

ANNEX 7

SWITCHING SYSTEM

Annex 7

Switching System

7.1	Switching Facilities Plan - Capacity in Operation	2
7.2	Existing Switching Facilities in 2001	20

7.1 Switching Facilities Plan - Capacity in Operation

No	AIMAG	Switch Capacity in Operation																			
		2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
1	ARKHANGAI																				
1	1 Aimag Centre	1,348	1,348	1,348	4,580	4,820	5,060	5,300	5,540	5,810	6,070	6,340	6,600	6,870	7,240	7,600	7,970	8,330	8,700	9,060	9,430
1	2 Battsengel	50	50	50	50	260	260	260	260	260	260	260	260	260	260	260	260	260	260	260	260
1	3 Bulgan	16	16	16	16	16	16	16	120	120	120	120	120	120	120	120	120	120	120	120	120
1	4 Zagalant	48	48	48	48	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
1	5 Ikhnamir	16	16	16	16	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240
1	6 Ulgiiuur	12	12	12	12	12	12	12	120	120	120	120	120	120	120	120	120	120	120	120	120
1	7 Ulziiit	16	16	16	16	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
1	8 Undur-Ulaan	20	20	20	20	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200
1	9 Tariat	48	48	48	48	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220
1	10 Tuvshruuleh	40	40	40	330	330	330	330	330	330	330	330	330	330	330	330	330	330	330	330	330
1	11 Tsakhir	0	0	0	0	0	0	0	0	100	100	100	100	100	100	100	100	100	100	100	100
1	12 Tsenkher	20	20	20	20	20	20	180	180	180	180	180	180	180	180	180	180	180	180	180	180
1	13 Tsetserleg	48	48	48	48	48	48	170	170	170	170	170	170	170	170	170	170	170	170	170	170
1	14 Chubut	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48
1	15 Khairkhan	50	50	50	50	50	50	250	250	250	250	250	250	250	250	250	250	250	250	250	250
1	16 Khaagai	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
1	17 Khaashaat	0	0	0	0	0	0	0	0	90	90	90	90	90	90	90	90	90	90	90	90
1	18 Khoitont	50	50	50	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270
1	19 Erdememandal	48	48	48	48	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250
	Total of Sum Centres	550	550	1,060	1,060	2,324	2,324	2,806	3,018	3,208	3,208	3,208	3,400	3,400	3,400	3,400	3,400	3,400	3,400	3,400	3,400
	Aimag Total	1,898	1,898	1,898	5,640	7,144	7,384	8,106	8,558	9,018	9,278	9,548	10,000	10,270	10,640	11,000	11,370	11,730	12,100	12,460	12,830
2	BAYAN-ULGH																				
2	1 Aimag Centre	2,035	2,035	2,035	3,480	3,630	3,770	3,910	4,050	4,250	4,440	4,640	4,830	5,030	5,290	5,560	5,830	6,090	6,360	6,630	6,890
2	2 Altai	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48
2	3 Altaitsugts	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48
2	4 Bayannuur	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48
2	5 Bugat	0	0	0	0	0	0	0	0	100	100	100	100	100	100	100	100	100	100	100	100
2	6 Bulgan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	7 Buyant	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	8 Deluun	32	32	32	32	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140
2	9 Nogoonaar	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
2	10 Tolbo	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32
2	11 Ulaankhus	48	48	48	48	48	48	48	48	150	150	150	150	150	150	150	150	150	150	150	150
2	12 Sagasai	50	50	50	50	50	50	50	50	150	150	150	150	150	150	150	150	150	150	150	150
2	13 Tsengel	50	50	50	50	50	50	50	50	150	150	150	150	150	150	150	150	150	150	150	150
2	14 Khoigor	0	0	0	0	0	0	0	0	80	80	80	80	80	80	80	80	80	80	80	80
2	15 Tsagaanuur	50	50	50	50	50	50	180	180	180	180	180	180	180	180	180	180	180	180	180	180
	Total of Sum Centres	422	422	422	422	422	530	660	962	1,184	1,184	1,470	1,470	1,668	1,710	1,790	1,790	1,790	1,790	1,790	1,790
	Aimag Total	2,457	2,457	2,457	3,902	4,052	4,300	4,570	5,012	5,434	5,624	6,110	6,300	6,698	7,000	7,350	7,620	7,880	8,150	8,420	8,680

No.	AIMAG	Switch Capacity in Operation																			
		2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
3	BAYANKHONGGOR																				
3	1 Aimag Centre	1,600	1,600	1,600	3,930	4,090	4,250	4,410	4,570	4,790	5,010	5,230	5,440	5,660	5,960	6,270	6,570	6,870	7,170	7,470	7,770
3	2 Shargaljut	0	0	0	0	0	0	0	0	0	50	50	50	50	50	50	50	50	50	50	50
3	3 Ulzii	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48
3	4 Jinst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	5 Bogd	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48
3	6 Bayanlig	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48
3	7 Bayangobi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	8 Baantsagaan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	9 Bayantsagaan	48	48	48	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
3	10 Bayan-Undur	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48
3	11 Shinejinst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	12 Burnbugur	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	13 Buutsagaan	48	48	48	340	340	340	340	340	340	340	340	340	340	340	340	340	340	340	340	340
3	14 Khureemarl	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48
3	15 Bayanbulag	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	16 Gurbanbulag	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	17 Zag	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	18 Jargalant	48	48	48	340	340	340	340	340	340	340	340	340	340	340	340	340	340	340	340	340
3	19 Galut	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	20 Bayan-Oboo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	21 Erdenetsogt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total of Sum Centres	384	384	384	1,220	1,392	1,392	1,916	2,556	2,646	2,696	3,128	3,268	3,550	3,550	3,550	3,550	3,550	3,550	3,550	3,550
	Aimag Total	1,984	1,984	1,984	5,150	5,482	5,642	6,326	7,126	7,436	7,706	8,358	8,708	9,210	9,510	9,820	10,120	10,420	10,720	11,020	11,320

AIMAG		Switch Capacity in Operation																			
No.	Sum	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
BULGAN																					
1	Aimag Centre	1,384	1,384	1,384	1,690	1,760	1,830	1,900	1,970	2,060	2,160	2,250	2,350	2,440	2,570	2,700	2,830	2,960	3,090	3,220	3,350
2	Bayan-Agt	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48
3	Bayannuur	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
4	Bugat	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
5	Buregkhangai	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48
6	Gurbanbulag	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
7	Dashinchilen	50	50	50	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270
8	Mogod	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32
9	Orkhon	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48
10	Rashaant	50	50	50	310	310	310	310	310	310	310	310	310	310	310	310	310	310	310	310	310
11	Saikhhan	50	50	50	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
12	Selenge	50	50	50	280	280	280	280	280	280	280	280	280	280	280	280	280	280	280	280	280
13	Teshig	50	50	50	50	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
14	Khangal	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48
15	Khushi-Undur	50	50	50	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
16	Khutag	100	100	100	420	420	420	420	420	420	420	420	420	420	420	420	420	420	420	420	420
17	Khyaganat	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200
Total of Sum Centres		974	974	974	2,504	2,886	2,984	3,818	3,920	3,970	3,970	3,970	3,970	3,970	3,970	3,970	3,970	3,970	3,970	3,970	3,970
Aimag Total		2,358	2,358	2,358	4,194	4,646	4,814	5,718	5,890	6,030	6,130	6,220	6,320	6,410	6,540	6,670	6,800	6,930	7,060	7,190	7,320

No	AIMAG	Switch Capacity in Operation																			
		2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
5	GOBE-ALTAI																				
5	1 Aimag Centre	1,750	1,750	1,750	1,930	2,010	2,090	2,170	2,250	2,350	2,460	2,570	2,680	2,780	2,930	3,080	3,230	3,380	3,520	3,670	3,820
5	2 Altai	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48
5	3 Bayan-Uul	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48
5	4 Bayantoonoo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	5 Bigger	100	100	100	100	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220
5	6 Bugat	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
5	7 Darvi	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48
5	8 Delger	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48
5	9 Jargalan	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
5	10 Taishir	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	11 Tonkhil	100	100	100	100	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240
5	12 Tugrug	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48
5	13 Khaiun	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48
5	14 Khukhmort	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48
5	15 Tsogt	100	100	100	100	100	100	360	360	360	360	360	360	360	360	360	360	360	360	360	360
5	16 Tseel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	17 Chandmani	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48
5	18 Sharga	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
5	19 Erdene	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
5	20 Guulin	100	100	100	100	100	100	100	100	100	100	240	240	240	240	240	240	240	240	240	240
	Total of Sum Centres	916	916	916	916	1,378	1,512	1,772	1,924	2,054	2,094	2,416	2,590	2,694	2,694	2,726	2,726	2,770	2,810	2,810	2,810
	Aimags Total	2,666	2,666	2,666	2,846	3,388	3,602	3,942	4,174	4,404	4,554	4,986	5,270	5,474	5,624	5,806	5,956	6,150	6,290	6,480	6,630

No	AIMAG	Switch Capacity in Operation																			
		2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
No	Sum	1,650	1,650	1,650	1,700	1,760	1,830	1,900	1,970	2,070	2,160	2,260	2,350	2,440	2,570	2,700	2,830	2,960	3,090	3,220	3,350
6	DORNOGOVI																				
6	1 Aimag Centre	1,650	1,650	1,650	1,700	1,760	1,830	1,900	1,970	2,070	2,160	2,260	2,350	2,440	2,570	2,700	2,830	2,960	3,090	3,220	3,350
6	2 Aimag	50	50	50	50	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240
6	3 Altanshiree	100	100	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180
6	4 Dalaniargalan	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48
6	5 Delgerekh	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	6 Ikhkhet	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	7 Mandakh	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	8 Urgun	48	48	48	48	48	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120
6	9 Saikhandulaan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	10 Ulaanbodrakh	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	11 Khaianhuilag	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
6	12 Khuvsgui	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	13 Erdene	48	48	48	48	48	48	170	170	170	170	170	170	170	170	170	170	170	170	170	170
6	14 Zuambayan	200	200	200	440	440	440	440	440	440	440	440	440	440	440	440	440	440	440	440	440
6	15 Zamiin-Uud	300	300	300	640	640	640	640	640	1,040	1,040	1,040	1,040	1,040	1,040	1,040	1,040	1,040	1,040	1,040	1,040
6	16 Zulegt	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
6	17 Khaiaulaan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	18 Sulinkheer	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total of Sum Centres	894	894	894	1,474	1,664	1,736	1,938	2,400	2,400	2,580	2,760	2,760	2,760	2,850	2,850	2,850	2,850	2,850	2,890	2,920
	Aimag Total	2,544	2,544	2,544	3,174	3,424	3,566	3,838	3,908	4,470	4,740	5,020	5,110	5,200	5,420	5,550	5,680	5,810	5,940	6,110	6,270
7	DORNOD																				
7	1 Aimag Centre	2,227	2,227	2,227	2,227	2,227	2,227	2,227	2,227	2,227	2,227	2,290	2,390	2,490	2,620	2,750	2,880	3,010	3,140	3,280	3,410
7	2 Khaikhogol	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	3 Matad	16	16	16	16	16	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
7	4 Khulunbuir	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32
7	5 Bayantumen	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	6 Tsagaan-Ovoo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	7 Bayan-juul	0	0	0	0	0	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140
7	8 Bayandun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	9 Dashbalbar	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48
7	10 Gurbanzagal	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48
7	11 Kherlen /Choibalsan/	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48
7	12 Erentsav	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	13 Bulgan	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32
7	14 Sergelen	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
7	15 Sumber	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total of Sum Centres	240	240	240	240	440	614	614	614	768	806	806	806	806	806	806	844	844	844	880	900
	Aimag Total	2,467	2,467	2,467	2,467	2,667	2,841	2,841	2,841	2,995	3,033	3,096	3,196	3,296	3,426	3,556	3,724	3,854	4,120	4,300	4,430

No	AIMAG	Switch Capacity in Operation																			
		2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
8	DUNDGOBI																				
8	1 Aimag Centre	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,510	1,570	1,650	1,730	1,820	1,900	1,980	2,060	2,150	
8	2 Adatsag	48	48	48	48	48	48	48	48	48	48	48	48	100	100	100	100	100	100	100	
8	3 Delgersoigt	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
8	4 Deren	100	100	100	100	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	
8	5 Gobi-Ugtaal	100	100	100	100	100	100	100	100	150	150	150	150	150	150	150	150	150	150	150	
8	6 Gurbansaktan	50	50	50	50	50	90	90	90	90	90	90	90	90	90	90	90	90	90	90	
8	7 Tsagaan-delger	48	48	48	48	48	48	48	48	48	48	48	48	80	80	80	80	80	80	80	
8	8 Bayanjargalan	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	40	40
8	9 Undurshil	48	48	48	48	48	48	48	48	48	48	48	48	50	50	50	50	50	50	50	50
8	10 Ulziit	0	0	0	0	0	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
8	11 Khuld	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48
8	12 Luus	48	48	48	48	48	48	48	48	48	100	100	100	100	100	100	100	100	100	100	100
8	13 Saikhan-Ovoo	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48
8	14 Delgerkhangai	48	48	48	48	48	48	48	48	48	100	100	100	100	100	100	100	100	100	100	100
8	15 Erdenedalai	256	256	256	360	360	360	360	360	360	360	360	360	360	360	360	360	360	360	360	360
	Total of Sum Centres	912	912	912	1,016	1,076	1,216	1,216	1,266	1,402	1,404	1,404	1,456	1,530	1,530	1,530	1,530	1,530	1,550	1,550	1,550
	Aimag Total	2,412	2,412	2,412	2,516	2,576	2,716	2,716	2,766	2,902	2,904	2,914	3,026	3,180	3,260	3,350	3,430	3,510	3,610	3,700	3,700

No	AIMAG	Switch Capacity in Operation																						
		2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020			
9	ZAVKHAN																							
9	1 Aimag Centre	1,568	1,568	1,568	1,620	1,680	1,750	1,820	1,880	1,970	2,060	2,150	2,240	2,330	2,460	2,580	2,700	2,830	2,950	3,070	3,200			
9	2 Aldarkhaan	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48			
9	3 Asgat																							
9	4 Bayantes																							
9	5 Bayankhairkhan																							
9	6 Bulnai	400	400	400	680	680	680	680	680	680	680	680	680	680	680	680	680	680	680	680	680			
9	7 Durvulzin																							
9	8 Zavkhanmandal						80	80	80	80	80	80	80	80	80	80	80	80	80	80	80			
9	9 Ider																							
9	10 Ikh-Uul																							
9	11 Nurzug																							
9	12 Otigon	16	16	16	16	16	16	16	16	80	80	80	80	80	80	80	80	80	80	80	80			
9	13 Santmargaz																							
9	14 Songino				440	440	440	440	440	440	440	440	440	440	440	440	440	440	440	440	440			
9	15 Tudevtei	100	100	100	100	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220			
9	16 Tes	48	48	48	48	48	48	200	200	200	200	200	200	200	200	200	200	200	200	200	200			
9	17 Telmen																							
9	18 Urgamal																							
9	19 Tsagaankharkhan																							
9	20 Tsagaanbichuluut																							
9	21 Tsetsenuuf																							
9	22 Shiluuste	48	48	48	48	48	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130			
9	23 Erdenekharkhan																							
9	24 Yaranu																							
	Total of Sum Centres	660	660	660	1,380	1,500	1,752	2,036	2,166	2,310	2,610	2,610	2,740	2,740	2,740	2,740	2,810	2,980	3,030	3,070	3,070			
	Aimags Total	2,228	2,228	2,228	3,000	3,180	3,502	3,856	4,046	4,280	4,670	4,760	4,980	5,070	5,200	5,320	5,510	5,810	5,980	6,140	6,270			

No	AIMAG	Switch Capacity in Operation																			
		2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
No. Sum																					
10	UVURKHANGAI																				
10	1 Aimag Centre	1,760	1,760	1,760	1,850	1,960	2,070	2,180	2,300	2,410	2,520	2,620	2,730	2,840	2,990	3,150	3,300	3,450	3,600	3,750	3,900
10	2 Bayan-Undur	48	48	48	48	48	48	48	48	48	50	50	50	50	50	50	50	50	50	50	50
10	3 Burd	50	50	50	50	50	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90
10	4 Bat-Ulzii	48	48	48	48	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210
10	5 BB-Ulaan	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
10	6 Bayangol	48	48	48	48	48	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130
10	7 Guchin-Uus	100	100	100	100	100	100	100	120	120	120	120	120	120	120	120	120	120	120	120	120
10	8 Zyii	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
10	9 Ulzait	40	40	40	40	40	40	40	40	40	70	70	70	70	70	70	70	70	70	70	70
10	10 ZB Ulaan	50	50	50	50	50	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130
10	11 Bogd	48	48	48	48	48	48	48	110	110	110	110	110	110	110	110	110	110	110	110	110
10	12 Nariinteel	50	50	50	50	50	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140
10	13 Sant	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
10	14 Taragt	50	50	50	50	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100
10	15 Tugrug	48	48	48	48	48	48	48	48	48	80	80	80	80	80	80	80	80	80	80	80
10	16 Yanga	150	150	150	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320
10	17 Kharkhandulaan	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
10	18 Khuzirt	280	280	280	660	660	660	660	660	660	660	660	660	660	660	660	660	660	660	660	660
10	19 Kharkhorin	1,000	1,000	1,000	1,160	1,160	1,160	1,160	1,160	1,160	1,880	1,880	1,880	1,880	1,880	1,880	1,880	1,880	1,880	1,880	1,880
10	20 Bavanteeg	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48
	Total of Sum Centres	2,308	2,308	2,308	3,018	3,260	3,602	3,602	3,684	4,516	4,518	4,518	4,518	4,518	4,518	4,518	4,518	4,528	4,528	4,528	4,530
	Aimag Total	4,068	4,068	4,068	4,868	5,220	5,672	5,782	5,984	6,926	7,038	7,138	7,248	7,358	7,508	7,668	7,828	7,978	8,128	8,278	8,430

No AIMAG		Switch Capacity in Operation																			
No	Sum	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
UMNUGOBI																					
11	1	1,864	1,864	1,864	2,070	2,160	2,240	2,320	2,410	2,530	2,640	2,760	2,870	2,990	3,150	3,310	3,470	3,620	3,780	3,940	4,100
11	2	0	0	0	0	0	0	0	0	80	80	80	80	80	80	80	80	80	80	80	80
11	3	0	0	0	0	0	0	0	0	0	50	50	50	50	50	50	50	50	50	50	50
11	4	48	48	48	48	48	48	48	130	130	130	130	130	130	130	130	130	130	130	130	130
11	5	0	0	0	0	0	0	0	130	130	130	130	130	130	130	130	130	130	130	130	130
11	6	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48
11	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	8	0	0	0	0	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210
11	9	0	0	0	0	0	0	0	0	90	90	90	90	90	90	90	90	90	90	90	90
11	10	0	0	0	0	0	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70
11	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	12	48	48	48	48	48	48	48	120	120	120	120	120	120	120	120	120	120	120	120	120
11	13	0	0	0	0	0	0	0	0	0	60	60	60	60	60	60	60	60	60	60	60
11	14	0	0	0	0	0	0	0	0	0	50	50	50	50	50	50	50	50	50	50	50
11	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total of Sum Centres	144	144	144	144	354	494	494	778	1,088	1,248	1,330	1,330	1,330	1,330	1,410	1,410	1,410	1,410	1,410	1,410
	Aimag Total	2,908	2,908	2,908	2,214	2,514	2,734	2,814	3,188	3,618	3,888	4,008	4,200	4,320	4,480	4,720	4,880	5,030	5,190	5,350	5,510
SUKHBAATAR																					
12	1	1,071	1,071	1,071	2,140	2,210	2,280	2,350	2,410	2,530	2,650	2,760	2,880	3,000	3,150	3,310	3,470	3,630	3,790	3,950	4,100
12	2	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
12	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	4	50	50	50	50	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220
12	5	30	30	30	30	30	30	160	160	160	160	160	160	160	160	160	160	160	160	160	160
12	6	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48
12	7	0	0	0	0	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200
12	8	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48
12	9	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
12	10	48	48	48	48	290	290	290	290	290	290	290	290	290	290	290	290	290	290	290	290
12	11	100	100	100	410	410	410	410	410	410	410	410	410	410	410	410	410	410	410	410	410
12	12	0	0	0	0	0	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90
12	13	0	0	0	0	0	0	0	110	110	110	110	110	110	110	110	110	110	110	110	110
12	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total of Sum Centres	424	576	576	1,128	1,498	1,588	1,718	1,828	1,848	1,848	1,848	1,848	1,848	2,010	2,090	2,090	2,090	2,090	2,090	2,130
	Aimag Total	1,495	1,647	1,647	3,268	3,708	3,868	4,068	4,238	4,378	4,498	4,608	4,728	5,010	5,160	5,400	5,560	5,720	5,880	6,040	6,230

No	AJMAG	Switch Capacity in Operation																			
		2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
	No. Sum																				
13	SELENGE	1,880	1,880	1,880	1,880	1,880	1,880	1,880	1,880	1,880	1,880	1,930	2,010	2,120	2,220	2,330	2,440	2,540	2,650	2,750	
13	1 Aimag Centre	1,880	1,880	1,880	1,880	1,880	1,880	1,880	1,880	1,880	1,880	1,930	2,010	2,120	2,220	2,330	2,440	2,540	2,650	2,750	
13	2 Altanbulag	200	200	200	280	280	280	280	280	280	280	280	280	280	280	280	280	280	280	280	
13	3 Eruu	100	100	100	100	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	
13	4 Zuiunburen	32	32	32	32	32	120	120	120	120	120	120	120	120	120	120	120	120	120	120	
13	5 Khushaat	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	70	70	70	70	
13	6 Orkhon	48	48	48	48	48	48	48	48	48	48	48	48	100	100	100	100	100	100	100	
13	7 Sant	50	50	50	50	50	130	130	130	130	130	130	130	130	130	130	130	130	130	130	
13	8 Khuder	50	50	50	50	50	50	50	50	50	50	50	50	50	80	80	80	80	80	80	
13	9 Tsagaanuur	100	100	100	100	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	
13	10 Bugant	100	100	100	100	100	100	100	100	100	100	170	170	170	170	170	170	170	170	170	
13	11 Orkhontuul	50	50	50	50	190	190	190	190	190	190	190	190	190	190	190	190	190	190	190	
13	12 Baruunburen	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
13	13 Dulaankhaan	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	70	70	70	70	
13	14 Javkhiant	50	50	50	50	50	50	50	50	50	50	50	50	50	50	80	80	80	80	80	
13	15 Shaamar	100	100	100	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	
13	16 Tushig	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	
13	17 Saikhan	100	100	100	100	100	100	370	370	370	370	370	370	370	370	370	370	370	370	370	
13	18 Khutul	600	600	600	690	690	690	690	690	690	690	690	690	690	690	890	890	890	890	890	
13	19 Zuunkharaa	1,000	1,000	1,000	1,260	1,260	1,260	1,260	1,260	1,570	1,570	1,570	1,570	1,570	2,040	2,040	2,040	2,040	2,040	2,040	
13	20 Bayangol (Baruunharaa)	160	160	160	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	
13	21 Tunkhel	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
	Total of Sum Centres	3,140	3,140	3,140	4,010	4,410	4,578	4,938	4,938	5,248	5,318	5,318	5,370	6,110	6,140	6,130	6,130	6,130	6,130	6,130	
	Aimag Total	5,020	5,020	5,020	5,890	6,290	6,458	6,818	6,818	7,128	7,128	7,248	7,380	8,230	8,360	8,460	8,570	8,670	8,780	8,880	

