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Strengths & Weakness of BSNL as per Tele-Density & Market Share of September 2014

Areas of Operations and Technology, BSNL has to consider to Increase the Market Share...

As the market witnessed a growth of 6.32 million during September 2014, and also there was increase in telephone connections also of around 6.34 million connections. In total in India we are having around 958.2 telephone connections as on September 2014, but as per this new report BSNL is losing its market share in wireless telephony

BSNL, the major telecom giant, has got negative growth of 1 million telephone connections, along with that there was also increase in the Broadband Connections of around 0.03 million as of Aug 2014. As on date the total Broadband Connections in India is around 15.05 million.

If we go to the telephone connections among the 958.2 connections of which BSNL is having a share of 104.1 million connections. With this BSNL is in 5th Position as an operator with market share of 10.86%. This is the pocket BSNL has to look in to as the % share is slowly going beyond BSNL, This month BSNL share was reduced by 0.2%, for this financial year, till date BSNL share was reduced by 1.3%. Furthermore with respect to the connections count lost, 1million connections for the moth of Sep 2014 and 9.1 million for the year 2014-15 till date.

If we go for wireless connections, here also BSNL is at 5th position with 9.32% market share, BSNL has lost 1 million consumers (0.2%) in the month of Oct 2014 and as on date for this financial year 2014-15 in terms of market share 8 million (1.2%). On the Other side wireless industry has grown by 3% while BSNL has declined its growth by 8.4%.

To the rescue of BSNL once again broadband is the snajeevani. BSNL, the No.1 Broadband service provider in India with a market share of 66.25%. BSNL has recorded a growth rate of 0.16% for the month of August 2014.

Out of all these BSNL being peoples player should move strategically to maintain positive growth in all types technologies keeping in mind that ,All private operators' uses BSNL fibre and tower infrastructure and yield profits with all the infrastructure in place BSNL is Losing Market Share….

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How to Check Your BSNL Broadband Speed, Difference between KBps and kbps

Check BSNL Broadband Speed & Factors influencing Broadband Bandwidth (Download Speed) BSNL one of the major Broadband Service provider in India. It is the one which is state owned company which is having un comparable infrastructure in terms of equipment, Tower infrastructure and even in terms of manpower, offers many Broadband Plans at lowest tariffs and with many discounts at great speeds.

Do you know that in many places if BSNL link is down, even most of the private operators also cannot provide internet service as they are on BSNL fibre network. At the end of the day.. BSNL is in losses and all private players in having commendable profits. It is having wide number of issues…but right now we are not going in detail of it.

Coming to the topic, many of us think about, how to check the BSNL Broadband Speed, now it can be checked in below mentioned test links by just a click

- ## http://speedtester.bsnl.co.in
  - ## http://www.karnataka.bsnl.co.in/bandwidthmeter/meter.php
- ## http://218.248.245.5/initialmeter.php

In general whenever we see the speed of a broadband connection what we will see is around 240 kbps (Kilo bits per second), ie., 1 Byte = 8 Bits. In general we see download speed, by simply downloading the file and checking with what speed file is being downloaded. Where we can see that file is being downloaded with speed of around 100 KBps (kilo bytes per second), ie., user can read it as 800 kbps (kilobits per second) which is the speed you have been indicated the same with broadband connection.

In general Internet speed is having many dependencies in particular to broadband connection. Some of these are also factors are indicated as below

•   If RAM Capacity should be 1GB(Minimum) or else Internet speed will be slow.

•   Some Virus attack may lead to Denial of the service, Antivirus updates should be in place.

•   Multiple connection on to a single router may lead to network conjunction and slow down of broadband speed.

•   Physical Joints should be minimized, where ever possible, splitters should be used.

•   Computer sharing should be limited, so that broadband speed will not the consumed by other PC's.. Through output is in directly proportional to number of PCs. Accordingly go for higher speeds if you are having more than 2 PC's

•   Distance from the Distribution point should be minimized as the length of the copper wire increases, Speed will be automatically reduced.

The above are some of the tips to consider for effective usage of our BSNL Broadband Services for day to day requirements with good download speed and gain the Broadband speed, if reduced with any reason.

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BSNL Offers 3.6Mbps Free 3G Card for New 3G Postpaid Data Plan Users

BSNL Launches Free 3.6Mbps 3G Data Card Offer, on Subscription with New Annual Rental 3G Postpaid Data Plan

PAN India 3G Telecom Operator & Indian Proven Telecom Leader, PSU BSNL (Bharat Sanchar Nigam Limited) has announced the launch of exciting and amazing offer of 3.6 Mbps 3G Data

Card(Dongle) as FREE to customer on subscription of newly launched BSNL 3G Annual Data Plans under Postpaid Mobile Services.

