

USOF supported Intra-District SDHQ – DHQ OFC network for transport of rural/remote area traffic on bandwidth sharing basis.

1. **General Information:** BSNL has been awarded work of setting up of Intra-District SDHQ – DHQ OFC network for transport of rural/remote area traffic on bandwidth sharing basis in Assam Licensing Area by Universal Service Obligation Funds (USOF). For setting up of the Network, an agreement has been signed between BSNL and USOF. The Agreement is valid for seven years from the effective date. As per this Agreement, SDHQ – DHQ connectivity is to be provided in all the 27 Districts covering 323 nodes consisting of District Headquarters (DHQ), Sub Divisional Headquarters (SDHQs) and few en-route locations. The complete Network has been rolled out by 31st December-2018.
2. **Network Details :** The network shall consist of 24 Fibre, G.652, optical fibre cable, Add-Drop Multiplexing equipment (STM-16) conforming to ITU-T Standards shall be installed at all nodes. Most of the stations shall be covered with self healing rings.
3. **Sharing the bandwidth with other telecom operators :**
 - a) A maximum of 30% of the total bandwidth created under this network shall be utilised by BSNL for transporting its own traffic. The remaining bandwidth (minimum 70%) is to be shared with other licensed telecom operators for providing services to rural / remote areas at subsidised rates. The bandwidth shall be provided on lease from SDHQ -SDHQ, having both end nodes in the same district or different districts.
 - b) During the validity of the Agreement, BSNL shall provide bandwidth to other licensed telecom operators at a rate not more than 26.22% of the current TRAI ceiling tariffs prescribed in TRAI tariff notification of 21st April 2005.
4. **Present Status of Network :** At present, network has been completely rolled-out in 27 Districts. In all 323 nodes have been connected. The details are given below:

a) **Districts completed:**

Sl. No.	Name of District	Total Nodes	Nodes completed
1	Barpeta	21	21
2	Baksa	6	6
3	Bongaigaon	8	8
4	Cachar	20	20
5	Chirang	4	4
6	Darrang	9	9
7	Dheemaji	7	7
8	Dhubri	15	15
9	Dibrugarh	12	12
10	Goalpara	14	14
11	Golaghat	12	12
12	Hailakandi	7	7
13	Jorhat	12	12
14	Kamrup (Metro)	2	2
15	Kamrup (Rural)	25	25
16	Karbi Anglong	17	17
17	Karimganj	8	8
18	Kokrajhar	10	10
19	Lakhimpur	14	14
20	Marigaon	10	10
21	Nagaon	24	24
22	Nalbari	9	9
23	North Cachar	8	8

24	Udalguri	7	7
25	Sibsagar	14	14
26	Sonitpur	17	17
27	Tinsukia	11	11
Total		323	323

b) **List of nodes connected in the Network (as on 31.12.2018): 323**

5. Contact Point Details: The requirement of bandwidth may be submitted to :- Officer In-charge, Network Co-ordination Unit, GM (CFA), Assam Telecom Circle, ARB Road, Panbazar, Guwahati -781001. Phone 0361-2736310, FAX: 2540111; e-mail: gmcfassam@bsnl.co.in

USOF supported Intra-District SDHQ – DHQ OFC network for transport of rural/remote area traffic on bandwidth sharing basis.

