

**Information note to the Press**  
**(Press Release No.154/2012)**

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 Karnataka 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 January to March, 2012. 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 Airtel, Aircel, BSNL, Idea Cellular Limited, Reliance (GSM& CDMA), MTS, Tata (GSM & CDMA), Videocon, Vodafone and Uninor 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 subjective customer satisfaction survey of the service providers, namely, M/s Airtel, BSNL, RCOM and TATA was conducted. Service Provider's performance on the selected Key Parameters in respect of Basic Telephone service (Wire Line) based on 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 subjective customer satisfaction survey of the service providers, namely, M/s Airtel, BSNL, Indusind, Reliance, TATA, Hathway, Sify, You Broadband and Zylog was conducted. Service Provider's performance on the selected Key Parameters in respect of Broadband service based on the one 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 annexure "D".

4. The detailed Report on Quality of Service – Audit/Objective Assessment and Customer Satisfaction Survey, including grievance redressal mechanism, conducted during the period January, 2012 to March, 2012 is placed at TRAI Website ([www.trai.gov.in](http://www.trai.gov.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**

**Annexure “A”**

**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 for January 2012 to March 2012 for KARNATKA Service Area:**

Name of Service Provider	Network Availability		Accessibility & Retain ability				Metering and Billing				Help Services		Supplementary services
	(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)
								(Post Paid)	(Pre Paid)				
<b>Bench marks</b>	<b>≥ 90%</b>	<b>≤ 2%</b>	<b>≥ 95%</b>	<b>≥ 95%</b>	<b>≤ 2%</b>	<b>≥ 95%</b>	<b>≥ 95%</b>	<b>≥ 95%</b>	<b>&lt; 0.1%</b>		<b>≥ 90%</b>	<b>≥ 90%</b>	<b>≥ 90%</b>
Aircel	92.49	0.10	91.91	99.54	0.67	98.67	88.12	79.79	0.04	0.03	90.96	97.00	85.37
Airtel	94.56	0.74	88.88	99.49	0.40	99.15	82.28	78.52	0.02	0.00	88.37	91.00	83.04
BSNL	95.23	2.73	91.04	99.08	1.17	--	86.23	83.22	0.04	0.02	86.95	93.00	95.24
IDEA	94.71	0.08	94.16	98.26	1.12	97.20	86.69	79.38	0.19	0.01	91.89	97.00	87.27
RCOM GSM	94.66	0.76	84.55	99.74	0.45	99.21	78.55	88.07	0.10	0.08	87.80	79.00	91.05
RCOM CDMA		0.21		99.21	0.50	98.41			0.09	0.02		87.00	
MTS	92.91	0.35	82.14	98.80	0.72	--	67.77	77.12	0.02	0.00	91.85	96.00	88.47
TATA GSM	94.13	0.15	88.90	98.03	0.70	98.41	83.37	84.41	1.20	0.00	94.48	99.64	92.03
TATA CDMA		0.00		99.34	0.14	--			0.37	0.00		98.00	
VIDEOCON	92.40	0.00	87.64	99.61	0.00	99.62	68.85	80.05	--	0.00	88.34	100.00	92.94
VODAFONE	93.54	0.03	96.26	98.91	0.64	98.81	86.18	89.33	0.08	0.06	94.73	99.00	89.23
UNINOR	--	0.00	--	99.08	1.16	98.45	--	--	--	0.00	--	96.00	--

**Annexure “B”**

**Basic Telephone Services: Performance of Service providers on the selected key parameters based on 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 for January 2012 to March 2012 for Karnataka Service Area:**

Name of Service Provider	Network Availability	Accessibility	Metering and Billing		Maintainability	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>	≥ 90%	≥ 95%	≥ 95%	≥ 95%	≥ 95%	≥ 90%
<b>AIRTEL</b>	81.87	96.26	90.00	72.97	84.31	82.14
<b>BSNL</b>	89.08	83.99	84.45	62.16	83.33	80.93
<b>RCOM</b>	85.47	88.97	85.50	76.92	81.21	74.20
<b>TATA</b>	96.35	79.08	69.69	81.63	68.63	70.57