No.	AIMAG	Switch Capacity in Operation																			
		2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
	No. Sum	2,016	2,016	2,016	2,060	2,120	2,180	2,240	2,300	2,410	2,520	2,630	2,740	2,850	3,010	3,160	3,310	3,460	3,610	3,770	3,920
14	TUV	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
14 1	Aimag Centre	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
14 2	Altanbulag	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102
14 3	Argalant	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
14 4	Batsumber	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
14 5	Bayan	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
14 6	Bayan-Unzuul	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 7	Bayanjargalan	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
14 8	Bayankhangai	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
14 9	Bayantsagaan	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
14 10	Bayantsogt	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102
14 11	Bornuur	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70
14 12	Buren	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
14 13	Delgerkhaan	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
14 14	Jargalant	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
14 15	Zaamar	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
14 16	Lun	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
14 17	Undurshireet	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48
14 18	Sergelen	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
14 19	Sumber	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 20	Urgaal	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
14 21	Tseel	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
14 22	Erdene	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
14 23	Erdenesant	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
14 24	Arkhuut	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48
14 25	Bayanchandmani	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
14 26	Zanchivian	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48
14 27	Bayandelger	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28
14 28	Mungunmorit	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
	Total of Sum Centres	1,488	1,488	1,488	3,148	3,486	3,690	3,788	4,130	4,362	4,334	4,334	4,334	4,418	4,458	4,520	4,520	4,520	4,520	4,560	4,560
	Aimag Total	3,504	3,504	3,504	5,208	5,606	5,870	6,028	6,430	6,772	6,854	6,964	7,074	7,268	7,468	7,680	7,830	7,980	8,130	8,330	8,480

No	AIMAG	Switch Capacity in Operation																			
		2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
	No. Sum	2,016	2,016	2,016	2,016	2,020	2,100	2,180	2,260	2,370	2,480	2,580	2,690	2,800	2,950	3,100	3,250	3,390	3,540	3,690	3,840
15	UVS																				
15	1 Aimag Centre	2,016	2,016	2,016	2,016	2,020	2,100	2,180	2,260	2,370	2,480	2,580	2,690	2,800	2,950	3,100	3,250	3,390	3,540	3,690	3,840
15	2 Barunturuun	32	32	32	32	32	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170
15	3 Bokhmurun	0	0	0	0	0	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
15	4 Davst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	5 Zavkhan	0	0	0	0	0	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70
15	6 Zuungobi	0	0	0	0	0	0	0	0	0	50	50	50	50	50	50	50	50	50	50	50
15	7 Zuykhangaigai	0	0	0	0	0	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
15	8 Matchin	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
15	9 Naranbulag	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48
15	10 Uligii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	11 Umnugobi	100	100	100	100	100	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90
15	12 Undurkhangai	0	0	0	0	0	0	0	110	110	110	110	110	110	110	110	110	110	110	110	110
15	13 Sagii	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
15	14 Tarialan	0	0	0	0	0	0	0	140	140	140	140	140	140	140	140	140	140	140	140	140
15	15 Targen	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	16 Tes	100	100	100	100	100	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
15	17 Kharkhira	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
15	18 Khovd	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	19 Khvrgas	48	48	48	48	48	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
15	20 Tsagankhairkhan	48	48	48	48	48	48	48	48	48	100	100	100	100	100	100	100	100	100	100	100
	Total of Sum Centres	526	526	526	526	664	796	796	1,046	1,098	1,148	1,148	1,148	1,148	1,148	1,148	1,160	1,230	1,280	1,320	1,320
	Aimag Total	2,542	2,542	2,542	2,542	2,684	2,896	2,976	3,306	3,468	3,628	3,728	3,838	3,948	4,098	4,248	4,410	4,620	4,820	5,010	5,160

No.	AIMAG	Switch Capacity in Operation																			
		2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
16	No. Sum																				
	KHOVD																				
16	1 Aimag Centre	2,048	2,048	2,048	2,480	2,580	2,680	2,790	2,890	3,030	3,160	3,300	3,440	3,580	3,770	3,960	4,150	4,340	4,530	4,720	4,910
16	2 Altai	0	0	0	0	0	0	0	0	90	90	90	90	90	90	90	90	90	90	90	90
16	3 Bulgan	100	100	100	390	390	390	390	390	390	390	390	390	390	390	390	390	390	390	390	390
16	4 Buyant	50	50	50	50	50	50	50	130	130	130	130	130	130	130	130	130	130	130	130	130
16	5 Darvi	48	48	48	48	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
16	6 Durgun	48	48	48	48	48	48	48	48	48	48	48	48	120	120	120	120	120	120	120	120
16	7 Duut	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	8 Zereg	16	16	16	16	16	16	16	16	100	100	100	100	100	100	100	100	100	100	100	100
16	9 Mankhan	50	50	50	50	50	50	50	50	150	150	150	150	150	150	150	150	150	150	150	150
16	10 Munkhkhaan	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
16	11 Must	48	48	48	48	48	48	48	140	140	140	140	140	140	140	140	140	140	140	140	140
16	12 Myngad	50	50	50	50	50	50	50	50	90	90	90	90	90	90	90	90	90	90	90	90
16	13 Uench	128	128	128	128	128	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250
16	14 Khovd	0	0	0	0	0	0	0	0	0	0	0	0	0	0	80	80	80	80	80	80
16	15 Tsetseg	48	48	48	48	48	48	48	110	110	110	110	110	110	110	110	110	110	110	110	110
16	16 Chandman	48	48	48	48	48	48	48	48	80	80	80	80	80	80	80	80	80	80	80	80
16	17 Erdeneburen	50	50	50	50	50	50	50	50	90	90	90	90	90	90	90	90	90	90	90	90
	Total of Sum Centres	734	734	734	1,024	1,136	1,236	1,358	1,592	1,878	1,878	1,878	1,878	1,950	1,950	2,030	2,030	2,030	2,080	2,080	2,060
	Aimag Total	2,782	2,782	2,782	3,504	3,716	3,916	4,148	4,482	4,908	5,038	5,178	5,318	5,530	5,720	5,990	6,180	6,370	6,610	6,800	6,970

No	AIMAG	No./Sum	Switch Capacity in Operation																						
			2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020			
17	KHUVSUL																								
17	1 Aimag Centre	2,320	2,320	2,320	4,460	4,590	4,720	4,850	4,980	5,220	5,460	5,700	5,940	6,180	6,500	6,830	7,160	7,490	7,820	8,140	8,470				
17	2 Alag-Erdene	0	0	0	0	0	0	0	0	0	0	0	130	130	130	130	130	130	130	130	130				
17	3 Arbulag	0	0	0	0	0	0	0	0	0	0	0	200	200	200	200	200	200	200	200	200				
17	4 Bayanzurkh	0	0	0	0	0	0	0	0	0	0	0	160	160	160	160	160	160	160	160	160				
17	5 Burentogtokh	48	48	48	48	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250				
17	6 Burenkhaan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
17	7 Galt	0	0	0	0	0	0	0	120	120	120	120	120	120	120	120	120	120	120	120	120				
17	8 Jargalant	48	48	48	48	48	48	220	220	220	220	220	220	220	220	220	220	220	220	220	220				
17	9 Ikh-Uul	40	40	40	40	260	260	260	260	260	260	260	260	260	260	260	260	260	260	260	260				
17	10 Rashaant	48	48	48	48	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170				
17	11 Rentshimkhumbé	48	48	48	48	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170				
17	12 Tarialan	100	100	100	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600				
17	13 Tosontsengel	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48				
17	14 Tumurbulag	40	40	40	40	40	40	40	40	40	40	40	40	160	160	160	160	160	160	160	160				
17	15 Tunel	0	0	0	0	0	0	0	0	0	0	0	0	140	140	140	140	140	140	140	140				
17	16 Ulaan-Uul	0	0	0	0	0	0	0	170	170	170	170	170	170	170	170	170	170	170	170	170				
17	17 Khamkh	0	0	0	0	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160				
17	18 Khaigal	200	200	200	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380				
17	19 Tsagaanuur	0	0	0	0	0	0	0	0	0	0	0	0	100	100	100	100	100	100	100	100				
17	20 Tsagaan-uul	96	96	96	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300				
17	21 Tsagaan-uur	48	48	48	48	48	48	48	48	48	48	48	48	140	140	140	140	140	140	140	140				
17	22 Teserleg	40	40	40	40	40	40	40	40	40	40	40	40	170	170	170	170	170	170	170	170				
17	23 Chandman Undur	48	48	48	48	48	48	48	48	48	48	48	48	180	180	180	180	180	180	180	180				
17	24 Shine-Ider	0	0	0	0	0	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150				
17	25 Erdenebulgan	48	48	48	48	48	48	48	48	48	48	48	48	150	150	150	150	150	150	150	150				
	Total of Sum Centres	900	900	900	1,784	2,610	2,760	3,232	3,546	3,546	3,546	4,000	4,550	4,650	4,650	4,650	4,650	4,650	4,650	4,650	4,690				
	Aimag Total	3,220	3,220	3,220	6,244	7,200	7,480	8,082	8,526	8,766	9,006	9,700	10,490	10,830	11,150	11,480	11,810	12,140	12,470	12,830	13,160				

No	AIMAG	Switch Capacity in Operation																			
		2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
18	KHENTII																				
18	1 Aimag Centre	1,640	1,640	1,640	1,870	1,920	1,970	2,020	2,080	2,180	2,270	2,370	2,470	2,570	2,710	2,850	2,980	3,120	3,250	3,390	3,530
18	2 Galsnar	0	0	0	0	0	0	0	0	0	60	60	60	60	60	60	60	60	60	60	60
18	3 Bayankhutiagt	50	50	50	50	50	50	50	60	60	60	60	60	60	60	60	60	60	60	60	60
18	4 Darkhan	0	0	0	0	0	0	0	60	60	60	60	60	60	60	60	60	60	60	60	60
18	5 Bayanmunkh	32	32	32	32	32	32	32	90	90	90	90	90	90	90	90	90	90	90	90	90
18	6 Dejgerkhaan	0	0	0	0	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
18	7 Jargaltkhaan	20	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200
18	8 Tsenkhermandal	0	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200
18	9 Murun	16	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200
18	10 Ummudejger	78	78	78	290	290	290	290	290	290	290	290	290	290	290	290	290	290	290	290	290
18	11 Bayanadraga	0	0	0	0	0	0	0	0	0	0	0	0	110	110	110	110	110	110	110	110
18	12 Binder	0	0	0	0	0	0	180	180	180	180	180	180	180	180	180	180	180	180	180	180
18	13 Batshireet	0	0	0	0	0	0	0	0	0	0	0	0	0	90	90	90	90	90	90	90
18	14 Batnorov	0	0	0	0	0	0	90	90	90	90	90	90	90	90	90	90	90	90	90	90
18	15 Berkh	16	16	16	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350
18	16 Bayan-Ovoo	0	0	0	0	0	0	0	0	0	60	60	60	60	60	60	60	60	60	60	60
18	17 Khaivuu-Ujaan	0	0	0	0	0	0	0	0	0	180	180	180	180	180	180	180	180	180	180	180
18	18 Norovlin	0	0	0	0	0	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
18	19 Dadal	0	0	0	0	0	0	0	150	150	150	150	150	150	150	150	150	150	150	150	150
18	20 Ulzhit	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
18	21 Gurbanbulag	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
18	22 Bor-Uundur	400	400	400	980	980	980	980	980	1,590	1,590	1,590	1,590	1,590	1,590	1,590	1,590	1,590	1,590	1,590	1,590
	Total of Sum Centres	712	1,276	1,276	2,402	2,562	2,870	3,050	3,340	3,950	4,070	4,250	4,250	4,410	4,500	4,500	4,500	4,500	4,500	4,500	4,500
	Aimag Total	2,352	2,916	2,916	4,272	4,482	4,840	5,070	5,420	6,130	6,340	6,620	6,720	6,980	7,210	7,350	7,480	7,620	7,750	7,890	8,030

No	AIMAG	Switch Capacity in Operation																			
		2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
	No. Sum																				
19	DARKHAN-UUL																				
19	1 Aimag Centre	5,608	5,608	5,608	6,790	7,020	7,250	7,480	7,710	8,050	8,390	8,730	9,080	9,420	9,890	10,360	10,840	11,310	11,780	12,260	12,730
19	2 Shariun gol	500	500	500	500	500	500	500	770	770	770	770	1,220	1,220	1,220	1,220	1,220	1,220	1,220	1,220	1,220
19	3 Khongor	150	150	150	150	150	150	150	330	330	330	330	330	330	330	330	330	330	330	330	330
19	4 Orkhon	150	150	150	150	150	150	150	150	220	220	220	220	220	220	220	220	220	220	220	220
	Total of Sum Centres	800	800	800	800	800	800	1,070	1,250	1,320	1,320	1,320	1,770	1,770	1,770	1,770	1,770	1,770	1,770	1,770	1,770
	Aimag Total	6,408	6,408	6,408	7,590	7,820	8,050	8,550	8,960	9,370	9,710	10,050	10,850	11,190	11,660	12,130	12,610	13,080	13,550	14,030	14,500
20	ORKHON																				
20	1 Aimag Centre	5,400	5,400	5,400	17,340	18,000	18,670	19,330	19,990	20,950	21,910	22,870	23,830	24,790	26,110	27,420	28,740	30,060	31,370	32,690	34,010
20	2 Jargalant	2,300	2,300	2,300	2,950	2,950	2,950	2,950	2,950	3,680	3,680	3,680	3,680	3,680	4,790	4,790	4,790	4,790	4,790	4,790	4,790
	Total of Sum Centres	2,300	2,300	2,300	2,950	2,950	2,950	2,950	2,950	3,680	3,680	3,680	3,680	3,680	4,790	4,790	4,790	4,790	4,790	4,790	4,790
	Aimag Total	7,700	7,700	7,700	20,290	20,950	21,620	22,280	22,940	24,630	25,590	26,550	27,510	28,470	30,900	32,210	33,530	34,850	36,160	37,480	38,800
21	GOBISUMBER																				
21	1 Aimag Centre	512	512	512	620	620	620	620	620	490	520	540	560	580	610	640	670	700	730	760	790
21	2 Shiveegobi	200	200	200	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270
21	3 Bayantal	48	48	48	48	48	48	48	48	48	50	50	50	50	50	50	50	50	50	50	50
	Total of Sum Centres	248	248	248	318	318	318	318	318	318	320	320	320	320	320	320	320	320	320	320	320
	Aimag Total	760	760	760	938	938	938	938	938	840	860	860	880	900	930	960	990	1,020	1,050	1,080	1,110
22	NALAIKH																				
22	1 Aimag Centre	1,536	1,536	1,536	2,570	2,680	2,800	2,910	3,020	3,170	3,310	3,460	3,600	3,750	3,950	4,150	4,350	4,550	4,740	4,940	5,140
22	2 Terej	48	48	48	48	48	48	48	48	48	48	280	280	280	280	280	280	280	280	280	280
22	3 Shokhoi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	4 Arzanchivlan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	5 Nisekhi/GORDOK/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total of Sum Centres	48	48	48	48	48	48	48	48	48	48	280	280	280	280	280	280	280	280	280	280
	Aimag Total	1,584	1,584	1,584	2,618	2,728	2,848	2,958	3,068	3,218	3,358	3,470	3,600	3,750	3,950	4,150	4,350	4,550	4,740	4,940	5,140
	BAGANUUR Aimag Total																				
23	1 Baganuur city	3,130	3,130	3,130	3,130	3,130	3,130	3,130	3,130	3,190	3,330	3,330	3,470	3,610	3,800	3,990	4,180	4,370	4,560	4,750	4,950
	Aimag Total	3,130	3,130	3,130	3,130	3,130	3,130	3,130	3,130	3,190	3,330	3,330	3,470	3,610	3,800	3,990	4,180	4,370	4,560	4,750	4,950

No.	AIMAG	Switch Capacity in Operation																			
		2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
	No. Sum																				
	Total by Aimag (Sum Centres Only)																				
1	Arkhangai	550	550	550	1,060	2,324	2,324	2,806	3,018	3,208	3,208	3,400	3,400	3,400	3,400	3,400	3,400	3,400	3,400	3,400	3,400
2	Bayan-Ulgii	422	422	422	422	422	530	660	962	1,184	1,184	1,470	1,470	1,668	1,710	1,790	1,790	1,790	1,790	1,790	1,790
3	Bayankhongor	384	384	384	1,220	1,392	1,392	1,916	2,556	2,646	2,696	3,128	3,268	3,550	3,550	3,550	3,550	3,550	3,550	3,550	3,550
4	Bulgan	974	974	974	2,504	2,886	2,984	3,818	3,920	3,970	3,970	3,970	3,970	3,970	3,970	3,970	3,970	3,970	3,970	3,970	3,970
5	Govi-Altai	916	916	916	916	1,378	1,512	1,772	1,924	2,054	2,094	2,416	2,590	2,694	2,694	2,726	2,726	2,770	2,770	2,810	2,810
6	Dornogovi	894	894	894	1,474	1,664	1,736	1,938	1,938	2,400	2,580	2,760	2,760	2,760	2,850	2,850	2,850	2,850	2,850	2,890	2,920
7	Dornod	240	240	240	240	440	614	614	614	768	806	806	806	806	806	806	844	844	844	844	1,020
8	Dundgovi	912	912	912	1,016	1,076	1,216	1,216	1,266	1,402	1,404	1,404	1,404	1,456	1,530	1,530	1,530	1,530	1,530	1,530	1,550
9	Zavkhan	660	660	660	1,380	1,500	1,752	2,036	2,166	2,310	2,610	2,610	2,740	2,740	2,740	2,740	2,810	2,980	3,030	3,070	3,070
10	Uvurkhangai	2,308	2,308	2,308	3,018	3,260	3,602	3,602	3,684	4,516	4,518	4,518	4,518	4,518	4,518	4,518	4,528	4,528	4,528	4,528	4,530
11	Umnugovi	144	144	144	144	354	494	494	778	1,088	1,248	1,248	1,330	1,330	1,330	1,410	1,410	1,410	1,410	1,410	1,410
12	Sukhbaatar	424	576	576	1,128	1,498	1,588	1,718	1,828	1,848	1,848	1,848	1,848	2,010	2,010	2,090	2,090	2,090	2,090	2,090	2,130
13	Setenge	3,140	3,140	3,140	4,010	4,410	4,578	4,938	4,938	5,248	5,248	5,318	5,318	5,370	6,110	6,140	6,130	6,130	6,130	6,130	6,130
14	Tuv	1,488	1,488	1,488	3,148	3,486	3,690	3,788	4,130	4,362	4,334	4,334	4,334	4,418	4,458	4,520	4,520	4,520	4,520	4,520	4,560
15	Uvs	526	526	526	526	664	796	796	1,046	1,098	1,148	1,148	1,148	1,148	1,148	1,148	1,160	1,230	1,280	1,320	1,370
16	Khovd	734	734	734	1,024	1,136	1,236	1,338	1,592	1,878	1,878	1,878	1,878	1,950	1,950	2,030	2,030	2,030	2,080	2,080	2,060
17	Khvysgul	900	900	900	1,784	2,610	2,760	3,232	3,546	3,546	3,546	4,000	4,550	4,650	4,650	4,650	4,650	4,650	4,650	4,650	4,690
18	Kheniti	712	1,276	1,276	2,402	2,562	2,870	3,050	3,340	3,950	4,070	4,250	4,250	4,410	4,500	4,500	4,500	4,500	4,500	4,500	4,500
19	Darkhan-Uul	800	800	800	800	800	800	1,070	1,250	1,320	1,320	1,320	1,320	1,770	1,770	1,770	1,770	1,770	1,770	1,770	1,770
20	Orkhon	2,300	2,300	2,300	2,950	2,950	2,950	2,950	2,950	3,680	3,680	3,680	3,680	3,680	4,790	4,790	4,790	4,790	4,790	4,790	4,790
21	Govisumber	248	248	248	318	318	318	318	318	318	318	320	320	320	320	320	320	320	320	320	320
22	Nalaikh	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48
23	Baganuur	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total	19,724	20,440	20,440	31,532	37,178	39,790	44,138	47,812	52,842	53,758	55,914	57,632	58,898	61,084	61,528	61,788	62,132	62,418	62,718	62,770

No.	AIMAG No.	Switch Capacity in Operation																			
		2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
	Total by Aimag (Aimag Centres + Sum Centres)																				
1	ARKHANGAI	1,898	1,898	1,898	5,640	7,144	7,384	8,106	8,558	9,018	9,278	9,548	10,000	10,270	10,640	11,000	11,370	11,730	12,100	12,460	12,830
2	BAYAN-ULGI	2,457	2,457	2,457	3,902	4,052	4,300	4,570	5,012	5,434	5,624	6,110	6,300	6,698	7,000	7,350	7,620	7,880	8,150	8,420	8,680
3	BAYANKHONGOR	1,984	1,984	1,984	5,150	5,482	5,642	6,326	7,126	7,436	7,706	8,358	8,708	9,210	9,510	9,820	10,120	10,420	10,720	11,020	11,320
4	BULGAN	2,358	2,358	2,358	4,194	4,646	4,814	5,718	5,894	6,030	6,130	6,220	6,320	6,410	6,540	6,670	6,800	6,930	7,060	7,190	7,320
5	GObI-ALTAI	2,666	2,666	2,666	2,846	3,388	3,602	3,942	4,174	4,404	4,554	4,986	5,270	5,474	5,624	5,806	5,956	6,156	6,296	6,480	6,630
6	DORNOGOVI	2,544	2,544	2,544	3,174	3,424	3,566	3,838	3,908	4,470	4,740	5,020	5,110	5,200	5,420	5,550	5,680	5,810	5,940	6,110	6,270
7	DORNOD	2,467	2,467	2,467	2,467	2,667	2,841	2,841	2,841	2,995	3,033	3,096	3,194	3,296	3,426	3,556	3,724	3,854	4,120	4,300	4,430
8	DUNDGOBI	2,412	2,412	2,412	2,516	2,576	2,716	2,716	2,766	2,902	2,904	2,904	2,914	3,026	3,180	3,260	3,350	3,430	3,510	3,610	3,700
9	ZAVKHAN	2,228	2,228	2,228	3,000	3,180	3,502	3,856	4,046	4,280	4,670	4,760	4,980	5,070	5,200	5,320	5,510	5,810	5,980	6,140	6,270
10	UVURKHANGAI	4,068	4,068	4,068	4,868	5,220	5,672	5,782	5,984	6,926	7,038	7,138	7,248	7,358	7,508	7,668	7,828	7,978	8,128	8,278	8,430
11	UMNUGOBI	2,008	2,008	2,008	2,214	2,514	2,734	2,814	3,188	3,618	3,888	4,008	4,200	4,370	4,480	4,720	4,880	5,030	5,190	5,350	5,510
12	SUKHBAATAR	1,495	1,647	1,647	3,268	3,708	3,868	4,068	4,238	4,378	4,498	4,608	4,728	5,010	5,160	5,400	5,560	5,720	5,880	6,040	6,230
13	SELENGE	5,020	5,020	5,020	5,890	6,290	6,458	6,818	6,818	7,128	7,128	7,128	7,198	7,248	7,380	8,230	8,360	8,460	8,570	8,670	8,880
14	TUV	3,504	3,504	3,504	5,208	5,606	5,870	6,028	6,430	6,772	6,854	6,964	7,074	7,268	7,468	7,680	7,830	7,980	8,130	8,330	8,480
15	UVS	2,542	2,542	2,542	2,542	2,684	2,896	2,976	3,306	3,468	3,628	3,728	3,838	3,948	4,098	4,248	4,410	4,620	4,820	5,010	5,160
16	KHOVD	2,782	2,782	2,782	3,504	3,716	3,916	4,148	4,482	4,908	5,038	5,178	5,318	5,530	5,720	5,990	6,180	6,370	6,610	6,800	6,970
17	KHUVSUL	3,220	3,220	3,220	6,244	7,200	7,480	8,082	8,526	8,766	9,006	9,700	10,490	10,830	11,150	11,480	11,810	12,140	12,470	12,830	13,160
18	KHENTII	2,352	2,916	2,916	4,272	4,482	4,840	5,070	5,420	6,130	6,340	6,620	6,720	6,980	7,210	7,350	7,480	7,620	7,750	7,890	8,030
19	DARKHAN-UUL	6,408	6,408	6,408	7,590	7,820	8,050	8,550	8,960	9,370	9,710	10,050	10,850	11,190	11,660	12,130	12,610	13,080	13,550	14,030	14,500
20	ORKHON	7,700	7,700	7,700	20,290	20,950	21,620	22,280	22,940	24,630	25,590	26,550	27,510	28,470	30,900	32,210	33,530	34,850	36,160	37,480	38,800
21	GObISUMBER	760	760	760	938	938	938	938	938	808	840	860	880	900	930	960	990	1,020	1,050	1,080	1,110
22	NALAIKH	1,584	1,584	1,584	2,618	2,728	2,848	2,958	3,068	3,218	3,358	3,740	3,880	4,030	4,230	4,430	4,770	5,030	5,220	5,420	5,620
23	BAGANUUR	3,130	3,130	3,130	3,130	3,130	3,130	3,130	3,130	3,130	3,190	3,330	3,470	3,610	3,800	3,990	4,180	4,370	4,560	4,750	4,950
	Total	67,587	68,303	68,303	105,465	113,545	118,687	125,555	131,749	140,219	144,745	150,674	156,252	161,478	169,084	174,948	180,648	186,392	192,058	197,798	203,280

Note: Thenkhermandal, Jargalkhaan and Muren of Khenti; Aimag and Mukhaan of Sukhbaatar Aimag are provided with Digital switch in 2003 under MON-4 (Korean) Project.