List of nodes connected in the Network

Sl.	District	Name of Node	Type of Node
1	Baksa	Mushalpur	DHQ
2	Baksa	Baska	SDHQ
3	Baksa	Tamulpur	SDHQ
4	Baksa	Dhamdhama (Part)	SDHQ
5	Baksa	Nagriajuli	SDHQ
6	Baksa	Barigog Banbhag (Part)	SDHQ
7	Barpeta	Barpeta	DHQ
8	Barpeta	Sarthebari	SDHQ
9	Barpeta	Chenga	SDHQ
10	Barpeta	Tarabari	Additional Location
11	Barpeta	Mandia	SDHQ
12	Barpeta	Baghbor	SDHQ
13	Barpeta	Howli	Additional Location
14	Barpeta	Barnagar (Barpeta) Road)	SDHQ
15	Barpeta	Sarupeta	SDHQ
16	Barpeta	Padshala	Additional Location
17	Barpeta	Patacharkuchi	Additional Location
18	Barpeta	Bajali	SDHQ
19	Barpeta	Jalah	SDHQ
20	Barpeta	Sorbhag	Enroute Location
21	Barpeta	Chakalka (Raha)	SDHQ
22	Barpeta	Rupsi (Kalgachia)	SDHQ
23	Barpeta	Bhawanipur	SDHQ
24	Barpeta	Gulfamari	SDHQ
25	Barpeta	Sarukhetri	SDHQ
26	Barpeta	Gobarthana	SDHQ
27	Barpeta	Kayakuchi	Phase 2 site
28	Bongaigaon	Bongaigaon	DHQ
29	Bongaigaon	Manikpur	SDHQ
30	Bongaigaon	Boitamari	SDHQ
31	Bongaigaon	Jogighopa	Enroute Location
32	Bongaigaon	Tapattori	SDHQ
33	Bongaigaon	Abhyapuri	Enroute Location
34	Bongaigaon	Dangtal	Enroute Location
35	Bongaigaon	Srijangram	SDHQ
36	Cachar	Silchar	DHQ
37	Cachar	Lakhipur	SDHQ
38	Cachar	Binnakandi	SDHQ
39	Cachar	Sonimukh	SDHQ
40	Cachar	Palanghat	SDHQ
41	Cachar	Dholai	Enroute Location

Sl.	District	Name of Node	Type of Node
42	Cachar	Narsinghpur	SDHQ
43	Cachar	Silkuri	Additional Location
44	Cachar	Barjalenga	SDHQ
45	Cachar	Tapang	SDHQ
46	Cachar	Srikona	SDHQ
47	Cachar	Salchapra	SDHQ
48	Cachar	Katigorah	SDHQ
49	Cachar	Kaksin	SDHQ
50	Cachar	Barakhola	SDHQ
51	Cachar	Udalbard	SDHQ
52	Cachar	Salgange	Enroute Location
53	Cachar	Kumbhir	Enroute Location
54	Cachar	Raja Bazar	SDHQ
55	Cachar	Banaskandi	SDHQ
56	Chirang	Chirang (Sidli)	DHQ
57	Chirang	Dhaligaon	SDHQ
58	Chirang	Basugaon	SDHQ
59	Chirang	Bijni	SDHQ
60	Darrang	Mangaldai	DHQ
61	Darrang	Dalgaon	SDHQ
62	Darrang	Bechimari	SDHQ
63	Darrang	Rowta	Enroute Location
64	Darrang	Harisingha	SDHQ
65	Darrang	Tangla	Enroute Location
66	Darrang	Kalaigaon	SDHQ
67	Darrang	Sipajhar	SDHQ
68	Darrang	Patnurghat	SDHQ
69	Dhemaji	Dhemaji	DHQ
70	Dhemaji	Sisi Bargaon	Enroute Location
71	Dhemaji	Jonai	SDHQ
72	Dhemaji	Dijmur	Enroutr Location
73	Dhemaji	Murkong Selek	SDHQ
74	Dhemaji	Bardolini	SDHQ
75	Dhemaji	Machkhowa (Dakhin) Jurkata	SDHQ
76	Dhubri	Dhubri	DHQ
77	Dhubri	Gauripur	SDHQ
78	Dhubri	Golakganj	SDHQ
79	Dhubri	Agamani	SDHQ
80	Dhubri	Rupsi	SDHQ
81	Dhubri	Matrichar	Additional Location
82	Dhubri	Bagribari	SDHQ
83	Dhubri	Bilasipara	SDHQ
84	Dhubri	Chapar	SDHQ
85	Dhubri	Nayakgaon	Additional Location
86	Dhubri	Mahamaya	SDHQ
87	Dhubri	Tamarhat	SDHQ