By this new launch, BSNL Postpaid Customer who subscribed with new yearly data plans, will gets Free 3.6Mbps 3G Data Card (Dongle) on subscription with 2940 plan, and also at slashed rates by 81% as Rs.300/- from present 3G Data card price at Rs.1600 on subscription with Data Plan 2050, and 62.5% less for data card as Rs.600/- on subscription with 3G Data Plan 1110, which ever given by any other operator.

BSNL Free 3G Data Card (3.6Mbps) Offer with Annual Post-paid Data Plans

Annual Rental 3G Postpaid Data Plan	Discounted Price of 3G Data Card 3.6 Mbps #
Rs. 2940	Free
Rs. 2050	Rs. 300
Rs. 1110	Rs. 600

BSNL Free 3.6Mbps card shall be applicable for only new customers who subscribed with newly introduced 3G Postpaid Advance Rental Annual data Plans.

These newly introduced Free 3.6Mbps BSNL 3G Card offer on subscription with Advance Rental Postpaid Plans is the best offer in the market, and newly introduced Advance Rental Annual data Plans are the most affordable Postpaid 3G Data Plans for Smartphones and Tablet users in the present market conditions for heavy data usage, where these newly introduced Free 3.6Mbps Data Card offer shall be available for customers in all the BSNL circles with effect from 1st November 2014.

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Landlines Coming Back to Life, Pushing Forcibly to Past, Believe Copper Wire before Skynet Disaster

Without Increase in Telecom Infrastructure for Cellular Density, We have to still believe in Landline Only...

Motorola after many efforts has introduced Wireless Telephony to make us to believe that we can talk cordless. This with further research and innovation we made our life's more flexible with the usage of Mobile and Mobile based Internet Services (4G, 3G and 2G services). It is hard to believe for any new generation kid that there exists a generation without a mobile phone.

If you see the statistics of the mobile population growth, it is an exponential growth but if you see the tower infrastructure growth, it is very lean and it is evident that infrastructure can't support the mobile consumer growth pace.

Many of us started using mobile phones fully around 2003 after the closure of incoming call rates by most dependable operator BSNL. From then till today many are unable to call even family members to wish for a Happy New Year. Till now forced to call to their landline, As landline is the only one communication source, where network traffic cannot be affected. This is making us to still believe copper wire in this wireless world. Which still we unable to accept.

This is mainly because of the poor telecom infrastructure either it can be a spectrum allocation or it can be installation of towers for network coverage or it can be due to the clearance to install new towers…finally as a customer I am in soup.

If you go into statistics as per cellular Operators association of India (COAI) there was around 139% increase in mobile user base. On the Other side towers installation was only at a growth rate of 41%. Furthermore as per Nokia network solutions information that only for the past one year 3G user base was increased by 50%.

Considering the growth Department of Telecommunications has to take a call immediately for spectrum auction and also TRAI should strictly follow that any company should restrict the call drop rate to 2% (as on date existed). All this will aid the increase per capita data consumption which is directly related to the increase in the Standards of Living for any Country.

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Centre to bring in private companies to speed up Rs 20.1k crore National Optic Fibre Network project

KOLKATA: The government has decided to bring in the private sector to speed up the Rs 20,100-crore national broadband project to connect the far-flung areas of the country, a move that follows strident criticism that the department of telecom's (DoT) decision of involving only state-run companies has been a key reason for the three-year delay.

The DoT will shortly move a Cabinet note to mandate Bharat Broadband Networks (BBNL) to appoint an independent project management consultant that will invite bids from private players including telecom operators to handle cable laying, trenching and ducting operations across 1.5 lakh village blocks in the second and third stages of the national optic fibre network (NOFN) roll-out, a top department official aware of the matter told ET.

State-run BBNL is the bandwidth supplier and executing agency of the NOFN project. Many global companies such as Facebook and Microsoft have shown interest in partnering with the government in various capacities for the NOFN project, especially for the last mile connectivity, through various technological deployments.

The telecom commission has recommended that "best-in-class private sector companies" be brought in through the international competitive bidding route since implementation by the state-run firms has been patchy, the official cited earlier said on condition of anonymity.
According to an internal DoT note seen by ET, "barely 1% of the NOFN roll-out target had been achieved till October and the pace requires to be accelerated 50 times over the next 18 months".

The telecom commission's recommendation of involving the private sector came after telecom secretary Rakesh Garg's recent call for greater coordination between the BSNL and BBNL failed to speed up NOFN roll-out. BSNL had recently complained that expenses incurred by it for deploying manpower, assets and storage space for the NOFN project had not been provisioned by BBNL.