**Annexure “C”**

**Broadband Services: Performance of Service providers on the selected key parameters based on 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 for January 2012 to March 2012 for Karnataka Service Area:**

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>
<b>Airtel</b>	93.57	91.57	90.09	89.76	88.99	81.85
<b>BSNL</b>	92.65	90.51	91.76	--	88.11	84.76
<b>HATHWAY</b>	89.08	80.86	87.62	83.13	82.33	72.25
<b>INDUSIND</b>	86.23	74.28	--	80.43	73.10	66.67
<b>RELIANCE</b>	92.07	90.53	90.08	89.66	85.05	82.14
<b>SIFY</b>	89.78	75.22	85.20	--	73.28	71.79
<b>TATA</b>	90.23	83.07	87.03	87.94	84.07	78.10
<b>YOU Broadband</b>	88.61	80.44	85.06	82.15	75.48	71.43
<b>Zylog</b>	89.72	78.79	86.15	79.76	82.05	74.83

**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 for January 2012 to March 2012 for KARNATAKA Service Area:**

S.NO.	Sub Parameter	Aircel		Airtel		BSNL			RCOM			TATA		IDEA	Sistema syam	videocon	vodafone	Hathway	Indusind	Sify	You Broadband	
		Cellular (%)	BASIC (%)	Cellular (%)	Broadband (%)	Basic (%)	Cellular (%)	Broadband (%)	BASIC (%)	Cellular (%)	Broadband (%)	BASIC (%)	Cellular (%)	Broadband (%)	Cellular (%)	Cellular (%)	Cellular (%)	Cellular (%)	Broadband (%)	Broadband (%)	Broadband (%)	Broadband (%)
1	For prepaid customers awareness about item-wise usage charge details on request	76.96	86.79	84.92	66.07	98.12	86.84	--	88.82	69.3	53.71	87.03	82.67	38.58	69.78	76.77	--	97.45	78.14	50	63.43	71.9
	If aware (for pre-paid customers) ever denied of item wise usage charge details for pre paid connection	27.88	15.22	34.09	8.49	45.24	25.19	--	27.12	48.68	13.3	55.28	29.93	7.89	30.91	23.41	--	24.25	9.63	0	10.95	37.09
3	For new customers provisioning of "Manual of practice while taking the new connection	61.59	86.19	59.93	65.82	83.7	56.75	74.95	61.8	43.2	77.72	70.92	54.73	43.12	62.31	66.67	--	69.26	45.51	64.71	61.73	60.2
4	Awareness of call center for redressing grievances	82.33	82.47	93.01	78	88.8	85.37	69.83	71.91	83.89	78.56	75.3	75.35	75.02	76.49	61.16	--	86.75	82.58	73.2	66.17	56.88
5	Penetration of consumers made any complaint to the toll free number within last 6 months	8.57	15.08	39.43	32.53	22.04	27.77	30.8	24.53	41.34	38.74	37.09	19.03	46.13	19.04	49.39	--	51.6	56.12	62.5	32.91	34.09
6	Call center informing about the action taken on complaint	56.84	62.65	29.6	74.17	77.31	15.88	72.73	55.73	17.79	71.08	80.9	62.07	52.7	35.98	30.43	--	93.62	54.75	18.57	55.34	68.57
7	Resolution of billing complaint by customer care within 4 weeks of lodging complaint	56.84	53.61	90.21	55.72	74.79	9.8	49.35	69.08	37.16	50.15	48.99	49.75	51.62	51.46	88.47	--	5.03	67.68	30	43.69	53.81
8	Percentage satisfied with complaint resolution by call center	--	--	--	77.49	97.85	--	73.16	98.04	--	60.92	94.68	--	64.86	--	--	--	--	59.19	74.29	66.99	57.2
9	Awareness about contact detail of nodal officer for redressing grievances	1.8	2.18	5.24	32.47	5.56	2.81	29.87	15.36	4.66	25.23	15.84	3.09	16.22	4.38	5.23	0.37	2.34	18.79	14.29	24.27	45.24
10	Awareness about contact detail of appellate authority for redressing grievances	0.9	1.54	4.69	20	4.54	0	12.5	4.68	3.82	22.22	5.22	2.53	16.67	2.07	3.73	0	0.87	18.18	--	--	11.11