Sl.	District	Name of Node	Type of Node
88	Dhubri	Fekkamari (Kathalbari)	SDHQ
89	Dhubri	Manakchar	SDHQ
90	Dhubri	Devitola	Phase 2 site
91	Dibrugarh	Dibrugarh	DHQ
92	Dibrugarh	Lakhowal	SDHQ
93	Dibrugarh	Tengakhat	SDHQ
94	Dibrugarh	Nahorkatiya	SDHQ
95	Dibrugarh	Tingkhong	Enroute location
96	Dibrugarh	Moranhat	SDHQ
97	Dibrugarh	Khowang	SDHQ
98	Dibrugarh	Barbaru	SDHQ
99	Dibrugarh	Jaipur	SDHQ
100	Dibrugarh	Namrup	Enroute Location
101	Dibrugarh	Chabua	SDHQ
102	Dibrugarh	Panitola	SDHQ
103	Goalpara	Goalpara	DHQ
104	Goalpara	Agia	Additional location
105	Goalpara	Balijana	SDHQ
106	Goalpara	Lakhipur	SDHQ
107	Goalpara	Kharmauja	SDHQ
108	Goalpara	Jaleswar	SDHQ
109	Goalpara	Krishnai	SDHQ
110	Goalpara	Kushdhaow (Dudnai)	SDHQ
111	Goalpara	Rangjuli	SDHQ
112	Goalpara	Simlitola	Additional Location
113	Goalpara	Dalgoma	Additional Location
114	Goalpara	Matia	SDHQ
115	Goalpara	Dudnai (Dhupdhara)	SDHQ
116	Goalpara	Kuchdowa	Phase 2 site
117	Golaghat	Golaghat	DHQ
118	Golaghat	Sarupathar	SDHQ
119	Golaghat	Furkating	Enroute location
120	Golaghat	Khumtai	SDHQ
121	Golaghat	Kakadanga	SDHQ
122	Golaghat	Balijan	Enroute location
123	Golaghat	Deragaon	SDHQ
124	Golaghat	Numaligarh	Enroute location
125	Golaghat	Morongi	SDHQ
126	Golaghat	Bokakhat	SDHQ
127	Golaghat	Gomaiguri	SDHQ
128	Golaghat	Podumoni	Phase 2 site
129	Hailakandi	Hailakandi	DHQ
130	Hailakandi	Lala	SDHQ
131	Hailakandi	Katlichara	SDHQ
132	Hailakandi	Manipur	Enroute location
133	Hailakandi	Jamira	Enroute location

Sl.	District	Name of Node	Type of Node
134	Hailakandi	Algapur	SDHQ
135	Hailakandi	South Hailakandi	SDHQ
136	Jorhat	Jorhat	DHQ
137	Jorhat	Majuli (Kamlabari)	SDHQ
138	Jorhat	Bongaon (Ujani Majuli)	SDHQ
139	Jorhat	Nayabazar	SDHQ
140	Jorhat	Jengraimukh	SDHQ
141	Jorhat	Kakojan	Enroute location
142	Jorhat	Teok	SDHQ
143	Jorhat	Selenghat	Additional Location
144	Jorhat	Nakachari – EAST Jorhat	SDHQ
145	Jorhat	Mariani	Additional Location
146	Jorhat	Chapari	SDHQ
147	Jorhat	Titabar	SDHQ
148	Kamrup (Rural)	Guwahati	DHQ
149	Kamrup (Rural)	Amingaon	Enroute location
150	Kamrup (Rural)	Kamalpur	SDHQ
151	Kamrup (Rural)	Rangia	SDHQ
152	Kamrup (Rural)	Goreswar	SDHQ
153	Kamrup (Rural)	Loch	Enroute Location
154	Kamrup (Rural)	Bezera	SDHQ
155	Kamrup (Rural)	North Guwahati	SDHQ
156	Kamrup (Rural)	Hajo	SDHQ
157	Kamrup (Rural)	Sualkuchi	SDHQ
158	Kamrup (Rural)	Palasbari	SDHQ
159	Kamrup (Rural)	Rampur	SDHQ
160	Kamrup (Rural)	Chhayagaon	SDHQ
161	Kamrup (Rural)	Boko	SDHQ
162	Kamrup (Rural)	Chamaria	SDHQ
163	Kamrup (Rural)	Nagarbera	SDHQ
164	Kamrup (Rural)	Singra	Additional Location
165	Kamrup (Rural)	Chandrapur	SDHQ
166	Kamrup (Rural)	Dimoria (Bijni)	SDHQ
167	Kamrup (Rural)	Sonapur	SDHQ
168	Kamrup (Rural)	Goriamari (Tukurpara)	SDHQ
169	Kamrup (Rural)	Bangaon (Samuka)	SDHQ
170	Kamrup (Rural)	Ranigondam	SDHQ
171	Kamrup (Rural)	Chhayani-barduar (Barduar)	SDHQ
172	Kamrup (Rural)	Bhidia-Jajikona	SDHQ
173	Kamrup Metro	Guwahati	DHQ
174	Kamrup Metro	Rani (Part)	SDHQ
175	Karbianglong	Diphu	DHQ
176	Karbianglong	Bokajan	SDHQ
177	Karbianglong	Barpathar	Additional Location
178	Karbianglong	Silonijan	SDHQ
179	Karbianglong	Longsumepi	SDHQ