7.2 Existing Switching Facilities in 2001

National Total

No.	Name of the Aimag	Name of the Capital	District	From UB		Area 10 ³ Km ²	Population		SW Capacity	Subscriber by user category			Subscriber by location			
				Direction	km		Total	Pops/ Km ²		Total	Public	Business	Private	Total	Aimag Centre	Sum Centre
1	Arkhangai	Tsetserleg	C	W	453	55.00	97,500	1.8	1,898	1,187	319	149	719	1,187	995	192
2	Bayan-Olgii	Olgii	W	W	1,636	46.00	94,600	2.1	2,457	1,755	298	188	1,269	1,755	1,666	89
3	Bayankhongor	Bayankhongor	S	WSW	630	116.00	85,300	0.7	1,984	1,320	260	177	883	1,320	1,106	214
4	Bulgan	Bulgan	N	NW	318	49.00	62,600	1.3	2,358	1,831	340	178	1,313	1,831	1,247	584
5	Govi-Altai	Altai	W	WSW	1,001	142.00	63,600	0.4	2,666	1,737	301	144	1,292	1,737	1,227	510
6	Dornogovi	Sainshand	S	SES	463	111.00	51,100	0.5	2,544	1,542	255	124	1,163	1,542	1,054	488
7	Dornod	Cholbalsan	E	E	655	124.00	74,200	0.6	2,467	1,687	273	161	1,253	1,687	1,596	91
8	Dundgovi	Mandalgovi	S	S	260	78.00	51,300	0.7	2,412	1,726	266	180	1,280	1,726	1,145	581
9	Zavkhan	Uliastai	N	W	984	82.00	87,200	1.1	2,228	1,587	370	134	1,083	1,587	1,022	565
10	Uvurkhangai	Arvaikheer	C	WS	430	63.00	113,000	1.8	4,068	2,979	332	262	2,385	2,979	1,644	1,335
11	Urnugovi	Dalanzadgad	S	S	553	165.00	46,900	0.3	2,008	1,618	232	148	1,238	1,618	1,555	63
12	Sukhbaatar	Baruun-Urt	E	E	560	82.00	55,900	0.7	1,495	929	205	85	639	929	792	137
13	Selenge	Sukhbaatar	N	N	311	43.00	100,900	2.3	5,020	3,225	474	412	2,339	3,225	1,376	1,849
14	Tuv	Zuunmod	C	-	43	81.00	98,000	1.2	3,504	1,829	547	205	1,101	1,829	1,249	580
15	Uvs	Ulaangom	W	WNW	1,336	69.00	86,800	1.3	2,542	1,883	221	125	1,537	1,883	1,846	37
16	Khovd	Khovd	W	W	1,425	76.00	87,800	1.2	2,782	1,456	316	175	965	1,456	1,241	215
17	Khovsgul	Moron	N	WN	671	101.00	119,800	1.2	3,220	2,490	477	268	1,745	2,490	2,014	476
18	Khentii	Ondorkhaan	E	E	331	82.00	71,400	0.9	2,352	1,624	271	202	1,151	1,624	1,064	560
19	Darkhan-Uul	Darkhan	N	NWN	219	0.20	84,800	424.0	6,408	5,871	319	523	5,029	5,871	5,417	454
20	Orkhon	Erdenet	N	WNW	371	0.06	76,000	1,266.7	7,700	6,323	353	626	5,344	6,323	5,004	1,319
21	Govisumber	Choir	S	SE	240	---	12,300	---	760	643	118	81	444	643	479	164
22	Baganuur		---	---	---	---	---	---	3,130	2,649	171	252	2,226	2,649	2,550	99
23	Nalaikh		---	---	---	---	---	---	1,584	1,490	165	126	1,199	1,490	1,472	18
	Subtotal of Aimag		---	---	---	---	---	---	67,587	49,381	6,883	4,925	37,597	49,381	38,761	10,620
24	Ulaanbaatar		---	---	---	786,500	---	---	73,192	70,611	---	---	---	---	---	---
	Total		---	---	---	2,407,500	1,711	---	140,779	119,992	---	---	---	---	---	---

Ulaanbaatar

As of April 2002

Exchange Name	Model	Capacity	Lines in use											
			Official			Private			Others			Total		
			Single	Party	Total	Single	Party	Total	Payphone	Others	Total			
EATS-31	E-10B	19,368	3,152	7	3,159	5,260	0	5,260	152	69	221	8,640		
EATS-32	E-10B	---	5,464	0	5,464	5,020	0	5,020	10	75	85	10,569		
EATS-34	E-10B	4,416	1,452	0	1,452	2,771	0	2,771	34	23	57	4,280		
EATS-351	E-10B	4,096	697	0	697	3,300	0	3,300	26	16	42	4,039		
EATS-352	E-10B	1,056	133	0	133	771	10	781	11	4	15	929		
EATS-36	E-10B	10,880	1,070	0	1,070	9,626	0	9,626	42	73	115	10,811		
EATS-361	E-10B	3,048	66	0	66	2,611	0	2,611	4	15	19	2,696		
EATS-362	E-10B	656	46	0	46	487	0	487	4	3	7	540		
EATS-37	E-10B	512	208	0	208	283	0	283	5	9	14	505		
EATS-37	E-10B	528	63	4	67	398	1	399	4	4	8	474		
EATS-68	E-10	9,112	713	0	713	8,262	0	8,262	26	36	62	9,037		
EATS-63	E-10	5,072	1,075	0	1,075	3,863	0	3,863	29	28	57	4,995		
EATS-45	EWSD	11,448	2,051	7	2,058	7,685	1	7,686	55	15	70	9,814		
EATS-46	EWSD	---	202	0	202	1,053	0	1,053	18	0	18	1,273		
AATS-5	ATSK	3,000	245	3	248	1,717	44	1,761	0	0	0	2,009		
Total		73,192	16,637	21	16,658	53,107	56	53,163	420	370	790	70,611		

Source: MT/PTA

EATS = Digital Switch, AATS = Analogue Switch.

'---' means the figure is included in the column indicated above.

Arkhangai

No.	Aimag/Sum	Switching Facilities			Subscriber			No. of circuits to/from Aimag
		Model	Type	Capacity	Total	Public	Business	
1	Aimag center	EWS	D	1,348	995	200	120	675
2	Battsengel	ATC-50/200	A	50	24	15	4	5
3	Bulgan	KX-616	D	16	3	2	1	0
4	Chuluut	C-12/48	A	48	3	3	0	0
5	Erdenemandal	C-12/48	A	48	16	7	4	5
6	Ikhtamir	KX-616	D	16	10	9	1	0
7	Jargalant	C-12/48	A	48	9	8	1	0
8	Khairkhan	ATC-50/200	A	50	24	4	1	19
9	Khangai	JC-20	A	20	10	7	3	0
10	Khashaata	manual	M		6	4	2	0
11	Khotont	ATC-50/200	A	50	21	7	6	8
12	Tariat	EM-48	A	48	10	6	0	4
13	Tsakhir	manual	M		7	7	0	0
14	Tsenkher	JC-20	A	20	5	3	0	2
15	Tsetserleg	C-12/48	A	48	6	6	0	0
16	Tuvshruuleh	ATC-40/80	A	40	15	13	2	0
17	Uginuur	EM-4	A	12	8	7	1	0
18	Uizit	KX-616	D	16	12	9	2	1
19	Undur-Ulaan	JC-20	A	20	3	2	1	0
	Total		---	1,898	1,187	319	149	719

Type D = Digital, A = Analogue, M = Manual.

Bayan-Ulgii

No.	Aimag/Sum	Switching Facilities			Capacity	Total	Subscriber		No. of circuits to/from Aimag
		Model	Type	Type			Public	Business	
1	Aimag center	EWSD	D	D	2,035	1,666	209	188	1,269
2	Altai	C-12/48	A	A	48	4	4	0	0
3	Altantsugts	C-12/48	A	A	48	2	2	0	0
4	Bayannuur	C-12/48	A	A	48	2	2	0	0
5	Bugat	manual	M	M		6	6	0	0
6	Bulgan	manual	M	M		4	4	0	0
7	Buyant	manual	M	M		3	3	0	0
8	Deluun	KTX16/32	D	D	32	4	4	0	0
9	Khotgor	manual	M	M		1	1	0	0
10	Nogoonuur	KTX16/32	D	D	16	1	1	0	0
11	Sagsai	ATC-50/200	A	A	50	18	18	0	0
12	Tolbo	KTX16/32	D	D	32	6	6	0	0
13	Tsagaannuur	ATC-50/200	A	A	50	15	15	0	0
14	Tsengel	ATC-50/200	A	A	50	15	15	0	0
15	Ulaankhus	C-12/48	A	A	48	8	8	0	0
Total					2,457	1,755	298	188	1,269

Type D = Digital, A = Analogue, M = Manual.

Bayankhongor

No.	Aimag/Sum	Switching Facilities			Capacity	Total	Subscriber			No. of circuits to/from Aimag
		Model	Type	Type			Public	Business	Private	
1	Aimag center	EWS	D	D	1,600	1,106	176	169	761	
2	Baantsagaan	manual	M			5	5	0	0	
3	Bayanbulag	manual	M			5	4	1	0	
4	Bayangobi	manual	M			2	2	0	0	
5	Bayanlig	C-12/48	A		48	14	5	0	9	
6	Bayan-Oboo	manual	M			0	0	0	0	
7	Bayantsagaan	Panasonic	D		48	37	10	2	25	
8	Bayan-Undur	C-12/48	A		48	6	6	0	0	
9	Bogd	C-12/48	A		48	21	9	3	9	
10	Bumbugur	manual	M			0	0	0	0	
11	Buutsagaan	C-12/48	A		48	25	4	0	21	
12	Erdenetsogt	manual	M			1	1	0	0	
13	Galuit	C-12/48	A			0	0	0	0	
14	Gurbanbulag	manual	M			6	6	0	0	
15	Jargalant	C-12/48	A		48	19	7	2	10	
16	Jinst	manual	M			5	5	0	0	
17	Khureemarl	C-12/48	A		48	43	9	0	34	
18	Shargaljuut	manual	M			0	0	0	0	
19	Shinejinst	manual	M			0	0	0	0	
20	Ulzit	C-12/48	A		48	20	6	0	14	
21	Zag	manual	M			5	5	0	0	
	Total				1,984	1,320	260	177	883	---

Type D = Digital, A = Analogue, M = Manual.

Bulgan

No.	Aimag/Sum	Switching Facilities			Capacity	Total	Subscriber			No. of circuits to/from Aimag
		Model	Type	Type			Public	Business	Private	
1	Aimag center	SDE	D	D	1,384	1,247	160	103	984	
2	Bayan-Agt	C-12/48	A	A	48	34	8	2	24	1
3	Bayannuur	ATC-50/200	A	A	50	38	10	2	26	1
4	Bugat	ATC-50/200	A	A	50	9	9	0	0	1
5	Buregkhantai	C-12/48	A	A	48	35	10	5	20	2
6	Dashinchilen	ATC-50/200	A	A	50	50	7	3	40	2
7	Gurbanbulag	ATC-50/200	A	A	50	19	15	4	0	1
8	Khantal	C-12/48	A	A	48	8	8	0	0	1
9	Khishi-Undur	ATC-50/200	A	A	50	40	22	8	10	1
10	Khutag	HICOM-318	D	D	100	88	14	17	57	3
11	Khyalganat	ATC-50/200	A	A	200	90	11	6	73	
12	Mogod	Panasonic	D	D	32	20	9	3	8	
13	Orkhon	C-12/48	A	A	48	23	9	4	10	1
14	Rashaant	ATC-50/200	A	A	50	38	15	11	12	1
15	Saikhan	ATC-50/200	A	A	50	50	12	2	36	2
16	Selenge	ATC-50/200	A	A	50	12	9	3	0	1
17	Teshig	ATC-50/200	A	A	50	30	12	5	13	1
	Total		---	---	2,358	1,831	340	178	1,313	---

Type D = Digital, A = Analogue, M = Manual.

Gobi-Altai

No.	Aimag/Sum	Switching Facilities			Capacity	Total	Subscriber			No. of circuits to/from Aimag
		Model	Type	Type			Public	Business	Private	
1	Aimag center	EWS	D	D	1,750	1,227	179	126	922	
2	Altai	C-12/48	A	A	48	9	5	0	4	
3	Bayantooroo	manual	M			4	2	2	0	
4	Bayan-Uul	C-12/48	A	A	48	12	3	1	8	
5	Biger	ATC	A	A	100	75	9	1	65	
6	Bugat	ATC-50/200	A	A	50	21	5	1	15	
7	Chandmani	C-12/48	A	A	48	16	7	1	8	
8	Darvi	C-12/48	A	A	48	34	9	2	23	
9	Delger	C-12/48	A	A	48	15	7	0	8	
10	Erdene	ATC	A	A	16	22	9	1	12	
11	Guulin	ATC-50/200	A	A	100	60	7	0	53	
12	Jargalan	ATC-50/200	A	A	50	8	7	1	0	
13	Khaliun	C-12/48	A	A	48	14	6	1	7	
14	Khukhmort	C-12/48	A	A	48	37	10	2	25	
15	Sharga	ATC	A	A	16	0	0	0	0	
16	Taishir	manual	M			7	6	1	0	
17	Tonkhil	ATC	A	A	100	62	11	1	50	
18	Tseel	ATC	A	A		9	5	1	3	
19	Tsogt	ATC	A	A	100	80	4	1	75	
20	Tugrug	C-12/48	A	A	48	25	10	1	14	
	Total		---		2,666	1,737	301	144	1,292	---

Type D = Digital, A = Analogue, M = Manual.

Dornogovi

No.	Aimag/Sum	Switching Facilities			Capacity	Total	Subscriber			No. of circuits to/from Aimag
		Model	Type	Type			Public	Business	Private	
1	Aimag center	EWSD	D	D	1,650	1,054	165	102	787	
2	Airag	ATC-50	A	A	50	20	0	0	20	
3	Altanshiree	ATC-100	A	A	100	61	8	3	50	
4	Dalanjargalan	EM-48	A	A	48	0				
5	Delgerekh	manual	M	M		0				
6	Erdene	EM-48	A	A	48	16	4	2	10	
7	Ikkhet	manual	M	M		12			12	
8	Khajuulaan	manual	M	M						
9	Khatanbulag	ATC-50	A	A	50	10	8	2	0	
10	Khuvsgul	manual	M	M		0				
11	Mandakh	manual	M	M		0				
12	Saikhandulaan	manual	M	M		0				
13	Sulinkheer	manual	M	M						
14	Ulaanbadrakh	manual	M	M		0				
15	Urgun	EM-48	A	A	48	14	7	5	2	
16	Zamiin-Uud	HICOM	D	D	300	236	22	8	206	
17	Zulegt	ATC-50	A	A	50	0				
18	Zuunbayan	ATCK-200	A	A	200	119	41	2	76	
	total				2,544	1,542	255	124	1,163	---

Type D = Digital, A = Analogue, M = Manual.

Dornod

No.	Aimag/Sum	Switching Facilities			Capacity	Total	Subscriber			No. of circuits to/from Aimag
		Model	Type	Capacity			Public	Business	Private	
1	Aimag center	EWSD	D	2,227	1,596	225	145	1,226		
2	Bayandun	manual	M		0					
3	Bayantumen	manual	M		0					
4	Bayan-uul	manual	M		0	0	0	0	1	
5	Bulgan	KX16/32	D	32	18	8	4	6		
6	Dashbalbar	C-12/48	A	48	6	5	1		1	
7	Ereentsav	manual	M		0				2	
8	Gurbanzagal	C-12/48	A	48	13	9	2	2		
9	Khalkhgol	manual	M		0				1	
10	Kherlen /Choibalsan/	C-12/48	A	48	27	10	7	10		
11	Khulunbuir	Panasonic-64	D	32	16	10	1	5		
12	Matad	KX616	D	16	2	2				
13	Sergelen	KX16/32	D	16	9	4	1	4		
14	Sumber	manual	M		0				4 (VSAT)	
15	Tsagaan-Ovoo	manual	M		0	0	0	0		
	Total		---	2,467	1,687	273	161	1,253	---	

Type D = Digital, A = Analogue, M = Manual.

Dundgovi

No.	Aimag/Sum	Switching Facilities			Capacity	Total	Subscriber		No. of circuits to/from Aimag
		Model	Type	Public			Business	Private	
1	Aimag center	EWS	D	1,500	1,145	156	149	840	
2	Adaatsag	C-12/48	A	48	34	5	1	28	
3	Bayanjargalan	Manual	M	20	0	0	0	0	
4	Delgerkhangai	C-12/48	A	48	49	10	3	36	
5	Delgertsogt	ATCK-50/200	A	50	30	11	2	17	
6	Deren	ATCK-50/200	A	100	74	10	4	60	
7	Erdenedalai	Panasonic	D	256	178	17	9	152	
8	Gobi-Ugtaal	ATCK-50/200	A	100	67	13	2	52	
9	Gurbansaikhhan	ATCK-50/200	A	50	25	6	3	16	
10	Khuld	C-12/48	A	48	38	9	2	27	
11	Luus	C-12/48	A	48	36	9	1	26	
12	Saikhan-Ovoo	C-12/48	A	48	21	8	1	12	
13	Tsagaandelger	C-12/48	A	48	23	8	1	14	
14	Ulziit	Manual	M		0	0	0	0	
15	Undurshil	EM-48	A	48	6	4	2	0	
	Total		---	2,412	1,726	266	180	1,280	---

Type D = Digital, A = Analogue, M = Manual.

Zavkhan

No.	Aimag/Sum	Switching Facilities			Capacity	Total	Subscriber		No. of circuits to/from Aimag
		Model	Type	Public			Business	Private	
1	Aimag center	EWSD	D	1,568	1,022	197	98	727	
2	Aldarkhaan	C-12/48	A	48	30	25	0	5	
3	Asgat	manual	M		2	2	0	0	
4	Bayankhairkhan	manual	M		5	5	0	0	
5	Bayantes	manual	M		8	7	1	0	
6	Buinai	HICOM	D	400	300	23	17	260	
7	Durvulzin	manual	M		10	6	4	0	
8	Erdenekhairkhan	manual	M		14	11	3	0	
9	Ilder	manual	M		5	3	2	0	
10	Ikch-Uul	manual	M		7	6	1	0	
11	Nurnrug	manual	M		3	3	0	0	
12	Otgon	KXT-616	D	16	14	8	0	6	
13	Santmargaz	manual	M		2	2	0	0	
14	Shiluustei	C-12/48	A	48	17	7	0	10	
15	Songino	manual	M		5	5	0	0	
16	Telmen	manual	M		2	2	0	0	
17	Tes	C-12/48	A	48	32	17	1	14	
18	Tsagaanchuluut	manual	M		5	5	0	0	
19	Tsagaankhairkhan	manual	M		7	5	2	0	
20	Tsetsenuul	manual	M		13	12	1	0	
21	Tudevtei	ATC-100	A	100	72	9	2	61	
22	Urgamal	manual	M		5	4	1	0	
23	Yaruu	manual	M		2	2	0	0	
24	Zavkhanmandal	manual	M		5	4	1	0	
	Total			2,228	1,587	370	134	1,083	

Type D = Digital, A = Analogue, M = Manual.

Uvurkhangai

No.	Aimag/Sum	Switching Facilities			Subscriber			No. of circuits to/from Aimag
		Model	Type	Capacity	Total	Public	Business	
1	Aimag center	SDE	D	1,760	1,644	171	162	1,311
2	Bat-Ulzii	C-12/48	A	48	23	9	2	12
3	Bayangol	C-12/48	A	48	40	14	0	26
4	Bayan-Undur	C-12/48	A	48	1	1	0	0
5	BB-Ulaan	ATC-50/200	A	50	0	0	0	0
6	Bogd	C-12/48	A	48	0		0	0
7	Burd	ATC-50/200	A	50	22	9	4	9
8	Guchin-Uс	Panasonic	D	100	38	6	1	31
9	Kharkhandulaan	ATC-50/203	A	50	0	0	0	0
10	Kharkhorin	ATC-50/205	A	1,000	720	39	67	614
11	Khuzirt	ATC-50/204	A	280	197	22	9	166
12	Nariinteel	ATC-50/200	A	50	17	9	0	8
13	Sant	ATC-50/200	A	50	10	8	2	0
14	Taragt	ATC-50/200	A	50	21	7	0	14
15	Tugrug	EM-48	A	48	21	6	4	11
16	Ulziiit	ATC-40/80	A	40	4	4	0	0
17	Uurkha	C-12/48	A	48	0	0	0	0
18	Yanga	ATC-50/202	A	150	130	13	4	113
19	ZB Ulaan	manual	M	50	31	6	5	20
20	Zyil	ATC-50	A	100	60	8	2	50
	Total		---	4,068	2,979	332	262	2,385

Type D = Digital, A = Analogue, M = Manual.

