

- (iv) Improving the quality of service by providing more customer service centers, prompt customer care, poleless connections etc.
- (v) Offering high speed broadband on wireline and providing Value Added Services like IPTV.
- (vi) CDR based billing is being introduced to improve all billing problems and provide detailed and single bill to customers for various services.
- (vii) Replacement of old telephony switches by State-of-the-art Next Generation Network Switches providing various value added services in landline.
- (viii) Introducing Fixed Mobile Convergence to add value to wireline connections.
- (ix) Providing new CLIP enabled instruments to subscribers.

**Wireless:**

- (i) Matching and innovative tariff plans and other subscriber friendly schemes are being launched by BSNL.
- (ii) Constant monitoring of network to improve the Quality of Service.
- (iii) Launching of new services and bundling schemes in the network for retention of the subscribers.
- (iv) Improving mobile coverage by expansion of existing network and covering new areas.
- (v) BSNL has planned to provide 20 million Mobile connections in 2010-11.

**3G communications system**

303. SHRI SHANTARAM LAXMAN NAIK: Will the Minister of COMMUNICATIONS AND INFORMATION TECHNOLOGY be pleased to state:

- (a) whether 3G communications system has been commissioned in the country;
- (b) if not, which are the cities/towns where the system has started functioning;
- (c) the facilities provided under the 3G network system;
- (d) by what date, the State of Goa is likely to get the facility; and
- (e) the details thereof?

THE MINISTER OF STATE IN THE MINISTRY OF COMMUNICATIONS AND INFORMATION TECHNOLOGY (SHRI GURUDAS KAMAT): (a) and (b) Yes, Sir. Bharat Sanchar Nigam Limited (BSNL) has launched 3G services in 318 cities till January 2010. Details are given in the Statement (See below).

(c) Besides normal voice call and normal 2G related facilities 3G network provides the following additional facilities:

- Video Calling
- Video Conferencing

- Mobile TV
- Mobile Broadband
- Video On Demand
- Video Streaming
- On Line Games
- Full Track Music Download

(d) BSNL has planned to launch 3G services in Goa by 31.03.2010.

(e) Initially Panjim, Mapuca, Ponda, Madgaon & Vasco cities will be covered with the 3G Services.

**Statement**

*List of cities where 3G services have been launched by  
BSNL as on January 2010*

UAL		19	Pauri
1	Dehradun	PB	
2	Haldwani	20	Jalandhar
3	Nainital	21	Amritsar
4	Rishikesh	22	Pathankot
5	Mussoorie	23	Kapurthala
6	Haridwar	24	Bhatinda
7	Uttarkashi	25	Gurdaspur
8	Tehri	26	Mansa
9	Kashipur	27	Nawashahr
10	Rudrapur	28	Hoshiarpur
11	Almora	29	Panchkula
12	Roorkee	30	Asr Airport
13	Vikasnagar	31	Mohali
14	Bageshwar	32	Patiala Spl Zone
15	Srinagar	33	Patiala
16	Pithoragarh	34	Fatehgarh Sahib
17	Champawat	35	Chandigarh
18	Kotdwar		

36	Ludhiana	64	Rohtak
37	Ropar	65	Bhiwani
38	Moga	66	Kalka
J&K		JKD	
39	Jammu*	67	Ranchi
HP		68	Dhanbad
40	Shimla	69	Jamshedpur
41	Solan	70	Bokaro
42	Mandi	71	Ramgarh
43	Dharamsala	72	Latehar
44	Palampur	73	Simdega
45	Chamba	74	Khunti
46	Nahan	ASM	
47	Baddi	75	Guwahati
48	Kullu	CAL	
49	Manali	76	Kolkata
50	Hamirpur	ORI	
51	Keylong	77	Bhubneshwar
HRY		78	Puri
52	Bahadurgarh	79	Cuttack
53	Jind	80	Jharsuguda
54	Ambala	81	Khurda & Jatni
55	Karnal	82	Berhampur
56	Kurukshetra	83	Bolangir
57	Hisar	84	Anugul
58	Hansi	85	Talcher
59	Sonepat	86	Kaniha
60	Sirsa	87	Bhawani Patna
61	Kaithal	88	Dhenkhal
62	Panipat	89	Parala Khemundi
63	Fatehabad	90	Koraput