Sl.	District	Name of Node	Type of Node
180	Karbianglong	Nilip (Patargaon)	SDHQ
181	Karbianglong	Phuloni	SDHQ
182	Karbianglong	Samelungso	SDHQ
183	Karbianglong	Howraghat	SDHQ
184	Karbianglong	Chinthong	SDHQ
185	Karbianglong	Baitha Langso	SDHQ
186	Karbianglong	Rongkhong	SDHQ
187	Karbianglong	Rongmongwa	SDHQ
188	Karbianglong	Kaliani	SDHQ
189	Karbianglong	Jirkinding	SDHQ
190	Karbianglong	Amrikhat	SDHQ
191	Karbianglong	Sarh-ed	SDHQ
192	Karimganj	Karimganj	DHQ
193	Karimganj	Nilambazar	SDHQ
194	Karimganj	Patharkandi	SDHQ
195	Karimganj	Ramkrishan Nagar	SDHQ
196	Karimganj	Dulabcherra	SDHQ
197	Karimganj	Badarpur	SDHQ
198	Karimganj	Lowari Poa	SDHQ
199	Karimganj	Kaliganj	Phase 2 site
200	Kokrajhar	Kokrajhar	DHQ
201	Kokrajhar	Garubassa	Enroute location
202	Kokrajhar	Kochugaon	SDHQ
203	Kokrajhar	Gossaigaon	SDHQ
204	Kokrajhar	Bhowraguri	SDHQ
205	Kokrajhar	Sidli-I	SDHQ
206	Kokrajhar	Bijni	SDHQ
207	Kokrajhar	Basugaon	SDHQ
208	Kokrajhar	Dotoma	SDHQ
209	Kokrajhar	Hatidhura	SDHQ
210	Lakhimpur	North Lakhimpur	DHQ
211	Lakhimpur	Naobaicha	SDHQ
212	Lakhimpur	Nij Laluk	Enroute location
213	Lakhimpur	Bihpuria	SDHQ
214	Lakhimpur	Dikrang	Enroute location
215	Lakhimpur	Bachgaon	Enroute location
216	Lakhimpur	Narayanpur	SDHQ
217	Lakhimpur	Telahi	SDHQ
218	Lakhimpur	Kadam	SDHQ
219	Lakhimpur	Bognadi	SDHQ
220	Lakhimpur	Bardaloni	SDHQ
221	Lakhimpur	Dhakhukhana	SDHQ
222	Lakhimpur	Ghilamora	SDHQ
223	Lakhimpur	Sobansiri	SDHQ
224	Marigaon	Marigaon	DHQ
225	Marigaon	Mayong	SDHQ