Umnogovi

No.	Aimag/Sum	Switching Facilities			Capacity	Total	Subscriber		No. of circuits to/from Aimag
		Model	Type	Public			Business		
1	Aimag center	EWSD	D	1,864	1,555	208	142	1,205	
2	Bayandalai	manual	M		0				
3	Bayan-Ovoo	manual	M		0				
4	Bulgan	C-12/48	A	48	10	4	4	2	
5	Gurbantes	manual	M		0				
6	Khanbogd	manual	M		0				
7	Khankhongor	C-12/48	A	48	30	10	0	20	
8	Khurmen	manual	M		0				
9	Mandal-Ovoo	C-12/48	A	48	23	10	2	11	
10	Manlai	manual	M		0				
11	Nomgon	manual	M		0				
12	Noyon	manual	M		0				
13	Sevrei	manual	M		0				
14	Tavantolgoi	manual	M						
15	Tsogt-Ovoo	manual	M		0				
16	Tsogtsetsii	manual	M		0				
	total		---	2,008	1,618	232	148	1,238	

Type D = Digital, A = Analogue, M = Manual.

Sukhbaatar

No.	Aimag/Sum	Switching Facilities			Capacity	Total	Subscriber		No. of circuits to/from Aimag
		Model	Type	Type			Public	Business	
1	Aimag center	EWS	D	D	1,071	792	160	68	564
2	Asgat	manual	M	M		8	4	4	0
3	Bayandelger	Panasonic	D	D	30	16	5	1	10
4	Dariganga	ATC-50/200	A	A	50	1	1	0	0
5	Erdenetsagaan	C-12/48	A	A	48	13	11	2	0
6	Khalzan	C-12/48	A	A	48	7	3	1	3
7	Munkhkhagan	C-12/48	A	A	48	30	4	2	24
8	Naran	manual	M	M		2	2	0	0
9	Ongon	ATC-50/200	A	A	50	5	4	1	0
10	Sukhbaatar	ATC-50	A	A	50	1	1	0	0
11	Talbulag (uurkhai)	manual	M	M					
12	Tumentsogt	ATC-50	A	A	100	54	10	6	38
13	Tuvsinshiree	manual	M	M		0	0	0	0
14	Uulbayan	manual	M	M		0	0	0	0
	Total				1,495	929	205	85	639

Type D = Digital, A = Analogue, M = Manual.

Selenge

No.	Aimag/Sum	Switching Facilities			Capacity	Total	Subscriber			No. of circuits to/from Aimag
		Model	Type	Type			Public	Business	Private	
1	Aimag center	SDE	D	D	1,880	1,376	191	158	1,027	
2	Altanbulag	HICOM	D	D	200	89	12	7	70	2
3	Baruunburen	ATC-50/200	A	A	100	49	16	3	30	
4	Bayangol	ATC-50/200	A	A	160	144	16	25	103	
5	Bugant	ATC-50/200	A	A	100	44	22	17	5	
6	Dulaankhaan	ATC-50/200	A	A	100	7	3	1	3	1
7	Eruu	ATC-50/200	A	A	100	70	10	14	46	2
8	Javkhiant	ATC-50/200	A	A	50	18	6	2	10	1
9	Khuder	ATC-50/200	A	A	50	12	4	8	0	
10	Khushaat	ATC-50/200	A	A	50	10	8	2	0	
11	Khutul	ATC-100/2000	A	A	600	518	31	54	433	
12	Orkhon	C-12/48	A	A	48	11	2	5	4	1
13	Orkhontuul	ATC-50/200	A	A	50	31	17	8	6	1
14	Saikhan	ATC-50/200	A	A	100	25	10	15	0	
15	Sant	ATC-50/200	A	A	50	33	14	8	11	1
16	Shaamar	ATC-50/200	A	A	100	72	13	5	54	
17	Tsagaannuur	ATC-50/200	A	A	100	45	15	30	0	2
18	Tunkhel	ATC-50/200	A	A	100	9	7	0	2	
19	Tushig	ATC-50/200	A	A	50	10	5	5	0	
20	Zuunburen	Panasonic	D	D	32	10	8	2	0	1
21	Zuunkharaa	ATC-100/2000	A	A	1,000	642	64	43	535	
	total		---	---	5,020	3,225	474	412	2,339	---

Type D = Digital, A = Analogue, M = Manual.

Tuv

No.	Aimag/Sum	Switching Facilities			Total	Subscriber		No. of circuits to/from Aimag
		Model	Type	Capacity		Public	Business	
1	Aimag center	EWS	D	2,016	1,249	261	103	885
2	Altanbulag	KXTA-616	D	16	3	3		
3	Argalant	ATC-50/200	A	50	12	6	6	0
4	Arkhuut	C-12/48	A	48	7	6	1	0
5	Batsumber	CO-102	A	102	3	3	0	0
6	Bayan	ATC-50/200	A	50	24	12	6	6
7	Bayanchandman	ATCK-50/200	A	100	54	25	6	23
8	Bayandelger	MC-52	A	28	29	12	2	15
9	Bayanjargalan	ATC-50/200	A	50	15	11	4	0
10	Bayankhangai	ATC-50/200	A	50	13	7	6	0
11	Bayantsagaan	ATC-50/200	A	50	11	10	1	0
12	Bayantsogt	CO-102	A	102	30	17	3	10
13	Bayan-Unzuul	manual	M		0	0	0	0
14	Bornuur	PT-70	A	70	30	15	5	10
15	Buren	KXTA-616	D	16	11	10	1	0
16	Delgerkhaan	KXTA-616	D	16	15	11	4	0
17	Erdene	ATCK-50/200	A	50	17	14	3	0
18	Erdenesant	ATCK-50/200	A	100	58	19	13	26
19	Jargalant	ATCK-50/200	A	100	55	19	11	25
20	Lun	ATCK-50/200	A	100	80	16	9	55
21	Mungunmort	Panasonic	D	24	0	11	6	7
22	Sergelen	BPC-20	A	20	8	8	0	0
23	Sumber	manual	M		0	0	0	0
24	Tseel	ATCK-50/200	A	100	31	18	4	9
25	Ugtaal	ATCK-50/200	A	100	36	11	3	22
26	Undurshireet	C-12/48	A	48	4	4	0	0
27	Zaamar	ATCK-50/200	A	50	32	16	8	8
28	Zanchivilan	C-12/48	A	48	2	2	0	0
	Total		---	3,504	1,829	547	205	1,101

Type D = Digital, A = Analogue, M = Manual.

Uvs

No.	Aimag/Sum	Switching Facilities			Capacity	Total	Subscriber		No. of circuits to/from Aimag
		Model	Type	Public			Business	Private	
1	Aimag center	EWS	D	2,016	1,846	193	116	1,537	
2	Baruunturuun	KX16/32	D	32	12	6	6		2 (VSAT)
3	Bokhmurun	manual	M		2	2			1
4	Davst	manual	M						1
5	Kharkhira	ATC	A	50					1
6	Khovd	manual	M						1
7	Khyrgas	C12/48	A	48	1	1			1
8	Malchin	ATCK	A	50	1	1			1
9	Naranbulag	C-12/48	A	48					1
10	Sagil	ATC	A	50					1
11	Tarialan	manual	M		1	1			1
12	Tes	KX	D	100					1
13	Tsagaanhairkhan	C12/48	A	48	4	3	1		
14	Turgen	manual	M						1
15	Ulgii	manual	M						1
16	Umnugobi	KX	D	100	12	10	2		1
17	Undurkhangai	manual	M		1	1			
18	Zavkhan	manual	M		1	1			1
19	Zuungobi	manual	M						1
20	Zuunkhangai	manual	M		2	2			1
	Total		---	2,542	1,883	221	125	1,537	---

Type D = Digital, A = Analogue, M = Manual.

Khoud

No.	Aimag/Sum	Switching Facilities			Capacity	Total	Subscriber		No. of circuits to/from Aimag
		Model	Type	Public			Business	Private	
1	Aimag center	EWS	D	2,048	1,241	217	160	864	
2	Altai				0				
3	Bulgan	ATC-50/200	A	100	34	11	3	20	
4	Buyant	ATC-50/200	A	50	13	11	2	0	
5	Chandman	C-12/48	A	48	2	2			
6	Darvi	C-12/48	A	48	34	9	1	24	
7	Durgun	C-12/48	A	48	21	7	1	13	
8	Duut				1	1	0	0	
9	Erdeneburen	ATC-50/200	A	50	8	8			
10	Khovd				1	1			
11	Mankhan	ATC-50/200	A	50	11	3	2	6	
12	Munkkhaan	ATC-50/200	A	50	5	5	0	0	
13	Must	C-12/48	A	48	17	9	2	6	
14	Myngad	ATC-50/200	A	50	7	5	2	0	
15	Tsetseg	C-12/48	A	48	10	9	1	0	
16	Uench	E-100	A	128	40	12	0	28	
17	Zereg	Panasonic	D	16	11	6	1	4	
	Total		---	2,782	1,456	316	175	965	

Type D = Digital, A = Analogue, M = Manual.

Khuvs gul

No.	Aimag/Sum	Switching Facilities			Capacity	Subscriber			No. of circuits to/from Aimag
		Model	Type	Type		Total	Public	Business	
1	Aimag center	EWS D	D		2,320	2,014	260	218	1,536
2	Alag-Erdene	manual	M			5	4	1	
3	Arbulag	manual	M			17	12	2	3
4	Bayanzurkh	manual	M			15	13	1	1
5	Burenkhaan	manual	M			3	1	2	0
6	Burentogtokh	Panasonic	D		48	48	12	0	36
7	Chandman Undur	C-12/48	A		48	10	8	2	0
8	Erdenebulgan	C-12/48	A		48	7	4	3	
9	Galt	manual	M			8	8	0	0
10	Ikht-Uul	ATC-40	A		40	32	12	3	17
11	Jargal	E-48	A		48	25	9	1	15
12	Khankh	manual	M			8	5	3	0
13	Khatgal	HICOM	D		200	20	9	3	8
14	Rashaant	C-12/48	A		48	19	10	2	7
15	Renchinikhumbе	C-12/48	A		48	22	11	3	8
16	Shine-Ider	manual	M			14	7	4	3
17	Tarialan	ATC-50/200	A		100	88	11	7	70
18	Tosontsengel	C-12/48	A		48	8	8	0	0
19	Tsagaan	Panasonic	D		96	52	18	5	29
20	Tsagaannuur	manual	A			8	5	1	2
21	Tsagaannuur	C-12/48	A		48	12	12	0	0
22	Tsetserleg	ATC-50	A		40	13	13	0	0
23	Tumurbulag	ATC-40	A		40	14	10	3	1
24	Tunel	manual	M			9	8	1	0
25	Ulaan-Uul	manual	M			19	7	3	9
	Total				3,220	2,490	477	268	1,745

Type D = Digital, A = Analogue, M = Manual.

Khentii

No.	Aimag/Sum	Switching Facilities			Capacity	Total	Subscriber		No. of circuits to/from Aimag
		Model	Type	Capacity			Public	Business	
1	Aimag center	EWSD	D	1,640	1,064	197	148	719	1
2	Batnorov	manual	M						1
3	Batshireet	manual	M						1
4	Bayanadruga	manual	M						1
5	Bayankhutagt	ATCK-50/200	A	50	25	8	0	17	1
6	Bayanmunkh	C-12/48	A	32	14	5	2	7	1
7	Bayan-Ovoo	manual	M						1
8	Berkh	Panasonic	D	16	2	0	2	0	4
9	Binder	manual	M						1
10	Bor-Undur	ATC-50/200	A	400	413	29	27	357	
11	Dadal	manual	M						1
12	Darkhan	manual	M						1
13	Delgerkhaan	manual	M						
14	Galshar	manual	M						1
15	Gurbanbulag	ATC-50/200	A	50					1
16	Jargaltkhaan	MC-52	A	20	24	8	3	13	1
17	Khajuu-Ujaan	manual	M						1
18	Murun	C-12/48	A	16	12	6	0	6	1
19	Norovlin	manual	M						1
20	Tsenkhermandal	manual	M						1
21	Ulziit	ATC-50/200	A	50	39	8	5	26	2
22	Umnudelger	MC-52	A	30	16	9	2	5	1
		EM-48	A	48	15	1	13	1	
	Total		---	2,352	1,624	271	202	1,151	---

Type D = Digital, A = Analogue, M = Manual.

Darkhan-Uul

No.	Aimag/Sum	Switching Facilities			Capacity	Total	Subscriber			No. of circuits to/from Aimag
		Model	Type	Facilities			Public	Business	Private	
1	Aimag center	EWSD	D		5,608	5,417	262	481	4,674	
2	Khongor	ATC-50/200	A		150	65	13	11	41	2
3	Orkhon	ATC-50/200	A		150	28	6	4	18	2
4	Salkhit	manual	M							
5	Shariin gol	ATC-50/200	A		500	361	38	27	296	7
	Total		---		6,408	5,871	319	523	5,029	---

Type D = Digital, A = Analogue, M = Manual.

Orkhon

No.	Aimag/Sum	Switching Facilities			Capacity	Total	Subscriber			No. of circuits to/from Aimag
		Model	Type	Facilities			Public	Business	Private	
1	Aimag center	EWSD	D		5,400	5,004	169	421	4,414	
2	Jargalant	ATC	A		2,000	1,193	165	198	830	
3	Ulaantolgoi	ATC-400	A		300	126	19	7	100	
	total		---		7,700	6,323	353	626	5,344	---

Type D = Digital, A = Analogue, M = Manual.

Govisumber

No.	Aimag/Sum	Switching Facilities			Capacity	Total	Subscriber			No. of circuits to/from Aimag
		Model	Type	Type			Public	Business	Private	
1	Aimag center (Choir)	HICOM 370	D	D	512	479	94	62	323	1
2	Bayntal	EM-48	A	A	48	14	9	2	3	3
3	Shiveegobi	Panasonic	D	D	200	150	15	17	118	1
	total		---	---	760	643	118	81	444	---

Type D = Digital, A = Analogue, M = Manual.

Nalaikh

No.	Aimag/Sum	Switching Facilities			Capacity	Total	Subscriber			No. of circuits to/from Aimag
		Model	Type	Type			Public	Business	Private	
1	Nalaikh city	EWSD	D	D	1,536	1,472	163	112	1,197	2
2	Arzanchivilan	manual	M	M						
3	Nisekh/GORDOK/	manual	M	M						
4	Shokhoi	manual	M	M						1
5	Tereij	EM-48	A	A	48	18	2	14	2	1
	Total		---	---	1,584	1,490	165	126	1,199	4

Type D = Digital, A = Analogue, M = Manual.

No.	Aimag/Sum	Switching Facilities			Subscriber			No. of circuits to/from Aimag	
		Model	Type	Capacity	Total	Public	Business		Private
1	Baganuur city	ATC	A	3,000	2,550	151	207	2,192	1
		EM-48	A	48	41	8	32	1	
		KX16/32	D	32	20	7	10	3	
		ATC-50/200	A	50	38	5	3	30	1
	Total			3,130	2,649	171	252	2,226	2

Type D = Digital, A = Analogue, M = Manual.

ANNEX 8

TRANSMISSION SYSTEM

Annex 8

Transmission System

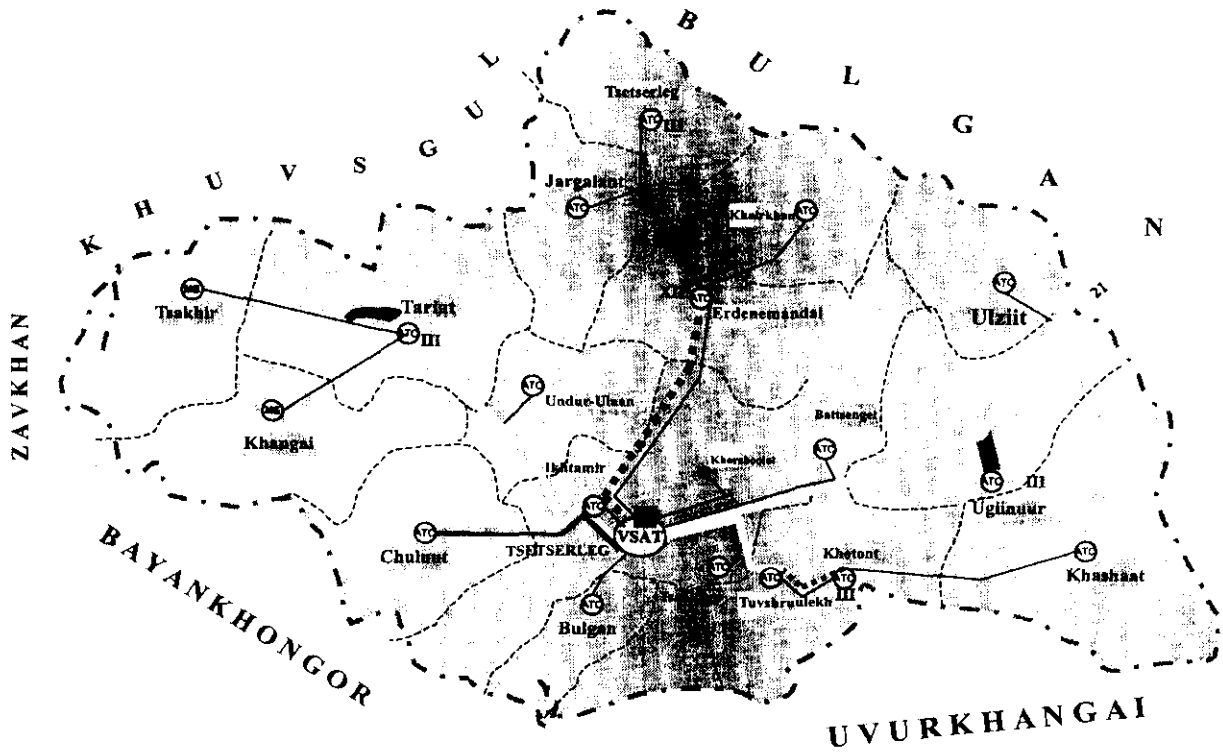
Annex 8-1 Mongolia Rural Transmission Network Configuration8-2

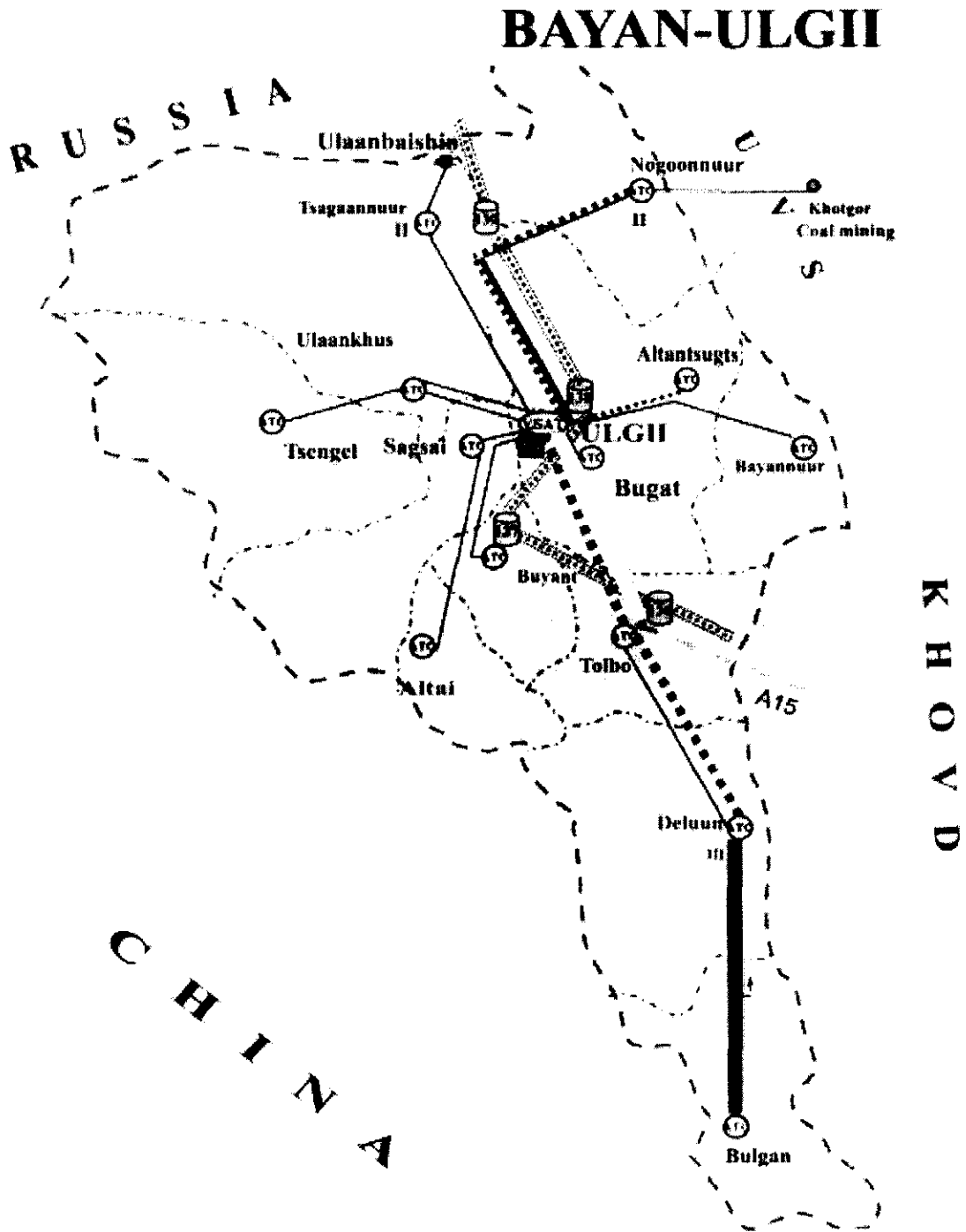
Annex 8-2 System Selection Table for Digitisation on8-21
Rural Network between Aimag centre and Sum centre