91	Sambalpur *	122	Sriganganagar
92	Sonepur	123	Sawai Madhopur
93	Baragarh	124	Karoli
94	Deogarh	125	Churu
95	Nayagarh	126	Baran
96	Jagatsinghpur	127	Hanumangarh
97	Chhatarpur	128	Kankroli
98	Kendrapada	129	Ajmer
99	Malkangiri	130	Kishangarh
100	Nowrangpur	131	Alwar
101	Rourkela	132	Balotra
102	Sundergarh	133	Bharatpur
103	Nuapada	134	Dhaulpur
104	Jajpur Road	135	Jhunjhunu
105	Ravagada	136	Sikar
106	Phulbani	137	Bundi
107	Boudh	138	Sirohi
108	Pradeep	139	Tonk
RJ		140	Bhilwara
109	Jaipur	141	Makrana
110	Jodhpur	142	Jalor
111	Udaipur	143	Barmer
112	Kota	144	Jhalawar
113	Bikaner	145	Mount Abu
114	Jaisalmer	NE-II	
115	Dausa	146	Kohima *
116	Nagaur	147	Dimapur *
117	Pali	NE-I	
118	Chittaurgarh	148	Shillong
119	Rawatbhata	149	Agartala
120	Banswara	150	Aizawl
121	Dungarpur	151	Kolasib

152	Lunglei	182	Samastipur
153	Champhai	183	Bhabhua
A&N		184	Bikramganj
154	Port Blair	185	Dalmianagar
BH		186	Sasaram
155	Patna	187	Purnia
156	Saharsa	188	Khagaria
157	Bhagalpur	189	Naratiaganj
158	Gaya	190	Ramnagar
159	Hazipur	191	Bagaha
160	Kaithar	192	Bettiah
161	Muzaffarpur	193	Banka
162	Motihari	194	Madhubani
163	Munger	195	Jehanabad
164	Darbhanga	196	Mahnar
165	Supaul	197	Araria
166	Arrah	198	Sheikhpura
167	Buxar	199	Sheohar
168	Barauni	200	Rajgir
169	Begusarai	201	Biharsharif
170	Kahalgaon	202	Barh
171	Aurangabad	203	Nawada
172	Bodh Gaya	WB	
173	Jamui	204	Durgapur
174	Jamalpur	205	Haldia
175	Lakhisarai	206	Behrampur
176	Sitamarhi	207	Asansol
177	Madhepura	208	Burdwan
178	Chapra	209	Midnapur
179	Gopalganj	210	Krishnagar
180	Siwan	211	Diamond Harbour
181	Kishanganj	212	Basirhat

213	Bangaon	244	Khalilabad
214	Contai	245	Azamgarh
215	Bolpur	246	Mau
216	Tamluk	247	Gorakhpur
217	Suri	248	Ghazipur
218	Jalpaiguri	249	Jaunpur
219	Raniganj	250	Maharaj Ganj
220	Ranaghat	251	Allahabad
221	Bishnupur	252	Baharich
222	Bankura	253	Barabanki
223	Gangtok	254	Bhinga
224	Purulia	255	Padrauna
225	Habra	256	Deoria
226	Balurghat	257	Akbarpur
227	Raiganj	258	Faizabad
228	Coochbehar	259	Tanda NTPC
229	Alipurduar	260	Gonda
230	Namchi	261	Balrampur
231	Mangan	262	Gida
232	Gazying	263	Hardoi
233	Malda	264	Jhansi
234	Siliguri	265	Farrukhabad
235	Faraka-NTPC	266	Kannauj
236	Mayapur	267	Rae Bareli
237	Jaigaon	268	Unchahar NTPC
238	Khejuriaghat	269	Robertsganj
UP East		270	Shaktinagar
239	Lucknow	271	Pipari
240	Kanpur	272	Rihandnagar
241	Varanasi	273	Mirzapur
242	Basti	274	Obra
243	Tetri Bazar	275	Amethi

276	Jagdishpur	299	Bijnor
277	Sultanpur	300	Bareilly
278	Korwa	301	Pilibhit
279	Ballia	302	Etawah
280	Mughalsarai	303	Mathura
281	Ambedkar Nagar	304	Vrindawan
282	Orai	305	Badaun
283	Unnao	CHH	
284	Fatehpur	306	Chennai
285	Banda	Kerala	
286	Karwi	307	Kannur
287	Hamirpur	308	Kasargod
288	Mahoba	309	Mahe
289	Bhadohi	310	Trichur
290	Pratapgarh	311	Chavakkad
291	Manjhanpur	312	Malappuram
292	Shahjahanpur	313	Kollam
293	Lalitpur	314	Pathanamthitta
294	Lakhimpur	315	Kottayam
295	Sitapur	316	Calicut
UP West		TN	
296	Agra	317	Coimbatore
297	Meerut	318	Coonor
298	Etah (UPW)		

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\* Soft launch of 3G services. Commercial launch will follow