If the Cabinet approves private sector involvement in NOFN, the role of state-run Bharat Sanchar Nigam, PowerGrid and RailTel may be reduced to only handling cable laying, trenching

and ducting operations in the first phase across one lakh village blocks or gram panchayats. The NOFN project, which is being executed in three stages, aims to deliver countrywide high-speed internet connectivity across 2.5 lakh village blocks. At present, BSNL, PowerGrid and RailTel are solely mandated to handle cable laying, trenching and ducting operations across all 2.5 lakh village blocks in the 70:15:15 ratio. This is the most expensive component of the NOFN project.

BSNL, which is responsible for bulk of the cable laying, trenching and ducting work for NOFN, could not immediately be reached for comment.

In a recent consultation paper titled 'Delivering Broadband Quickly', the Telecom Regulatory Authority of India (Trai) had invited suggestions on awarding engineering, procurement and construction (EPC) contracts to private telecom operators through the competitive bidding route to fast-track NOFN, which will be the core internet engine for delivering high-speed internet and government services to the common man under the Centre's Rs 1.13 lakh-crore Digital India initiative.

The regulator had also deplored India's dismal broadband scenario and sought views on leveraging existing private sector access networks to reduce the cost of boosting rural internet penetration.
Another official close to BBNL said the DoT has "no option but to speed up NOFN" since the Prime Minister's Office had advanced its roll-out deadline by six months to March 2016 to ensure the ambitious Digital India initiative meets its 2019 timeline.
DoT will also seek Cabinet approval for a near 40% escalation in NOFN project cost from Rs 20,100 crore to nearly Rs 28,000 crore, triggered by an upward revision in the last mile optic fibre cable connectivity requirement.
"Last mile optical fibre cable connectivity requirement for NOFN will be higher at 2.4 km per village block instead of the earlier estimated 2 km per block, aggregating 6 lakh route km instead of 5 lakh route km, which is another reason why private companies are proposed to be involved to meet the PMO deadline," said the official.
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DoT asks telecom companies to collect 'Aadhaar' number for issuing new SIMs

NEW DELHI: Department of Telecom (DoT) has asked all mobile operators to collect 'Aadhaar' number along with customer application form for issuing new connections and store the unique identification number in their database.

The DoT has also asked the operators to amend their database in two months for adding the 'Aadhaar' number.
"It has been decided to collect Aadhaar number along with customer application form (CAF) of mobile telephone applications and store the same in the database along with other data," DoT sources said.

Sources added that the directive will be applicable in all cases irrespective of the fact that mobile connection is issued by taking 'Aadhaar' card or any other document as proof of identity and proof of address.

The government is also working with all stakeholders in resolving the issue regarding use of 'Aadhaar' card as a proof of address for procuring new SIM cards in its proposed online verification system.

"The issue regarding use of Aadhaar card as proof of address for procuring new SIM cards in its proposed online verification will be in place in next two months," Department of Electronics and IT (DeitY) Secretary R S Sharma said last week.

The Home Ministry had raised multiple concerns over using UIDAI number as an address proof in the DoT's proposed online verification system, citing possible issues in the supporting Aadhaar data.

The Home Ministry had raised concerns over supporting documents submitted by people as proof of identity and proof of address for getting a 'Aadhaar' number, sources had said.

The DoT is working on a concept to use 'Aadhaar' number for online verification of people seeking mobile connections along with existing process of customer verification.

'Aadhaar' card can be also issued to foreign nationals staying in the country. This had also been questioned by the Home Ministry fearing nationals of neighbouring country could attempt to use it to procure Indian identity documents for infiltration.

The Home Ministry had said that unlike 'Aadhaar', other acceptable proof of address documents such as passport, driving licence do not have the status of universality and therefore "even higher levels of error in these documents may not translate into comparable volume of security concerns".

The Home Ministry had also raised concern over involvement of foreign vendors by UIDAI for storing data and has suggested audit of data security.
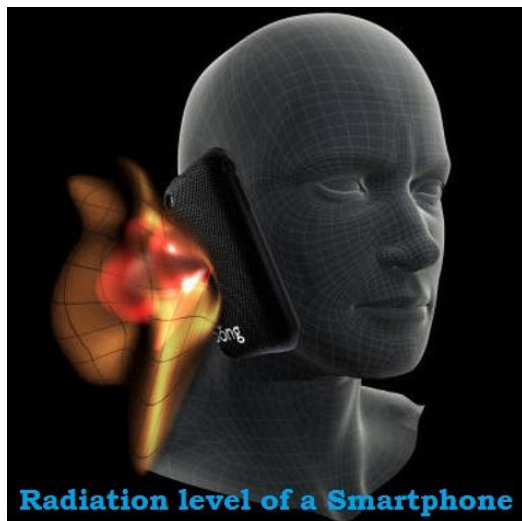@@@@@@@@@@