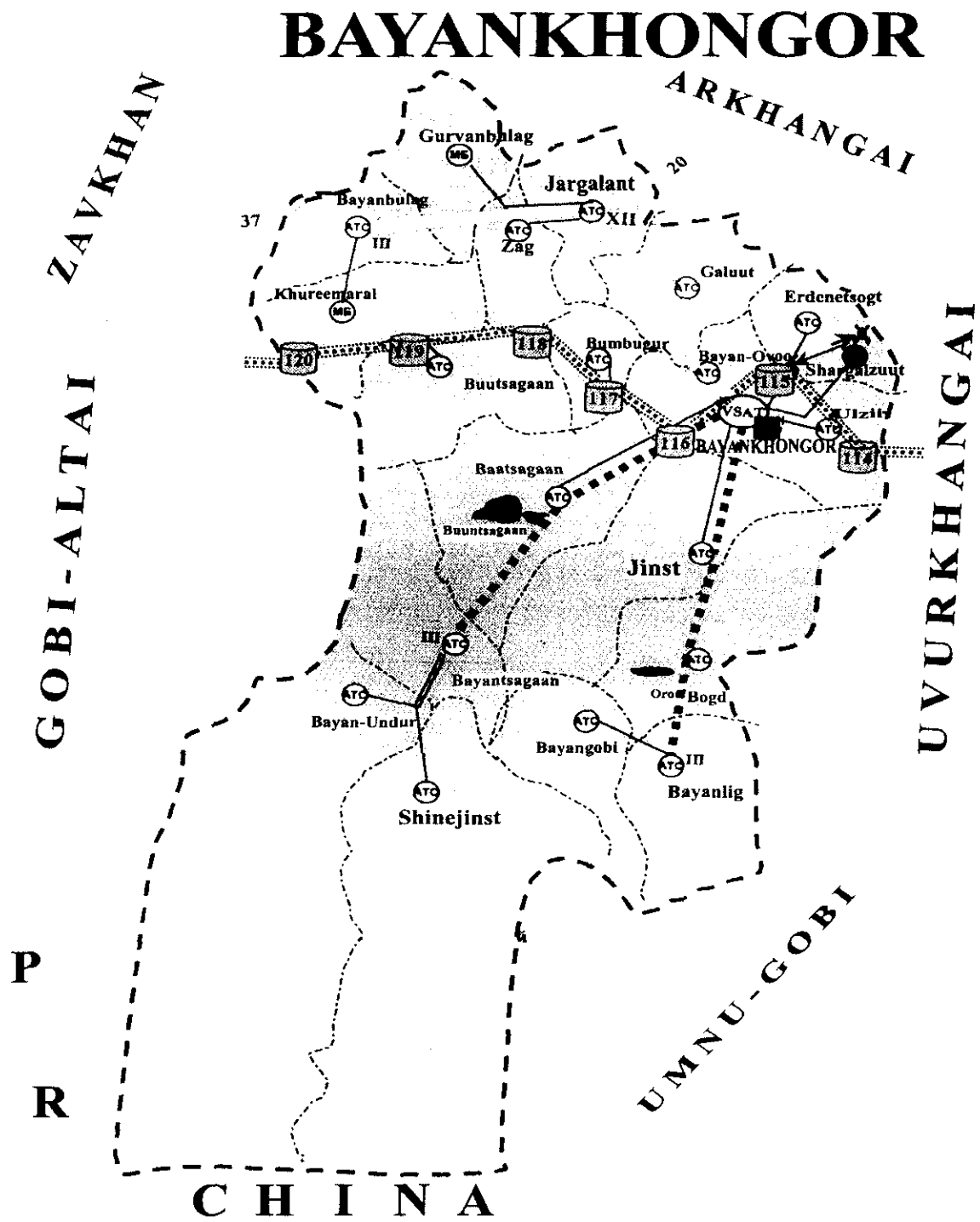
Annex 8-1 Mongolia Rural Transmission Network Configuration

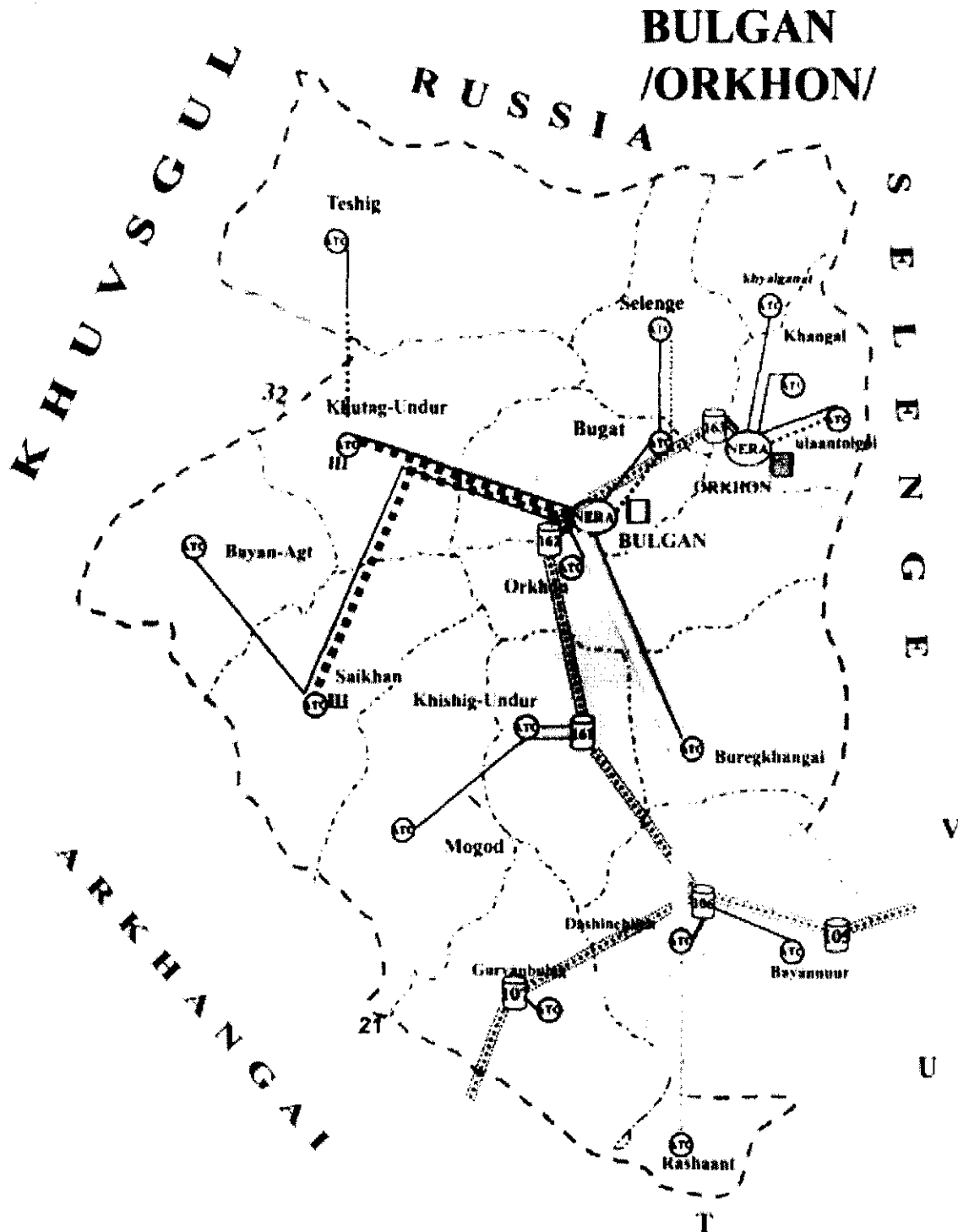
Arkhangai.....	8-3
Bayan-Ulgii.....	8-4
Bayankhongor.....	8-5
Bulgan/Orkhon.....	8-6
Dornod.....	8-7
Dornogovi/Govisumber.....	8-8
Govi-Alatai.....	8-9
Khentii.....	8-10
Khovd.....	8-11
Khuvsugul.....	8-12
Selenge/Darkhan-Uul.....	8-13
Sukhbaatar.....	8-14
Tuv.....	8-15
Umnugovi.....	8-16
Uvs.....	8-17
Uvurkhangai.....	8-18
Zavkhan.....	8-19
Dundgovi.....	8-20

