.4	15	2.5	14.1	15	3.7	33.1	6.7	5.2	12.6	14.7	9.6	22.6	20	5.9	3.4	5.9	34.00	24.9
10	Awareness about contact detail of appellate authority for redressing grievances	1.7	9.3	9.6	2.5	14.6	8.8	14.8	1.3	10.5	0	21.1	12.7	1.00	33.00	2.2	1.2	6.7	7.9	15.1	12.00	11.1	1.1	0.2	3.8	12.2	4.1