MNP Status of Tamil Nadu and Chennai Telecom Circle for the month of OCT-2014

	OCT 2014				So far upto OCT 2014			
	Port In	Port Out	Gain/Loss	Ratio	Port In	Port Out	Gain/Loss	Ratio
TNCBT	905	896	9	1.01	52405	30210	22195	1.73
TNCDL	322	351	-29	0.92	17072	13792	3280	1.24
TNCRD	181	228	-47	0.79	11307	8872	2435	1.27
TNDPI	244	434	-190	0.56	15062	14303	759	1.05
TNERD	494	504	-10	0.98	24641	15432	9209	1.6
TNKKD	150	343	-193	0.44	8723	11253	-2530	0.78
TNMDU	349	672	-323	0.52	25930	27577	-1647	0.94
TNNGC	719	388	331	1.85	33610	12887	20723	2.61
TNNIL	147	81	66	1.81	6358	3481	2877	1.83
TNPY	209	209	0	1	9383	7597	1786	1.24
TNSLM	807	812	-5	0.99	42256	26222	16034	1.61
TNTNJ	167	228	-61	0.73	10169	10078	91	1.01
TNTR	292	561	-269	0.52	15527	23552	-8025	0.66
TNTT	202	295	-93	0.68	12464	12314	150	1.01
TNTVL	960	540	420	1.78	46706	16085	30621	2.9
TNVGR	173	335	-162	0.52	13340	11471	1869	1.16
TNVLR	297	636	-339	0.47	17384	22216	-4832	0.78
TN CIRCLE TOTAL	6618	7513	-895	0.88	362337	267342	94995	1.36
CH CIRCLE TOTAL	475	2253	-1778	0.21	27515	93041	-65526	0.3
GRAND TOTAL	7093	9766	-2673	0.73	389852	360383	29469	1.08

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Check Radiation level (SAR) of your Smartphone by USSD code *#07#

Radiation level of a Smartphone

*#07#

Smartphone has so much penetrated in our daily life that now no one can think of without it. Excessive use of smartphone may cause health problems but if you are even using less a smartphone with bad SAR, that is most dangerous.

Here SAR stands for Specific Absorption Rate which is a measure of the amount of radio frequency energy absorbed by the body when using a mobile phone. Federal Communications Commission (FCC) has adopted limits for safe exposure to radio frequency (RF) energy which is 1.6 watts per kilogram (1.6 W/kg). Any smartphone at or below this SAR levels is "safe" to use.

You can check Radiation level in terms of SAR of your smartphone by dialing a USSD code *#07#, if results shows SAR below 1.6 watts per kilogram (1.6 W/kg) then it is OK otherwise you are advised to change your smartphone immediately.

Here are SAR level of some popular smartphones in the market.

•   iPhone 6:>> 1.59 W/kg

•   LG G3:>> 0.99 W/kg

•   LG G2:>> 1.44 W/kg

•   Samsung Galaxy Note 2:>> 0.42 W/kg

•   Samsung Galaxy Note 3:>> 1.07 W/kg

- Samsung Galaxy Note 4:>> 1.20 W/kg

- Samsung Galaxy S5:>> 1.28 W/kg

- HTC One (M8):>> 1.29 W/kg

Interestingly iPhone 6 have just 0.01 below the threshold level of SAR.

In addition to radiation level you must know about following important USSD codes to get more information of your smartphone.

##4636#*#* : It gives a lot of information of smartphone under following four categories.

- Phone Information : It shows IMEI, Signal strength etc

- Battery Information: It shows battery status, level, health, voltage, temperature, technology and time since boot.

- Usage statistics: it shows how may times and how much time every app on your smartphone you have used. Interestingly WhatsApp is on top of the list on my smartphone. Am I using WhatsApp the most !!

- Wi-Fi information: It shows Wi-Fi API, config and status

*#06# : It shows the IMEI number of your phone which is a 15 digit unique number for your phone, basically it is Social Security number of your phone. Sometimes when typing in *#06# it will add an additional 2 digits at the end. The first 15 digits shown before any space or dash is your IMEI. Note down IMEI number of your phone in your diary, it is very useful when your phone got stolen.

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Villagers to use Broadband at Gram Panchayat at 10Mbps speed

Under the prestigious project of Govt of India, almost 2.50 lakh Gram Panchayat are being connected on optical fiber to provide multiple of services to villagers. A common service center (CSC) will also being setup at which villagers can use telecom facilities.

BSNL today has announced an exclusive Broadband plan for these CSCs at GramPanchayat level where users will use Internet at high speed, up to 10Mbps download speed at very nominal charges, to be decided at CSC level.

BSNL will provide Broadband Plan Fibro ULD 7225_GP-NOFN on fiber for a monthly rental of Rs 7225 to CSCs and under this plan, Unlimited data may be used without any FUP at download speed up to 10Mbps flat. There is also annual payment option by which Gram Panchayat may deposit total Rs 79475 for full one year. This plan will be available starting from 5-November-2014 across the country.

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