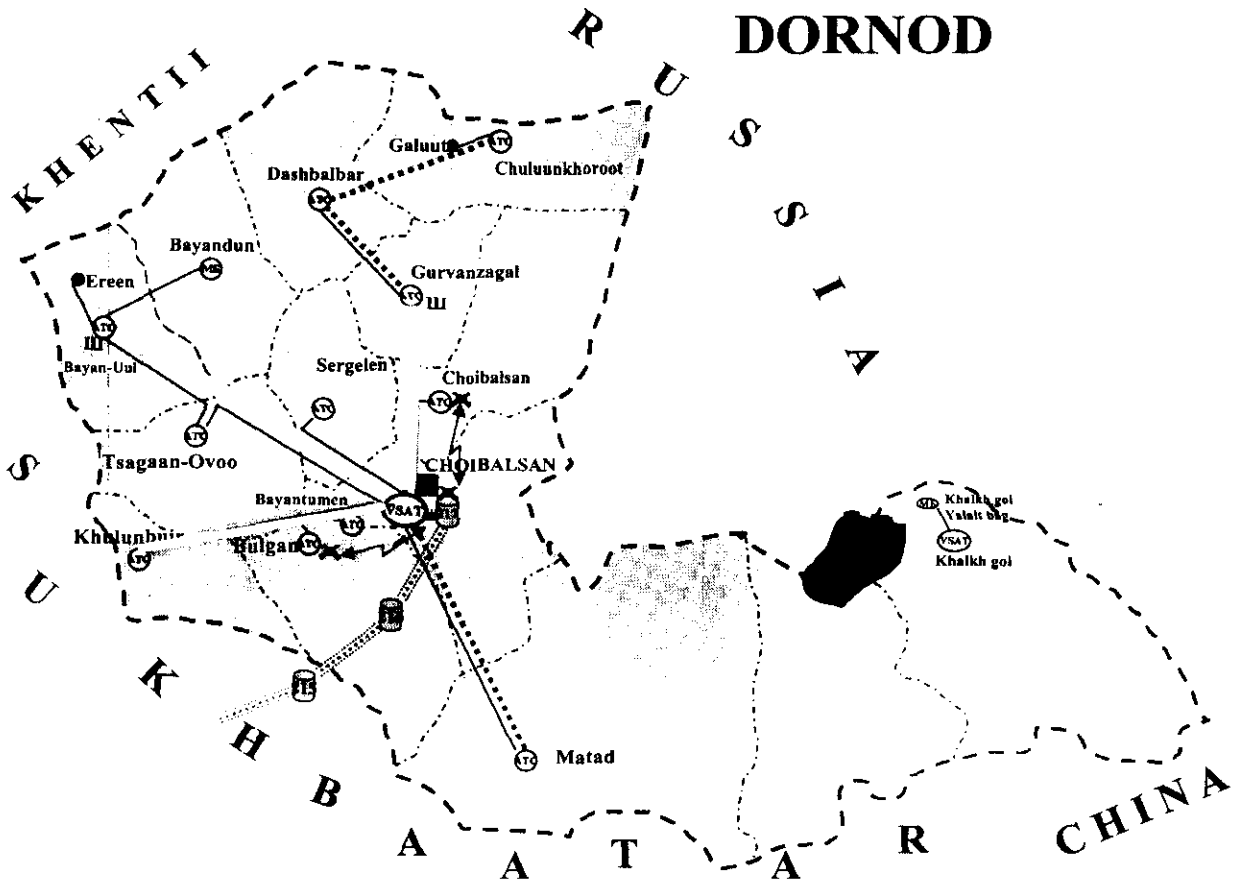
ARKHANGAI

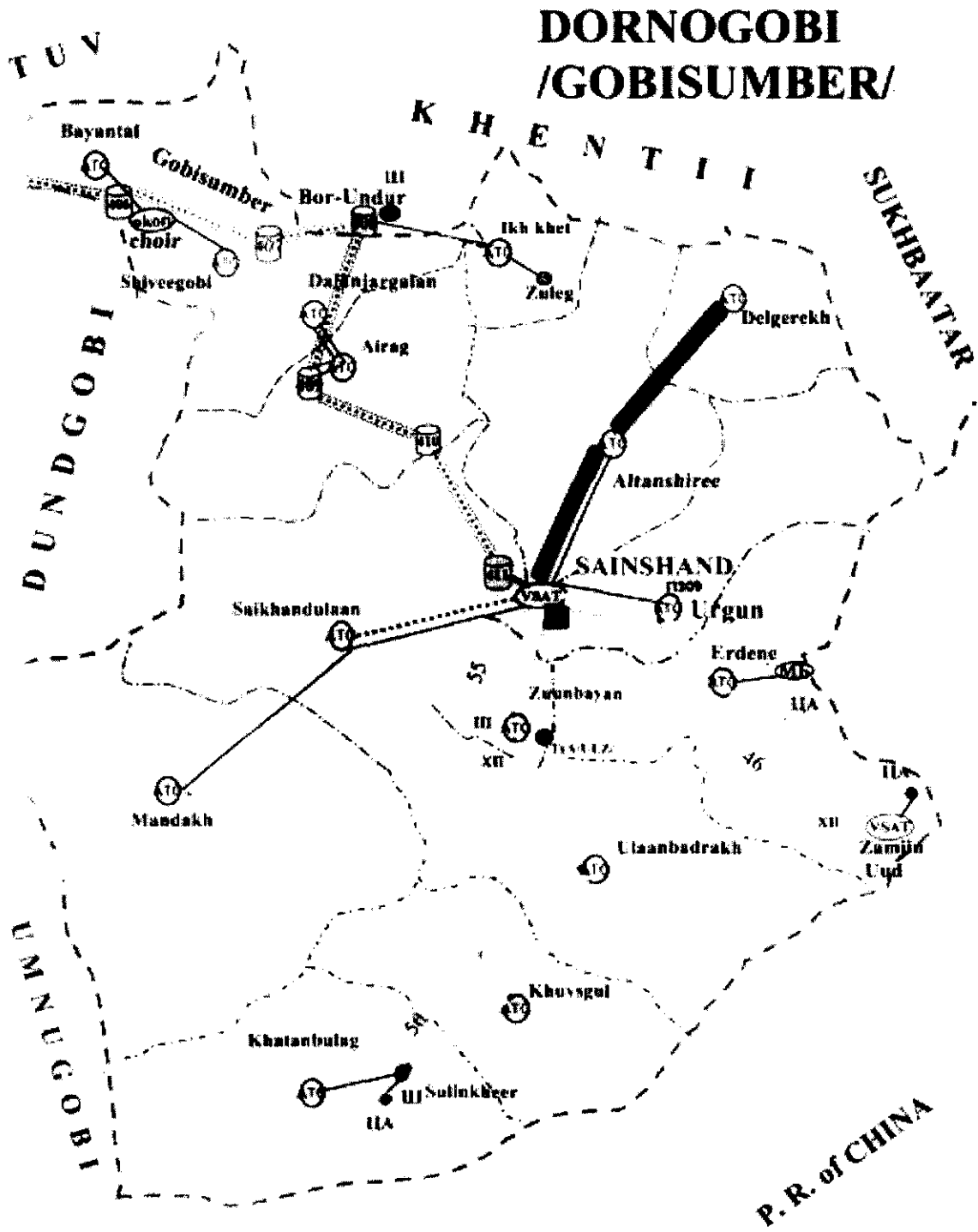




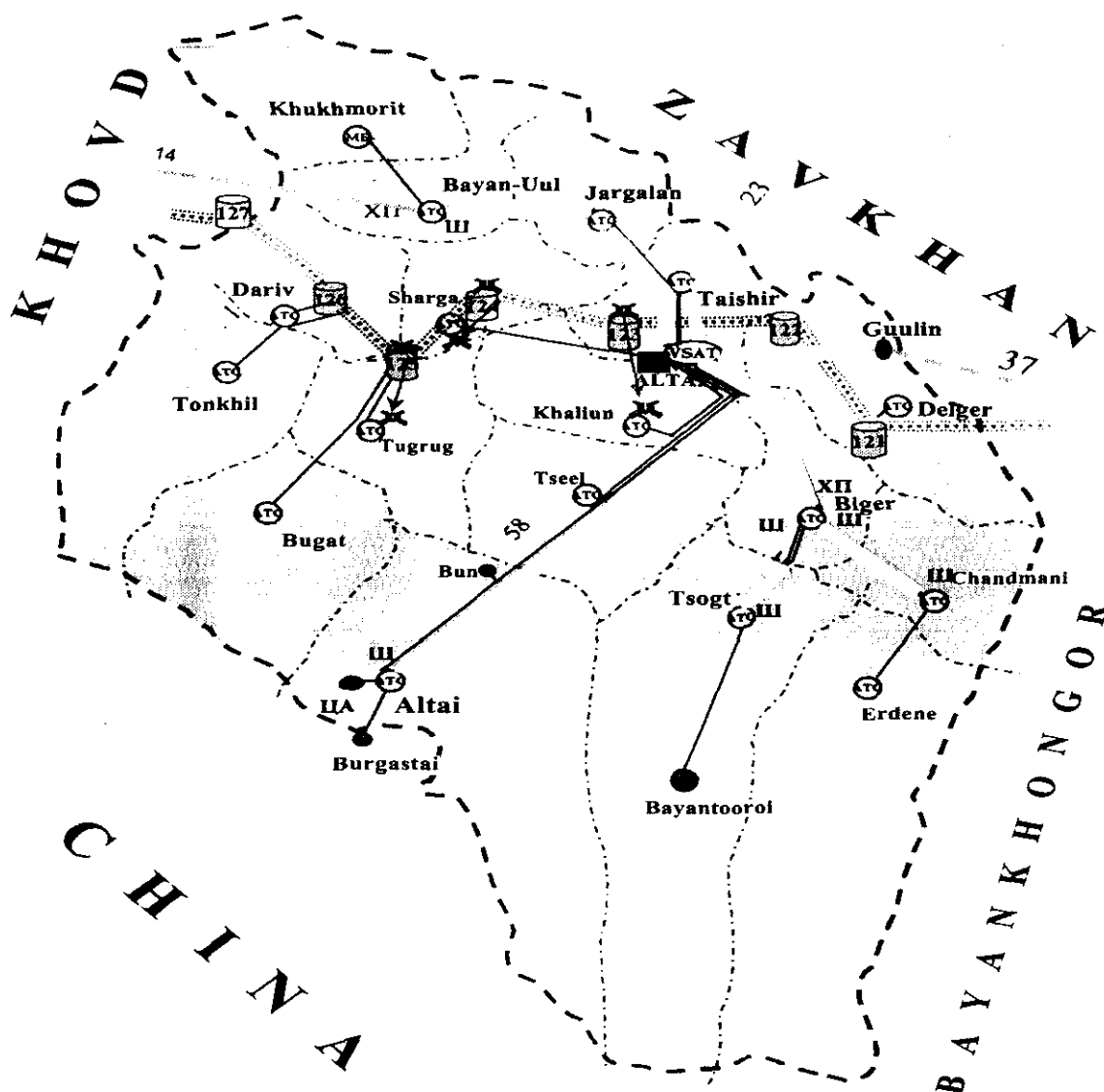


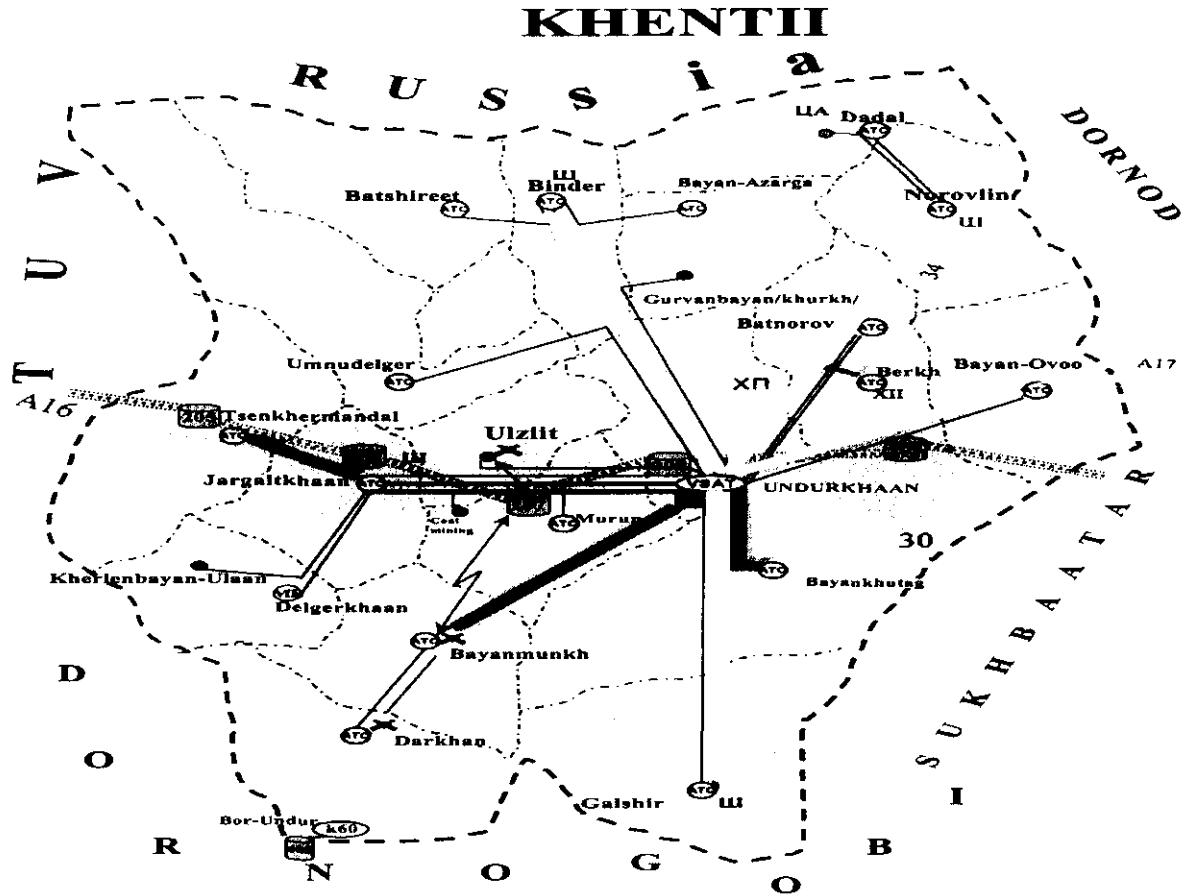




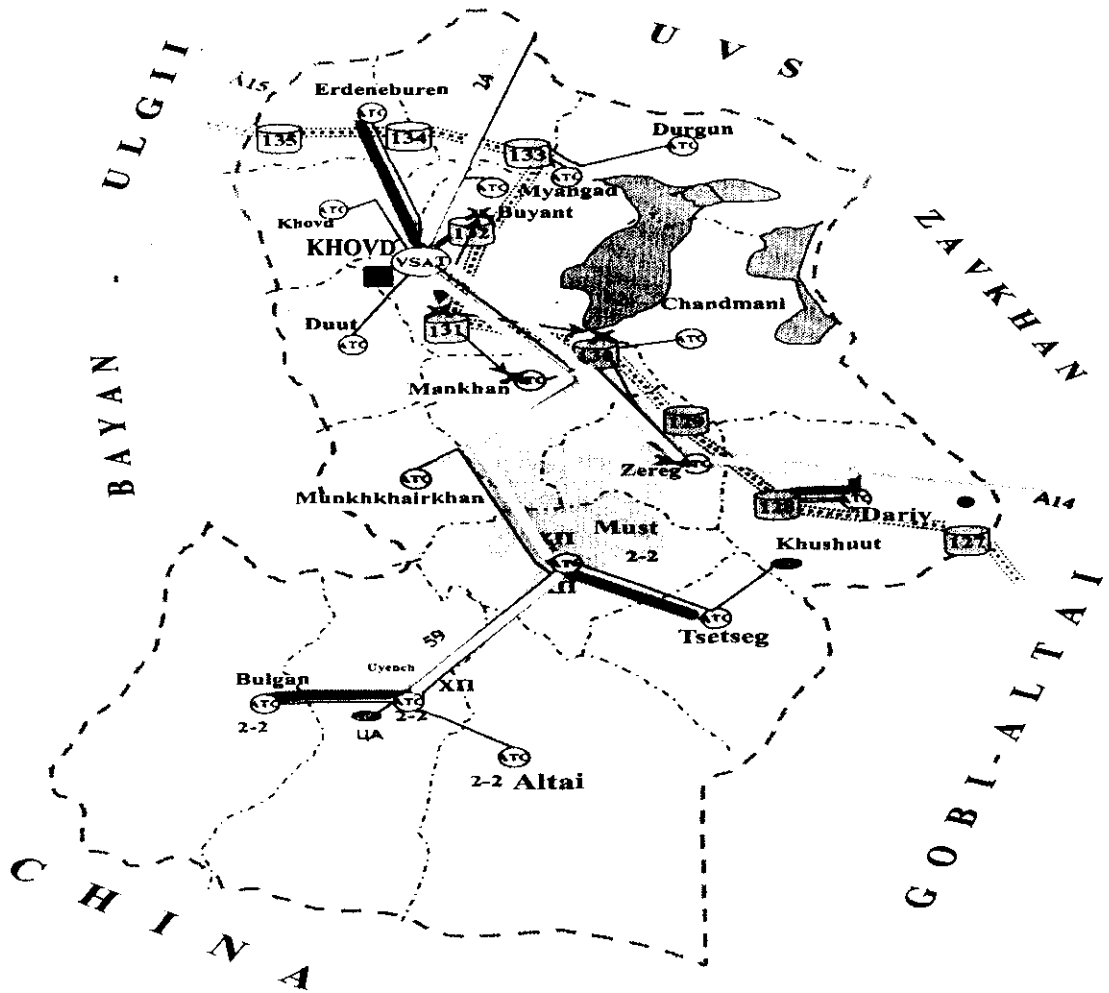


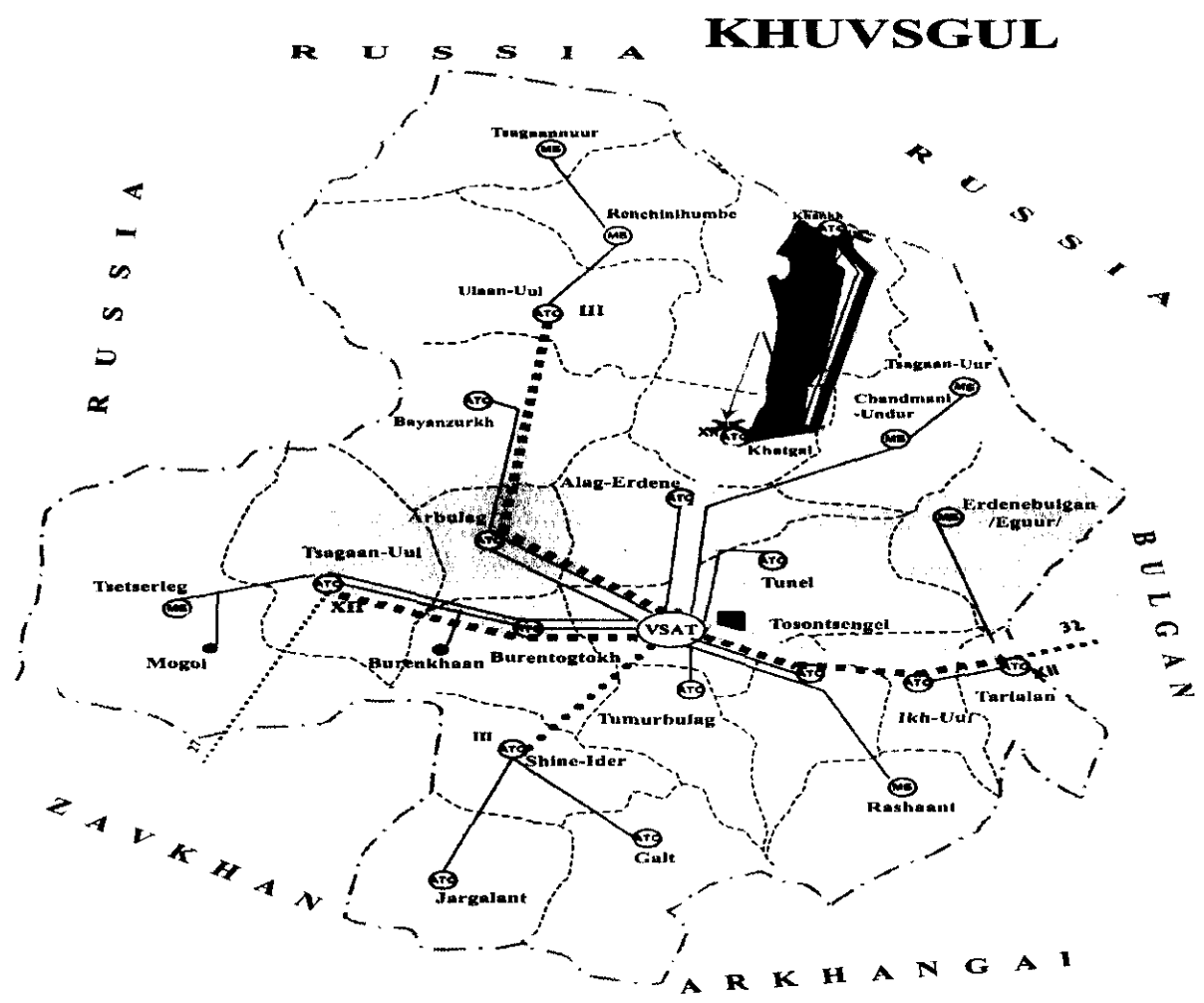
GOBI-ALTAI

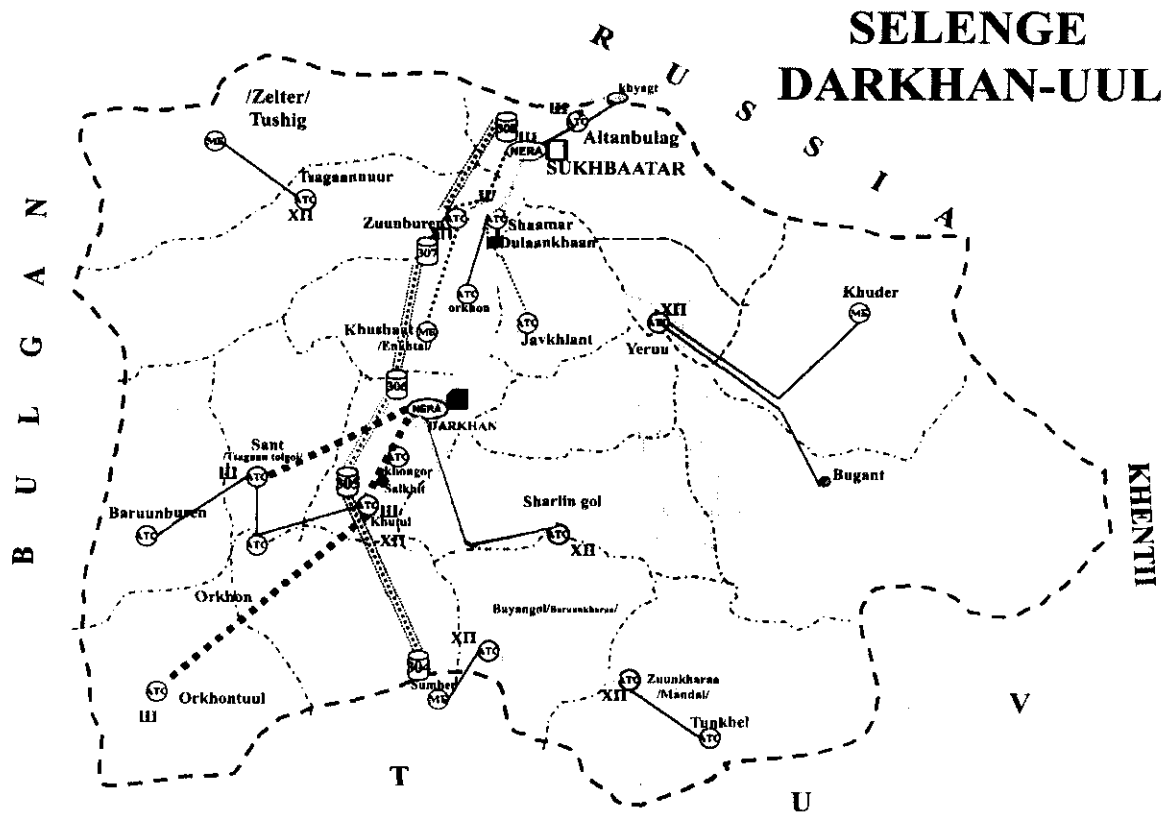


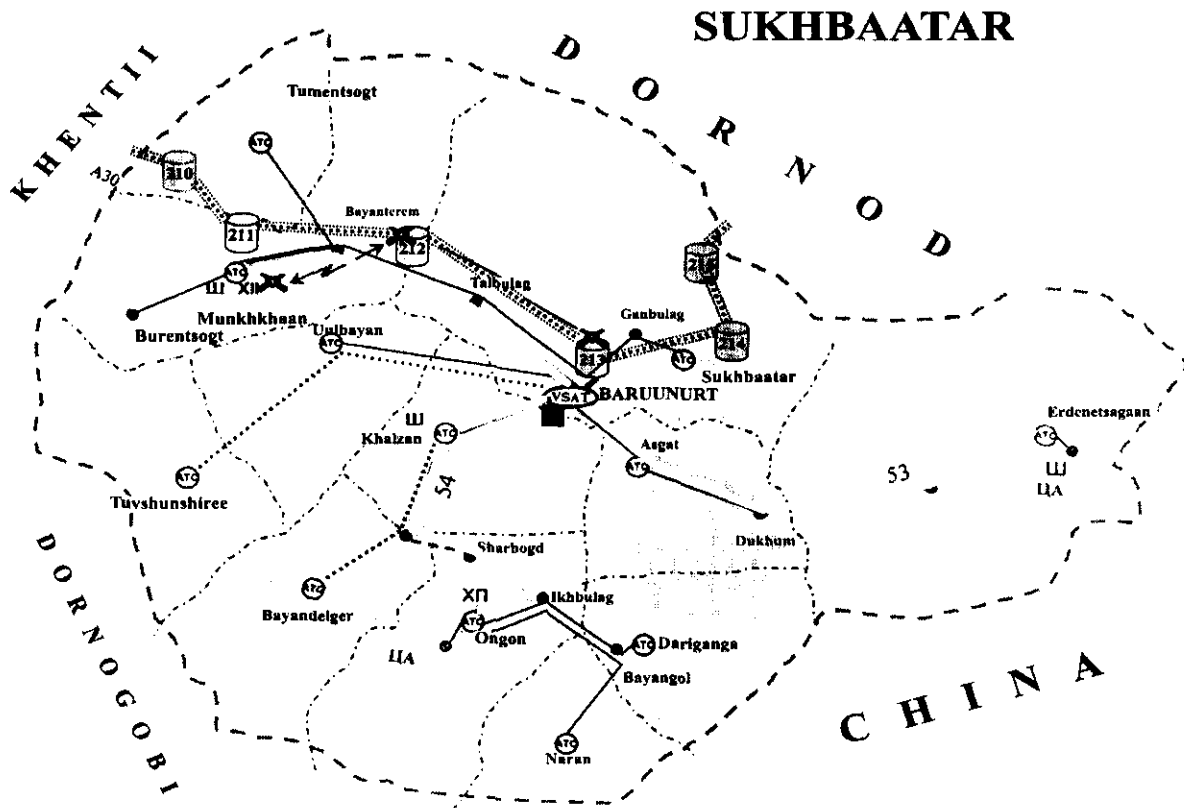


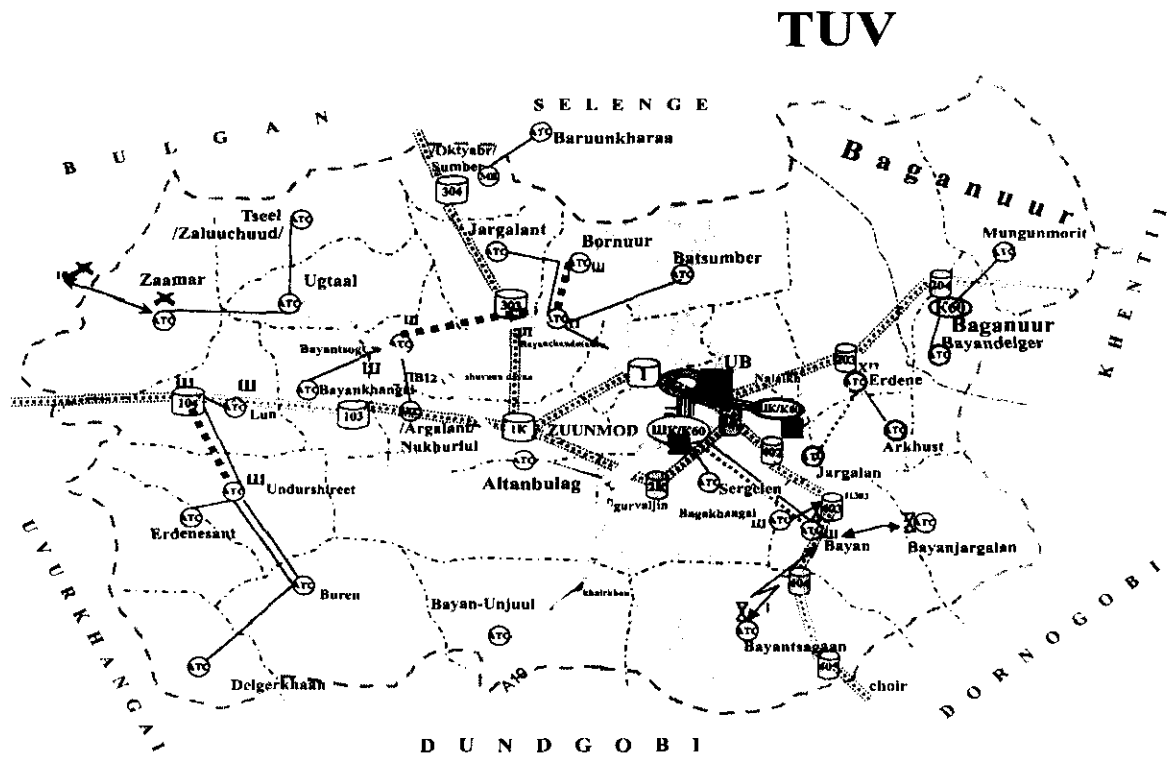
KHOVD

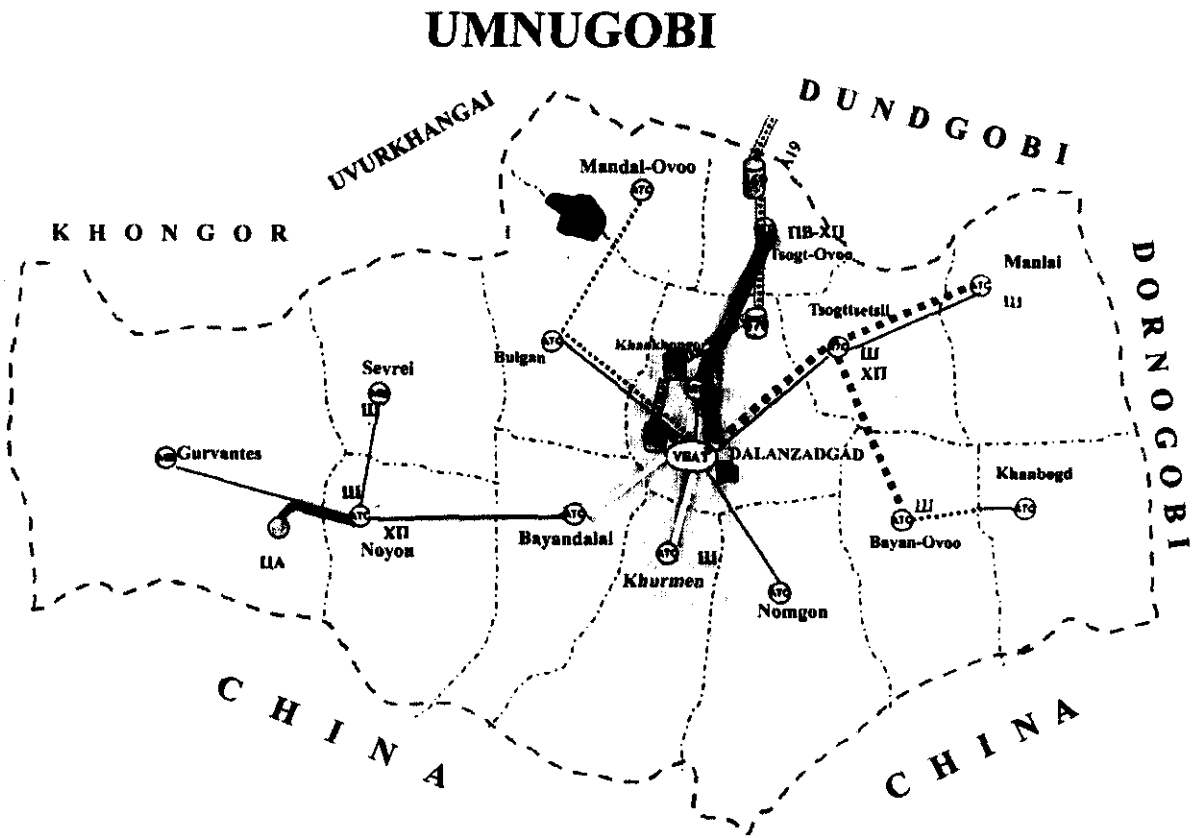


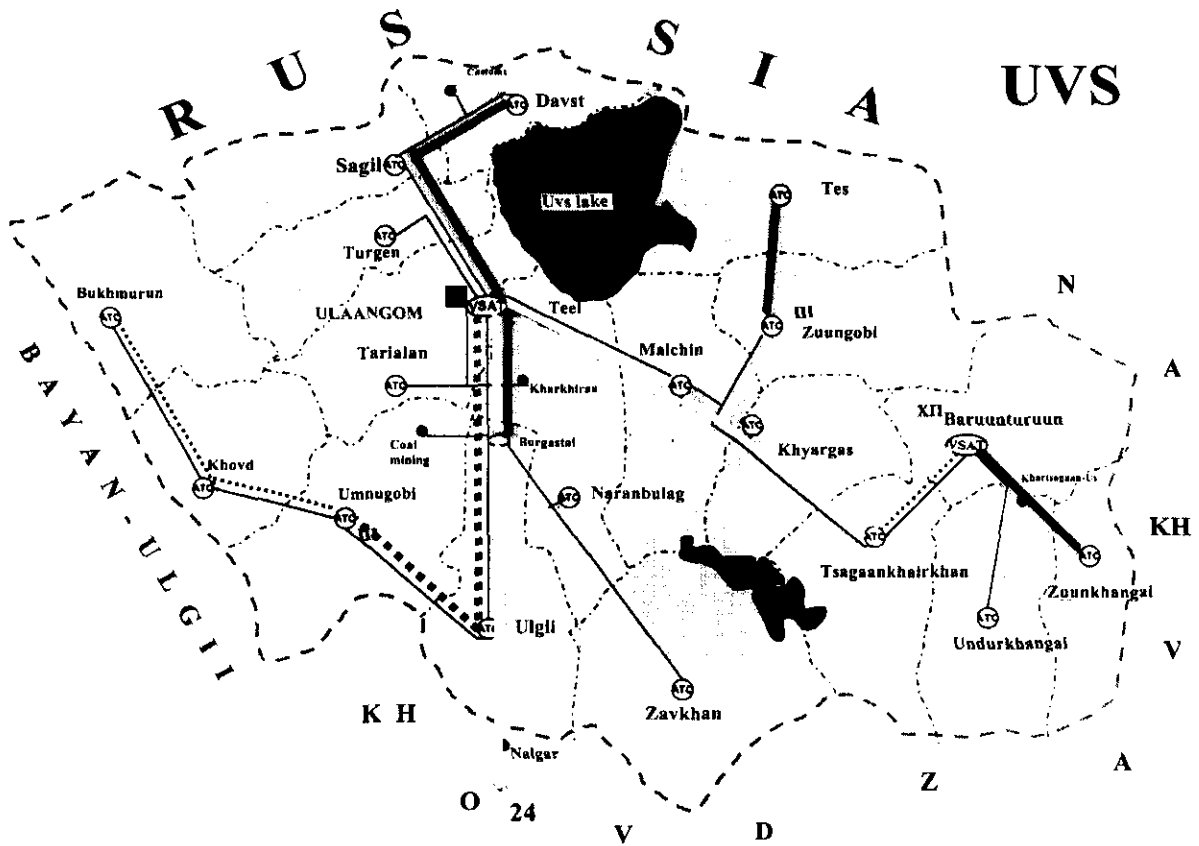


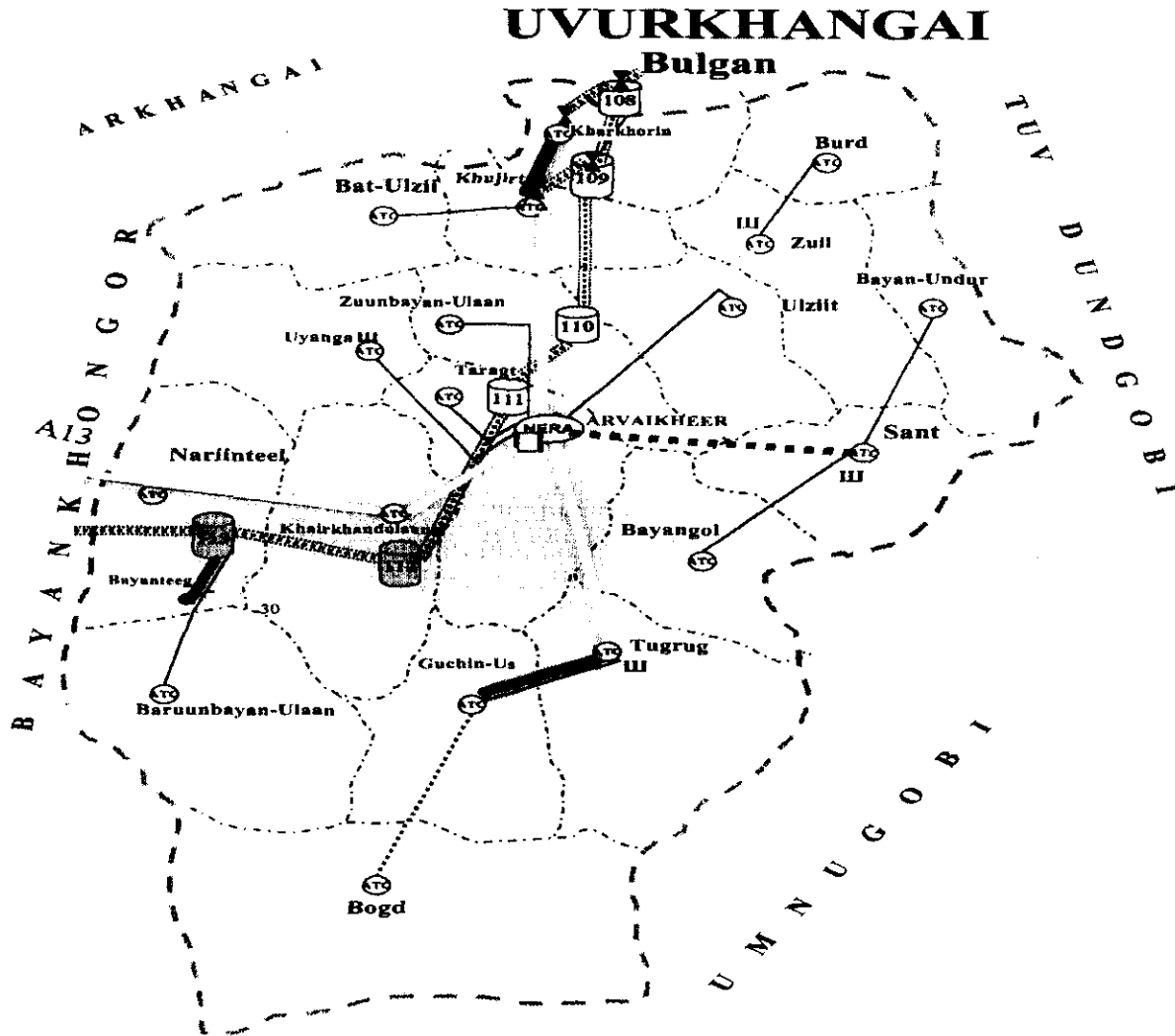


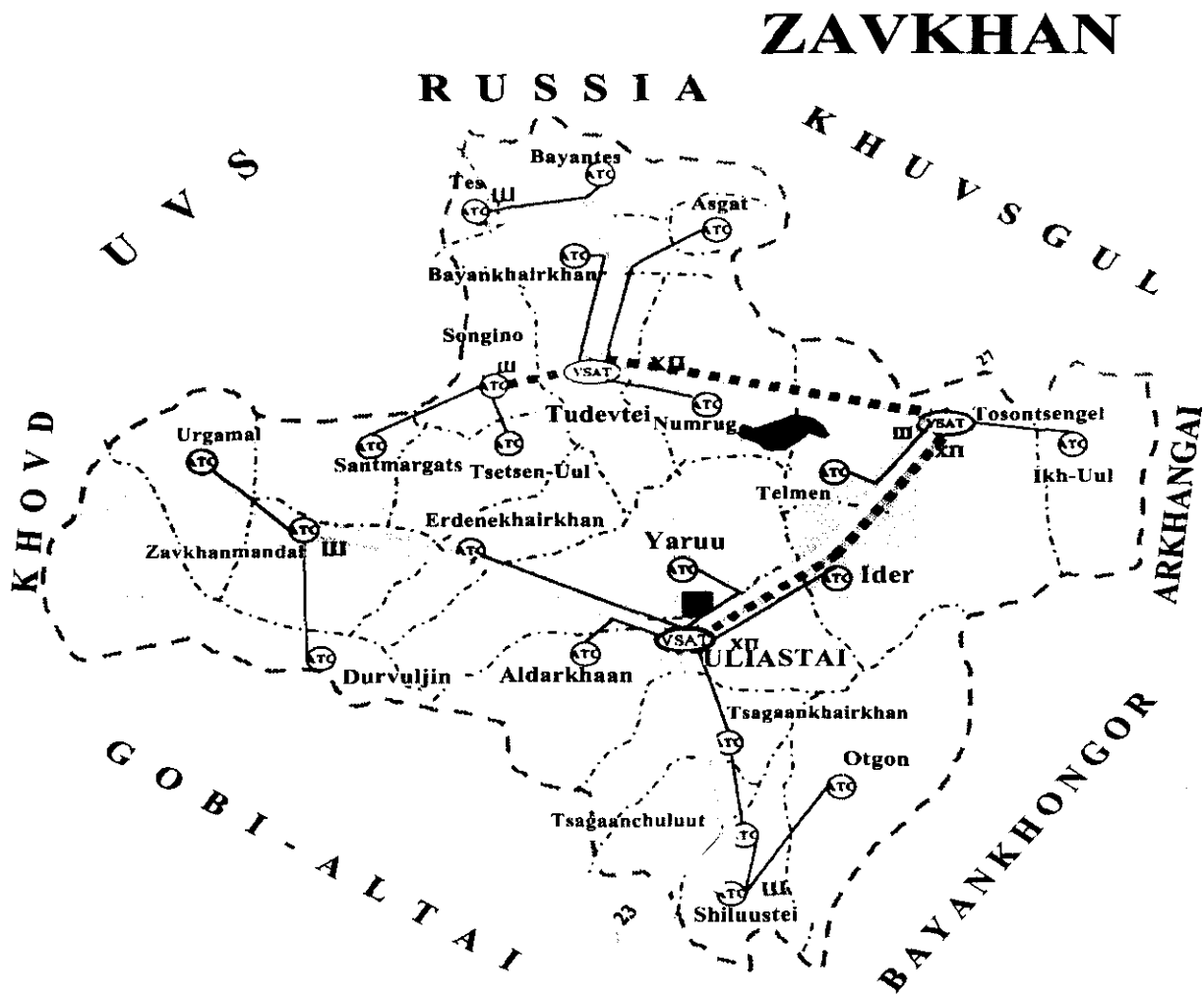


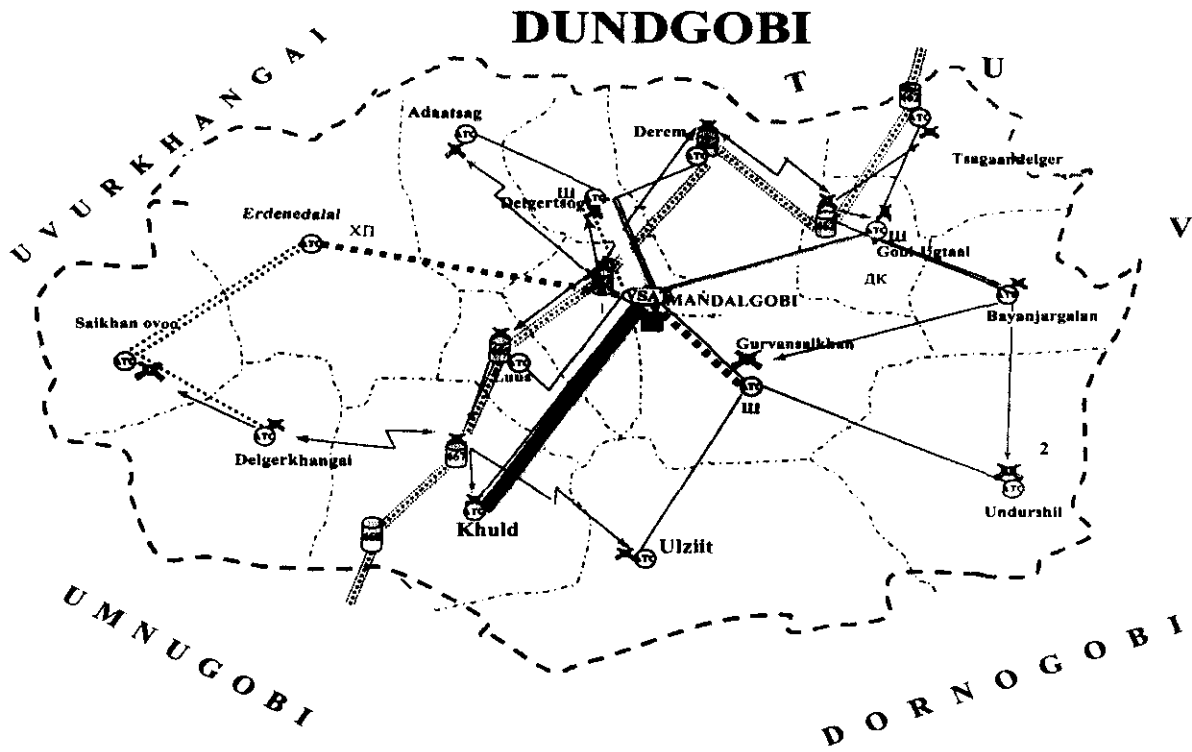












**Annex 8-2 System Selection Table for Digitisation on Rural Network
between Aimag centre and Sum centre**

Arkhangai/Bayankhongor	8-22
Bayan-Ulgii/ Bulgan	8-23
Govi-Altai/ Dornod.....	8-24
Dundgobi/ Dornogovi	8-25
Zavkhan/ Sukhbaatar	8-26
Selenge/ Darkhan-uul	8-27
Orkhon/ Govisumber/ Tuv.....	8-28
Uvs/ Khuvs gul	8-29
Khentii/ Khovd	8-30
Uvurkhangai/ Umunugovi	8-31

Aim名称	No.	Sum Name	Priority	Area by thousand	Sum Center Population	No. of Subscriber	Demand Forecasting	Digitisation (OFC/μ/VSAT)	Telephone Density	Power Supply	Access Network
2-1 ARKHANGAI AIMAG	1	Aimags Center(Erdenebulgan)		5.5	17799	995	6110		5.89	C Grid, DG-30Kw	Metalic
	2	Baibtsengel	P1	3.3	1178	24	258 μ (2)		2.04	C Grid	Metalic
	3	Bulgan	P1	3.2	743	3	111 μ (1)		0.40	C Grid	Metalic
	4	Jargalant	P1	2.8	880	9	155 VSAT		1.02	C Grid	Metalic
	5	Ikhlanir	P1	4.8	1455	10	232 μ (1)		0.69	C Grid	Metalic
	6	Uginuur	P1	1.7	644	8	118 μ (2)		1.24	C Grid	Metalic
	7	Uziit	P1	1.7	902	12	171 μ (2)		1.33	C Grid	Metalic
	8	Undur- Ulaan	P1	4.4	1368	3	191 μ (2)		0.22	C Grid	Metalic
	9	Tariat	P1	4.6	1315	10	214 μ (2)		0.76	C Grid, PV(0.6K)	Metalic
	10	Tuvshruulekh	P1	1.2	2044	15	330 μ (1)		0.73	C Grid	Metalic
	11	Tsakhir	P1	3.4	506	7	97 VSAT		1.38	DG(60K)	Metalic
	12	Tsenkher	P1	3.2	1227	5	180 μ (1)		0.41	C Grid	Metalic
	13	Taatserieg	P1	2.5	1046	6	163 VSAT(Existing)		0.57	C Grid	Metalic
	14	Chuluut	P2	4	849	3	125 μ (2)		0.35	DG(60K),PV(0.6K)	Metalic
	15	Khairkhan	P1	2.5	1091	24	247 μ (2)		2.20	C Grid	Metalic
	16	Khangai	P2	3.4	659	10	130 μ (2)		1.52	DG(60K),PV(0.6K)	Metalic
	17	Khashaat	P2	2.6	439	6	85 VSAT		1.37	C Grid	Metalic
	18	Khotorit	P1	2.4	5603	21	264 μ (2)		0.37	C Grid	Metalic
	19	Erdenenmandal	P1	3.4	1372	16	247 μ (2)		1.17	C Grid, PV(0.6K)	Metalic
Note	Arkhangai aimag communication office including 20 branches, 19 of its located in rural area (18 located in sums). 89.47% or 17 sums have an auto connection for inter-airmag and long distance communication, and 10.6% or 2 sums has a manual connection. In Khangai and Tsakhir sums, with manual connection, planning to install auto connection equipments up to 2002. 16 sums of Arkhangai aimag has auto-switching systems in sum centers, in Tsakhir and Khashaat sums planning to install auto switching, also in Tsenkher, Undur-Ulaan and Khangai sums necessitate to modernize the old JS-20 auto switching, to modern, economical and small sized digital switching systems. By MTC researches for last 3 years in 5 sums installed auto-switching systems, and in 10 sums with manual connection was installed auto connection systems. Inter-province trunk line shall be replaced by digital microwave link instead of VSAT.										
2-2 BAYANKHONGOR AIMAG	1	Aimags Center(Bayanhongor)		3.88	17424	1106	7763 VSAT(Existing)		6.35	A-DG	Metalic
	2	Shargaljuut	P2			0	43 μ (2)			A-DG	Metalic
	3	Uziit	P1	3.88	787	20	239 μ (1)		2.54	A-DG	Metalic
	4	Jinst	P2	3.98	497	5	114 μ (2)		1.01	S-DG(100K)	Metalic
	5	Bogd	P1	5.3	666	21	220 μ (1)		3.15	S-DG(60K),PV(0.5K)	Metalic
	6	Bayanig	P1	11.92	681	14	188 VSAT		2.06	S-DG(100K),PV(0.8K)	Metalic
	7	Bayangobi	P1	4.66	679	2	133 μ (2)		0.29	S-DG(100K)	Metalic
	8	Baatsagaan	P1	5.84	527	5	119 μ (2)		0.96	S-DG(60K)	Metalic
	9	Bayantsagaan	P1	7.45	675	37	298 μ (3)		6.48	S-DG(60K),PV(0.8K)	Metalic
	10	Bayan- Undur	P2	16.89	331	6	91 μ (1)		1.81	S-DG(100K),PV(0.4K)	Metalic
	11	Shinejinst	P2	16.5	460	0	90 μ (2)		0.00	S-DG(100K)	Metalic
	12	Bumbugur	P2	3.04	523	0	101 μ (2)		0.00	S-DG(30K)	Metalic
	13	Baatsagaan	P1	5.84	1234	25	340 μ (2)		2.03	S-DG(100K),PV(0.6K)	Metalic
	14	Khureemeral	P2	4.33	984	43	298 μ (2)		4.37	S-DG(60K),PV(0.6K)	Metalic
	15	Bayanbulag	P1	3.04	506	5	115 VSAT		0.99	S-DG(60K),PV(0.6K)	Metalic
	16	Gurvanbulag	P1	4.44	482	6	118 VSAT		1.24	S-DG(60K)	Metalic
	17	Zag	P2	2.56	629	5	138 μ (2)		0.79	S-DG(60K)	Metalic
	18	Jargalant/Baidrag	P1	4.17	1339	19	331 μ (2)		1.42	S-DG(100K),PV(1.5K)	Metalic
	19	Galuut	P2	5.05	964	0	180 μ (2)		0.00	S-DG(60K)	Metalic
	20	Bayan- Ovoo	P1	3.3	710	0	135 μ (1)		0.00	A-DG	Metalic
	21	Erdeneotsogt	P1	4.1	984	1	184 μ (1)		0.10	S-DG(160K)	Metalic
Note	Inter-province trunk lines are now established by VSAT and Analog microwave line. Digital microwave line shall be installed for digitalization of the Inter-province trunk line. Bayanhongor aimag communication office including 21 branches, 20 of its located in sums. 90% or 18 sums have an auto connection for inter-airmag and long distance communication, and 10% or 2 sums has a manual connection. In Gurvanbulag and Khureemeral sums, with manual connection, planning to install auto connection equipments up to 2002. 8 sums of Bayanhongor aimag have auto-switching systems in sum centers, in Tsakhir and Khashaat sums planning to install auto switching, also in Bayangobi, Baatsagaan, Shinejinst, Bumbugur, Bayanbulag, Gurvanbulag, Zag, Galuut, Bayan-Ovoo and Erdeneotsogt sums necessitate to install newly auto-switching systems. By MTC researches for last 3 years in 3 sums installed auto-switching systems, and in 9 sums with manual connection was installed auto connection systems.										

1-1 BAYAN-ULGII AIMAG	1	Aimag Center(Oligi)			25763	1666	5175		6.47	West Grid DG-30KW	Metalic
	2	Alta	P2	3.2	1013	4	85	$\mu(1)$	0.39	S-DG(100K),PV(0.6K)	Metalic
	3	Altantsuguls	P3	1.8	1131	2	90	$\mu(2)$	0.18	S-DG(60K),PV(0.6K)	Metalic
	4	Bayannuur	P2	2.3	2206	2	171	$\mu(2)$	0.09	S-DG(100K),PV(0.6K)	Metalic
	5	Bugat	P2	2	1010	6	91	$\mu(1)$	0.69	West Grid	Metalic
	6	Bulgan	P2	5	1378	4	114	VSAT	0.29	S-DG(160K),PV(0.6K)	Metalic