Sl.	District	Name of Node	Type of Node
226	Marigaon	Bhuragaon	SDHQ
227	Marigaon	Loharighat	SDHQ
228	Marigaon	Moirabari	SDHQ
229	Marigaon	Mikribeta	SDHQ
230	Marigaon	Dulonghat(Niz-charai-bhai)	SDHQ
231	Marigaon	Jagi Road	Additional Location
232	Marigaon	Kapili (Barsila)	SDHQ
233	Marigaon	Batatdrava	SDHQ
234	N C Hills	Halflong	DHQ
235	N C Hills	Halflong Hill	SDHQ
236	N C Hills	Mahur	SDHQ
237	N C Hills	Maibong	SDHQ
238	N C Hills	Harangajao	SDHQ
239	N C Hills	Dinyangbra	SDHQ
240	N C Hills	Umrangsu	SDHQ
241	N C Hills	Sangbar	SDHQ
242	Nagaon	Nagaon	DHQ
243	Nagaon	Pakhimura(Niz-pakhimura)	SDHQ
244	Nagaon	Kaithiatali	SDHQ
245	Nagaon	Binakandi (Dabaka)	SDHQ
246	Nagaon	Udali	SDHQ
247	Nagaon	Lankapatri	SDHQ
248	Nagaon	Lumding	SDHQ
249	Nagaon	Dal-pukhuri	SDHQ
250	Nagaon	Hojai	SDHQ
251	Nagaon	Kampur	SDHQ
252	Nagaon	Chaparmukh	Enroute location
253	Nagaon	Kapili Raha	SDHQ
254	Nagaon	Jugijan	SDHQ
255	Nagaon	Batatdrava(Dhupa Girigaon)	SDHQ
256	Nagaon	Dhing	SDHQ
257	Nagaon	Bahrampur	SDHQ
258	Nagaon	Rupohi	SDHQ
259	Nagaon	Juria	SDHQ
260	Nagaon	Laokhowa	SDHQ
261	Nagaon	Silghat	Enroute location
262	Nagaon	Kwaritol	SDHQ
263	Nagaon	Paschim Taliabar (Misa)	SDHQ
264	Nagaon	Samaguri (Bajiagaon)	SDHQ
265	Nagaon	Koliahor	SDHQ
266	Nalbari	Nalbari	DHQ
267	Nalbari	Madhupur	SDHQ
268	Nalbari	Barkhetri	SDHQ
269	Nalbari	Belsor(Paschim Nalbari)	SDHQ
270	Nalbari	Tihu	SDHQ
271	Nalbari	Barama	SDHQ

Sl.	District	Name of Node	Type of Node
272	Nalbari	Ghoghrapar (Barigog Bonbhag)	SDHQ
273	Nalbari	Barbhag (Kamarkuchi)	SDHQ
274	Nalbari	Digheli	SDHQ
275	Sibsagar	Sibsagar	DHQ
276	Sibsagar	Gauri Sagar	SDHQ
277	Sibsagar	Amguri	SDHQ
278	Sibsagar	Namtiali	Enroute location
279	Sibsagar	Nazira	SDHQ
280	Sibsagar	Simalguri	Enroute location
281	Sibsagar	Lakwa	SDHQ
282	Sibsagar	Bhojo	Enroute location
283	Sibsagar	Barhat	Enroute location
284	Sibsagar	Sapelkhati	SDHQ
285	Sibsagar	Sonari	SDHQ
286	Sibsagar	Mathurapur(Paschim Abhyapur)	Additional Location
287	Sibsagar	Dimow	SDHQ
288	Sibsagar	Mahorama (Moranhat)	SDHQ
289	Sonitpur	Tezpur	DHQ
290	Sonitpur	Balipara	SDHQ
291	Sonitpur	Rangapara	SDHQ
292	Sonitpur	Dhekiajuli	SDHQ
293	Sonitpur	Bihuguri	Additional Location
294	Sonitpur	Charduar	SDHQ
295	Sonitpur	Borchola	SDHQ
296	Sonitpur	Dholabil	Enroute location
297	Sonitpur	Takhola	SDHQ
298	Sonitpur	Jamguri	SDHQ
299	Sonitpur	Chutia	SDHQ
300	Sonitpur	Biswanath	SDHQ
301	Sonitpur	Behali	SDHQ
302	Sonitpur	Helem	SDHQ
303	Sonitpur	Gohpur	SDHQ
304	Sonitpur	Baghmara (No. 2 Gorai mari)	SDHQ
305	Sonitpur	Gabharu (Baghetapu)	SDHQ
306	Tinsukia	Tinsukia	DHQ
307	Tinsukia	Makum	Enroute Location
308	Tinsukia	Hapjan	SDHQ
309	Tinsukia	Dum Duma	SDHQ
310	Tinsukia	Philobari	Additional Location
311	Tinsukia	Pengri	Additional Location
312	Tinsukia	Margherita	SDHQ
313	Tinsukia	Digboi	Enroute Location
314	Tinsukia	Shaikoghat	SDHQ
315	Tinsukia	Guijan	SDHQ
316	Tinsukia	Itakhuli	SDHQ

Sl.	District	Name of Node	Type of Node
317	Udalguri	Udalguri	DHQ
318	Udalguri	Mazbat	SDHQ
319	Udalguri	Khoirabari	SDHQ
320	Udalguri	Bhergaon	SDHQ
321	Udalguri	Rowta Chariali	SDHQ
322	Udalguri	Pub-Mangaldai	SDHQ
323	Udalguri	Pachim- Mangaldai	SDHQ