	7	Buyant	P3	1.8	835	3	71	$\mu(2)$	0.35	S-DG(60K)	Metalic
	8	Daluun	P1	5.6	1634	4	133	VSAT	0.24	S-DG(160K),PV(0.6K)	Metalic
	9	Ngogonuur	P2	5.2	2217	1	170	$\mu(2)$	0.05	S-DG(100K),PV(0.6K)	Metalic
	10	Tolbo	P2	3	1165	6	103	$\mu(2)$	0.52	PV(0.6K)	Metalic
	11	Ulaankhus	P1	3	1657	8	143	$\mu(1)$	0.46	West Grid	Metalic
	12	Sagsai	P1	3.1	1331	18	141	$\mu(1)$	1.35	West Grid	Metalic
	13	Tsengel	P1	6.5	1507	15	148	$\mu(1)$	1.00	West Grid	Metalic
	14	Khotgor (UVS)				1	79	$\mu(3)$		S-DG(60K),PV(0.6K)	Metalic
	15	Tsegannuur	P1		1853	15	174	$\mu(2)$	0.81	S-DG(100K),PV(0.6K)	Metalic
Note	Inter-province trunk lines are now established by VSAT and Analogue microwave transmission system. It is proposed to install digital microwave transmission system for digitalization of transmission network. Bayan-Ulgii aimag communication office incl										
2-3 BULGAN AIMAG	1	Aimag Center (Bulgan)				1247	3342			Central Grid	Metalic
	2	Bayan-Agt	P1	3.08	841	34	180	$\mu(2)$	4.04	Central Grid	Metalic
	3	Bayannuur	P1	0.85	824	38	165	VSAT	4.61	Central Grid	Metalic
	4	Bugat	P2	3	612	9	98	$\mu(1)$	1.47	Central Grid	Metalic
	5	Bureghanga	P1	3.45	899	35	189	$\mu(1)$	3.89	Central Grid	Metalic
	6	Guvantbulag	P1	2.69	1019	19	169	$\mu(2)$	1.86	Central Grid	Metalic
	7	Dashinchilen	P1	2.32	1235	50	263	VSAT	4.05	Central Grid	Metalic
	8	Mogot	P1	2.82	613	20	122	$\mu(2)$	3.26	Central Grid	Metalic
	9	Orkhon	P1	4.22	758	23	146	$\mu(1)$	3.03	Central Grid	Metalic
	10	Rasheant (Uziit)	P1	1.01	1813	38	310	VSAT	2.10	Central Grid	Metalic
	11	Saikhan	P1	2.77	758	50	298	$\mu(2)$	6.60	Central Grid	Metalic
	12	Selenge	P1	4.83	1990	12	277	$\mu(2)$	0.60	Central Grid	Metalic
	13	Teshig	P1	7.72	875	30	175	VSAT	3.43	Central Grid	Metalic
	14	Khengel	P1	1.66	1633	9	402	$\mu(2)$	0.55	Central Grid	Metalic
	15	Khishig-Undur	P1	2.46	1633	40	293	$\mu(1)$	2.45	Central Grid	Metalic
	16	Khutag-Undur	P1	5.61	1806	88	418	$\mu(3)$	4.87	Central Grid	Metalic
	17	Khyalganat	P1			90	382	$\mu(1)$	3.00	Central Grid	Metalic
Note	Inter-Province trunk line is now established by digital microwave transmission system, therefore, the toll trunk line from aimag center to sum center is possible to set up by branching from digital microwave route. Bulgan aimag communication office incl										

1-2 GOBI-ALTAI AIMAG	1	Aimag Center(Esun-bulag)		14657	1284	3813	VSAT(Existing)	8.76	A-DG, DG-30KW	Metalic	
	2	Altai	P1	20.2	888	9	117	VSAT	1.01	S-DG(60K),PV(0.6K)	Metalic
	3	Bayan-Uul	P1	59.86	1996	12	245	μ (2)	0.60	S-DG(100K),PV(0.6K)	Metalic
	4	Bayantozoi	P2			4	31	VSAT		S-DG(100K)	Metalic
	5	Biger	P1	3.1	562	85	216	μ (2)	16.12	S-DG(60K),PV(0.8K)	Metalic
	6	Bugat	P1	9.95	629	21	113	μ (2)	3.34	S-DG(60K),PV(0.3K)	Metalic
	7	Darvi	P1	3.45	491	34	125	μ (2)	6.92	S-DG(60K),PV(0.4K)	Metalic
	8	Delger	P2	16.1	620	15	226	μ (2)	2.42	S-DG(60K)	Metalic
	9	Jargalant	P1	3.76	610	8	84	μ (2)	1.31	S-DG(60K),PV(0.6K)	Metalic
	10	Taishir	P3	3.9	157	7	32	OFC	4.46	S-DG(60K),PV(0.4K)	Metalic
	11	Tonkhil	P1	5.45	982	62	237	μ (1)	6.31	S-DG(60K),PV(0.8K)	Metalic
	12	Tugrug	P1	5.38	485	25	105	μ (2)	6.15	S-DG(60K),PV(0.4K)	Metalic
	13	Khailun	P3	5.21	448	14	78	μ (2)	3.13	S-DG(60K),PV(0.4K)	Metalic
	14	Khukhmorit	P2	6.27	520	37	134	μ (2)	7.12	S-DG(60K),PV(0.8K)	Metalic
	15	Tsagt	P1	0.17	661	80	354	μ (2)	12.10	S-DG(100K),PV(0.8K)	Metalic
	16	Tseel	P2	5.6	606	9	86	μ (2)	1.49	S-DG(100K),PV(0.4K)	Metalic
	17	Chandmani	P2	4.6	842	16	126	μ (2)	1.90	S-DG(100K),PV(0.8K)	Metalic
	18	Sharga	P3	5.6	502	0	58	μ (2)	0.00	S-DG(100K)	Metalic
	19	Erdene	P2	25.07	596	22	11	μ (1)	3.69	S-DG(100K),PV(0.6K)	Metalic
	20	Gulin	P2			60	234	μ (1)		S-DG(100K),PV(0.3K)	Metalic
Note	Optical Fibre Cable Network at PDH 34 Mbps between Gobi-Altai and Zavkhan is established according to MCN-4 project. Existing inter-province trunk network is established by VSAT and Analogue microwave transmission system. Gobi-Altai aimag communication office including 20 branches (18 sums), 19 of its located in rural area (17 in sums). 94.1% or 16 sums have an auto connection for inter-aimag and long distance communication, and 5.9% or 1 sum has a manual connection. In Khukhmorit sum, with manual connection, planning to install auto connection equipment up to 2002. 15 sums of Gobi-Altai aimag has auto-switching systems in sum centers, in Tseel sum, Taishir sum and Bayantocroy bag planning to install newly auto switching. By MTC researches for last 3 years in 10 sums installed auto-switching systems, and in 7 sums with										
4-1 DORNOD AIMAG	1	Aimag Center(Kherlen)		36423	1596	3406		4.38	A-DG	Metalic	
	2	Khalkhgol	P2	227.6	1844	0	72	VSAT	0.00	S-DG(100K),PV(1.2K), DG-16K	Metalic
	3	Metad	P1	22.83	1038	2	43	VSAT	0.19	S-DG(60K),PV(1.2K)	Metalic
	4	Khulunbuir	P2	3.77	857	16	56	μ (2)	1.87	S-DG(60K),PV(1.2K)	Metalic
	5	Bayantumen	P3	6.33	936	0	38	μ (1)	0.00	A-DG	Metalic
	6	Tsagaan-Ovoo	P3	6.5	1130	0	45	μ (2)	0.00	S-DG(100K)	Metalic
	7	Bayan-Uul	P1	5.62	2689	0	134	VSAT(Existing)	0.00	S-DG(100K),PV(0.8K)	Metalic
	8	Bayandun	P3	6.24	1104	0	44	μ (3)	0.00	S-DG(100K)	Metalic
	9	Dashbalbar	P2	8.77	1187	6	63	μ (2)	0.61	S-DG(60K)	Metalic
	10	Gurvanzagal	P3	5.25	723	13	47	μ (3)	1.80	S-DG(30K),PV(1K)	Metalic
	11	Khelen/Choibalsan	P2			27	96	μ (2)		A-DG	Metalic
	12	Ereentsav	P1			0	192	VSAT		n.a	Metalic
	13	Bulgan	P3	7.11	1027	18	66	μ (2)	1.75	A-DG	Metalic
	14	Sergelen	P3	4.17	734	9	42	μ (2)	1.23	S-DG(60K)	Metalic
	15	Sumber	P2			0	10	VSAT		DG-16K,PV-2.4K	Metalic
Note	The Dornod aimag communication office including 17 branches (2 in center), 14 of its located in rural area (13 in sums). 92.3% or 12 sums have an auto connection for inter-aimag and long distance communication, and 7.7% or 1 sum has a manual connection. In Bayandun sum, with manual connection, planning to install auto connection equipment up to 2002. 7 sums of Dornod aimag has auto-switching systems in sum centers, in Bayantumen, Tsagaan-Ovoo, Bayan-Uul, Bayandun and Sumber sum planning to install newly auto switching systems. By MTC researches for last 3 years in 7 sums installed auto-switching systems, and in 7 sums with manual connection was installed auto connection systems.										

3-3 DUNDGOBI AIMAG	1	Aimag Center(Mandargovi)			10063	1145	2143	VSAT(Existing)	11.38	Central Grid	Metalic
	2	Adaatsag	P2	n.a.	529	34	92	μ (2)	6.43	S-DG(100K),PV(0.8K)	Metalic
	3	Delgerstogt	P1	n.a.	368	30	99	μ (2)	8.15	Central Grid	Metalic
	4	Deren	P1	n.a.	694	74	154	μ (1)	10.66	C-Grid, DG-16KW	Metalic
	5	Gobi- Ugtalal	P1	n.a.	660	67	142	μ (2)	10.15	Central Grid	Metalic
	6	GurvanSaikhan	P1	n.a.	554	25	84	μ (2)	4.51	Central Grid	Metalic
	7	Tsaganandelger	P3	n.a.	533	23	80	μ (3)	4.32	Central Grid	Metalic
	8	Bayanjargalan	P3	n.a.	337	0	35	μ (2)	0.00	S-DG(100K),PV(0.6K)	Metalic
	9	Undurshil	P2	n.a.	397	6	47	VSAT	1.51	S-DG(100K),PV(0.6K)	Metalic
	10	Uziit	P1	n.a.	452	0	47	μ (3)	0.00	S-DG(100K),PV(0.6K)	Metalic
	11	Khuld	P3	n.a.	460	38	89	μ (2)	8.26	C-Grid, DG-16KW	Metalic
	12	Luus	P2	n.a.	507	36	92	μ (2)	7.10	C-Grid, DG-16KW	Metalic
	13	Saikhan- Ovoo	P2	n.a.	534	21	77	VSAT	3.93	Central Grid	Metalic
	14	Delgerhangal	P2	n.a.	368	49	93	μ (2)	13.32	C-Grid, S-DG(60K),PV(0.8K)	Metalic
	15	Erdenedalai	P1	n.a.	1500	178	353	VSAT	11.87	Central Grid, DG-8KW	Metalic
Note	The Dundgobi aimag communication office including 15 branches, 14 of its located in sums. Together with cable lines in these sums was installed radio-link, thus all aimags have auto-connection and most of sums, with lines and radio link, have 2 numbers, that rises the reliability of network. But in Delgerhangai and Bayanjargalan sums the antenna mast was too low, which bring to connect by aerial wires sums Undurshil and Saikhan-Ovoo (the plan to rebuild higher antenna mast have stroked in technique organization & investment planning of MTC up to 2002). All sums, except of Uziyt sum, have auto-switching systems in sum centers, 4 sums have ATCK 50/ 200 switching										
3-2 DORNOGOVI AIMAG	1	Aimag Center(Sainshand)			13624	1054	3347		7.74	Central Grid	Metalic
	2	Aimag	P1	7.4	2154	20	232	OFC	0.93	Central Grid	Metalic
	3	Altanshiree	P1	7.2	479	61	174	μ (3)	12.73	C-Grid, S-DG(100K)	Metalic
	4	Dalanjargalan	P2	4.1	816	0	74	OFC	0.00	No Power	Metalic
	5	Delgerekh	P2	4.8	488	0	46	μ (2)	0.00	S-DG(100K)	Metalic
	6	Ikhkhet (Zulegt)	P2	n.a.	816	12	177	VSAT	1.47	Central Grid	Metalic
	7	Mandakh	P2	12.7	477	0	45	μ (2)	0.00	S-DG(60K),PV(0.6K)	Metalic
	8	Urgun	P1	8.7	1024	14	119	OFC	1.37	Central Grid	Metalic
	9	Saikhandulaan	P2	4.5	269	0	27	μ (3)	0.00	S-DG(100K),PV(0.8K)	Metalic
	10	Ulaanbadrakh	P2	11.4	507	0	47	μ (3)	0.00	S-DG(100K)	Metalic
	11	Khatanbulag	P2	18.7	568	10	74	VSAT	1.87	S-DG(100K),PV(0.8K)	Metalic
	12	Khuvsgul	P3	8.4	420	0	40	μ (2)	0.00	S-DG(100K),PV(0.8K)	Metalic
	13	Erdene	P2	9.6	1498	16	165	OFC	1.07	C-Grid, S-DG(100K),DG-16KW	Metalic
	14	Zuinbayan	P1			119	432	μ (2)		Central Grid	Metalic
	15	Zamin-Uud	P1	0.4	6031	236	1034	VSAT(Existing)	3.91	Import from China,DG-16KW	WLL
	16	Zulegt	P2			0	21	μ (1)		Central Grid	Metalic
	17	Khajuuulaan	P3				90	VSAT		n.a.	Metalic
	18	Sulinkhoor	P3				21	μ (1)		PV(0.8K)	Metalic
Note	The Dornogobi aimag communication office including 16 branches, 15 of its located in rural area (13 in sums). 84.61% or 11 sums have an auto connection for inter-airmag and long distance communication, and 15.39% or 2 sums have manual connection. In Zulegt and Khatanbulag sums, with manual connection, planning to install auto connection equipment up to 2002. 9 sums of Dornogobi aimag has auto-switching systems in sum centers, in Delgerekh, Mandakh, Urgun, Saikhandulaan, Ulaanbadrakh and Khuvsgul sums planning to install newly auto switching systems. By MTC researches for last 3 years in 4 sums installed auto-switching systems, and in 8 sums with manual connection was										

1-5 ZAVKHAN AIMAG	1	Aimag Center(Uliastai)			16542	1022	3194	VSAT(Existing)	6.18	A-DG	Metalic
	2	Aldarkhaan	P1	4.3	1362	30	172	$\mu(1)$	2.20	S-DG(100K),DG-4KW	Metalic
	3	Asgat	P3	0.7	494	2	44	$\mu(1)$	0.40	S-DG(100K)	Metalic
	4	Bayants	P1	4.3	849	8	84	VSAT	0.84	S-DG(100K)	Metalic
	5	Bayankhairkhan	P3	2.6	550	5	55	$\mu(2)$	0.81	S-DG(100K)	Metalic
	6	Bulnai/Toocotsengel	P1	7.3	598	300	679	VSAT(Existing) $\mu(2)$	50.17	S-DG(500K), DG-1&K,20K	Metalic
	7	Durvuljin	P2	3.6	420	10	58	VSAT	2.38	S-DG(100K)	Metalic
	8	Zavkhanmandal	P1	3.7	809	5	75	$\mu(2)$	0.62	S-DG(100K),PV(0.8K), DG-8.5KW	Metalic
	9	Ilder	P1	3.8	1398	5	122	$\mu(2)$	0.38	S-DG(100K)	Metalic
	10	Ikhi-Uul	P2	3.3	547	7	59	$\mu(2)$	1.28	S-DG(60K),PV(0.8K)	Metalic
	11	Nurnug	P2	6	630	3	58	$\mu(3)$	0.48	S-DG(100K)	Metalic
	12	Oigon	P2	2.4	630	14	78	$\mu(2)$	2.22	S-DG(60K),PV(0.8K)	Metalic
	13	Santmargats	P3	2.4	618	2	54	$\mu(2)$	0.32	S-DG(100K)	Metalic
	14	Songino	P1	5.3	5383	5	438	$\mu(1)$	0.09	S-DG(100K),PV(0.8K)	Metalic
	15	Tudevtei	P1	2.6	839	72	219	VSAT(Existing) $\mu(1)$	8.58	S-DG(60K),PV(2K), DG16KW	Metalic
	16	Tes	P1	0.9	1584	32	194	VSAT	2.02	S-DG(100K),PV(0.8K), DG-4KW	Metalic
	17	Telmen	P2	3.4	642	2	56	$\mu(2)$	0.31	S-DG(100K)	Metalic
	18	Urgamal	P2	3.5	534	5	53	VSAT	0.94	S-DG(100K)	Metalic
	19	Tsagaan-khairkhan	P3	2.7	622	7	65	OFO(MON-4)	1.13	S-DG(60K),PV(0.8K)	Metalic
	20	Tsagaan-chuluut	P3	2.6	320	5	36	OFO(MON-4)	1.56	S-DG(60K)	Metalic
	21	Tsetsen-Uul	P2	2.4	1220	13	125	$\mu(4)$	1.07	S-DG(100K)	Metalic
	22	Shiluustei	P1	2.7	1124	17	128	$\mu(2)$	1.51	S-DG(100K)	Metalic
	23	Erdenekhairkhan	P2	4.1	565	14	74	$\mu(3)$	2.48	S-DG(100K)	Metalic
	24	Yanuu	P3	5	566	2	50	$\mu(2)$	0.35	S-DG(60K)	Metalic
Note	The Zavkhan aimag communication office including 24 branches, 23 of its located in sums. Tudevtei and Bulnay sums have VSAT antennas. All sums have auto connection. In the matter of switching, Bulnay has HICOM station, and except of Aldarkhaan, Oigon, Tudevtei, Tes and Shiluustei, all sums haven't switching systems in sum centers. In Zavkhan aimag communication offices for the last 3 years in 2 sums installed auto-switching systems, and in 18 sums with manual connection was installed auto connection										
4-3 SUKHBAATAR AIMAG	1	Aimag Center(Barun-Urt)			11873	792	4101	VSAT(Existing)	6.67	A-DG	Metalic
	2	Dariganga	P2	4.61	491	1	70	$\mu(2)$	0.20	S-DG(100K)	Metalic
	3	Naran	P3	3.52	478	2	71	VSAT	0.42	S-DG(100K)	Metalic
	4	Oigon	P1	6.47	1472	5	211	$\mu(3)$	0.34	S-DG(100K),PV(0.8K)	Metalic
	5	Bayandelger	P1	7.88	755	16	158	$\mu(3)$	2.12	S-DG(100K),PV(0.8K)	Metalic
	6	Khalzan	P2	3.79	560	7	100	$\mu(2)$	1.25	S-DG(100K)	Metalic
	7	Uulbayan	P1	2.14	1489	0	200	$\mu(3)$	0.00	S-DG(100K)	Metalic
	8	Munkhkhagan	P1	7.42	1033	30	246	$\mu(2)$	2.90	S-DG(100K),PV(0.8K)	Metalic
	9	Sukhbaatar	P2	12.76	728	1	101	$\mu(2)$	0.14	S-DG(100K)	Metalic
	10	Erdenezsagaan	P1	16.96	1812	13	285	VSAT	0.72	S-DG(100K),PV(0.8K)	Metalic
	11	Tumentsogt	P1		1552	54	403	$\mu(2)$	3.48	S-DG(100K),PV(0.8K)	Metalic
	12	Tuvshinshree	P1	4.36	600	0	84	$\mu(2)$	0.00	S-DG(100K)	Metalic
	13	Asgat	P2	7.2	551	8	102	$\mu(2)$	1.45	A-DG	Metalic
	14	Talbulag(uurkhai)	P3		n.a.		32	$\mu(2)$		A-DG	Metalic
Note											

3-5 SELENGE AIMAG	1	Aimag Center(Sukhbaatar)		20282	1376	2479	Approach Micro	6.78	Central Grid	Metalic
	2	Altanbulag	P1	2870	89	274	μ	3.10	Central Grid	Metalic
	3	Eruu	P1	2365	70	221	μ R/S(2)	2.96	Central Grid	Metalic
	4	Zuurburen	P1	1950	10	114	μ R/S(1)	0.51	Central Grid	Metalic
	5	Khushaat	P4	898	10	61	OFC	1.11	Central Grid	Metalic
	6	Orkhon	P3	1497	11	92	OFC	0.73	Central Grid	Metalic
	7	Sart	P1	1339	33	128	μ R/S(1)	2.46	Central Grid	Metalic
	8	Khuder	P4	1221	12	80	μ (2)	0.96	Central Grid	Metalic
	9	Tsagaanuur	P1	3107	45	223	μ R/S(1)	1.45	Central Grid	Metalic
	10	Bugant	P3		44	165	μ (2)		Central Grid	Metalic
	11	Orkhontuu	P1	2743	31	185	OFC+ μ R/S(1)	1.13	Central Grid	Metalic
	12	Barunburen	P2	2174	49	181	μ (2)	2.25	Central Grid	Metalic
	13	Dulaankhaan	P4		7	62	OFC		Central Grid	Metalic
	14	Javkhiant	P4	930	18	74	μ (1)	1.94	Central Grid	Metalic
	15	Shaamar	P1	2108	72	296	μ	3.42	Central Grid	Metalic
	16	Tushig	P4	1339	10	83	μ (2)	0.75	Central Grid	Metalic
	17	Saikhan/Nomgon	P2	6436	25	366	μ (2)	0.39	Central Grid	Metalic
	18	Khutui	P1		518	887	OFC		Central Grid	WLL
	19	Zuunkharaa	P1		642	2039	OFC or μ		Central Grid	WLL
	20	Bayangol (Barunharaa)	P1		144	397	OFC		Central Grid	Metalic
	21	MFC Turkhel	P2		9	24	OFC		Central Grid	Metalic
Note	<p>Selenge aimag communication office including 16 branches, 15 of its located in rural area (13 located in sums), 78.9% of sums have an auto connection for inter-airmag and long distance communication. In Khuder, Tushig and Khushaat, with manual connection, planning to install auto connection. All sums provided by auto switching systems for 100% operation is relatively reliable, which shows that aimag paying attention for service and maintenance, their positive experiences should be penetrated to other aimags. In Selenge aimag for last 3 years in 4 sums installed auto-switching systems, and in 5 sums with manual connection was installed auto connection systems. Darkhan aimag communication office including 10 branches, and 9 of its located in rural area (8 in sums). 75% of sums using an auto-connection, in Sumber and Tunkhel</p>									
4-1 DARKHAN AIMA	1	Aimag Center(Darkhan)		66863	5417			8.10	Central Grid	Metalic
	2	Sharlin Gol	P2	7790	361	1216	μ R/S(2)	4.63	Central Grid	WLL
	3	Khongor	P2	2596	65	329	OFC	2.50	Central Grid	Metalic
	4	Orkhon	P2	1980	28	220	OFC	1.41	Central Grid	Metalic

2-4 ORKHON	1	Aimag Center(Erdenet)				5004	34003			Central, Western Grid	
	2	Jargalant	P1	0.52	2208	1193	4786	OFC	54.03	Central, Western Grid	VLL

3-4 GOBISUMBER	1	Aimag Center (Sumber)			7048	479	790		6.80	Central Grid, DG-16KW	Metalic
	2	Shiveegobi	P1		2153	150	252	OFC	6.97	Central Grid	Metalic
	3	Bayantal	P2		399	14	36	OFC	3.61	Central Grid	Metalic

3-6 TUV AIMAG	1	Aimag Center(Zuunmod)			14771	1246	3912		6.44	Central Grid	Metalic
	2	Altanbulag	p2	5.65	906	3	83	μ (2)	0.33	Central Grid	Metalic
	3	Argalant	P1	1.13	1167	12	128	μ (2)	1.03	Central Grid	Metalic
	4	Batsumber	P1	2.43	2319	3	198	μ (2)	0.13	Central Grid	Metalic
	5	Bayan	P1	2.9	1292	24	166	OFC	1.86	Central Grid	Metalic
	6	Bayan- Unjuul	P3	4.79	355	0	33	μ (3)	0.00	Central Grid	Metalic
	7	Bayanjargalan	P3	2.38	484	15	78	μ (2)	3.10	Central Grid	Metalic
	8	Bayanhengal	P1	1.01	1292	13	110	μ (1)	1.01	Central Grid	Metalic
	9	Bayantsagaan	P3	6.47	670	11	82	μ (2)	1.64	Central Grid	Metalic
	10	Bayantsogt	P1	1.47	1274	30	179	μ (2)	2.35	Central Grid	Metalic
	11	Bornuur	P1	1.15	2272	30	260	OFC	1.32	Central Grid	Metalic
	12	Buren	P1	3.76	711	11	85	VSAT	1.55	Central Grid	Metalic
	13	Delgerkhaan	P2	2.17	668	16	93	VSAT	2.40	Central Grid	Metalic
	14	Jargalant	P1	1.87	3930	55	457	μ (1)	1.40	Central Grid	Metalic
	15	Zaamar	P1	2.62	1368	32	261	VSAT	2.29	Central Grid	Metalic
	16	Lun	P1	2.53	1623	110	331	μ (1)	6.78	Central Grid	Metalic
	17	Undurshireet	P3	2.71	774	4	74	VSAT	0.52	Central Grid	Metalic
	18	Sergelen	P2	3.87	512	8	62	μ (1)	1.66	Central Grid	Metalic
	19	Sumber	P1			0	132	μ (1)		Central Grid	Metalic
	20	Ugtaal	P1	1.55	1824	36	238	μ (2)	1.97	Central Grid	Metalic
	21	Tseel	P1	1.66	2242	31	261	μ (2)	1.38	Central Grid	Metalic
	22	Erdene	P1	8.03	908	17	118	μ (2)	1.87	Central Grid	Metalic
	23	Erdenesant	P1	1.87	2221	58	325	VSAT	2.61	Central Grid	Metalic
	24	Arkhus	P2	8.24	791	7	83	μ (2)	0.88	Central Grid	Metalic
	25	Bayanchandmani	P1	6.13	2599	54	347	μ (2)	2.08	Central Grid	Metalic
	26	Zanchivian	P2			2	14	VSAT		Central Grid	Metalic
	27	Bayandelger	P1			29	144	μ (1)		Central Grid	Metalic
	28	Mungunmort	P2			0	85	VSAT		Central Grid	Metalic

Note
 The Tuv aimag communication office including 21 branches, 20 of its located in sums. Batsumber subordinated to railways (MRTC). Janchivian, Erdene and Arkhus are subordinated to Nalaikh district. In Tuv aimag for the last 3 years in 13 sums installed auto connection systems, and in 6 sums was installed auto-switching systems. Tseel, Ugtaal, Sergelen and Bayan-Unjuul don't have switching systems in sum center. Buren and Delgerkhaan sums have manual connection, according this fact, we should pay attention to install switching systems with auto connection in 4 sums.
 Nalaikh communication office including 8 branches, 2 of its located in sum centers. Baganuur communication office including 3 branches, 2 of its located in rural area (in sum centers). Baganuur and Nalaikh communication offices fully automated, and problem of sum center switching systems are solved.

1-4 UVS AIMAG	1	Aimag Center(Ulaangom)			23217	1846	3635	VSAT(Existing)	7.95	Western Grid	Metalic
	2	Baruunturuun	P1		2502	12	168	VSAT(Existing)	0.48	DG-16K,PV-3.5K	Metalic
	3	Bukhmurun	P1		926	2	58	VSAT	0.22	S-DG(60K)	Metalic
	4	Davst	P3		668		42	μ (2)	0.00	S-DG(60K)	Metalic
	5	Zavkhan	P2		993	1	61	μ (3)	0.10	S-DG(60K)	Metalic
	6	Zuungobi	P1		677		42	μ (1)	0.00	S-DG(100K),PV(0.8K), DG-16KW	Metalic
	7	Zuunhangai	P3		759	2	48	VSAT	0.26	S-DG(100K)	Metalic
	8	Malchin	P3		803	1	50	μ (3)	0.12	S-DG(100K)	Metalic
	9	Naranbulag	P3		959		59	μ (2)	0.00	S-DG(60K)	Metalic
	10	Ugii	P1		815		39	OFC	0.00	W-Grid, S-DG(60K)	Metalic
	11	Umnugobi	P1		1038	12	81	μ (2)	1.16	W-Grid, S-DG(60K)	Metalic
	12	Undurhangai	P3		1660	1	101	VSAT	0.06	S-DG(100K),PV(0.8K)	Metalic
	13	Sagil	P1		878		54	μ (1)	0.00	Western Grid	Metalic
	14	Tarialan	P3		1842	1	138	OFC	0.05	Western Grid	Metalic
	15	Turgen	P3		867		54	μ (1)	0.00	Western Grid	Metalic
	16	Tes	P1		940		58	VSAT	0.00	S-DG(100K),PV(0.8K)	Metalic
	17	Kharkhira	P3				14	μ (1)		S-DG(100K)	Metalic
	18	Khovd	P3		425		28	μ (2)	0.00	S-DG(60K)	Metalic
	19	Khyargas	P1		763	1	48	μ (2)	0.13	S-DG(100K)	Metalic
	20	Tsagaanhairkhan	P2		1533	4	98	μ (2)	0.26	S-DG(100K)	Metalic
Note	Uvs aimag communication office including 21 branches, 20 of its located in rural area (18 in sums). 100% of communication sector have an auto connection for inter-airmag and long distance communication, but need to solve problems in Naranbulag and Zavkhan sums, where using one line, and Undurkhangai with bad hearing. 10 sums have switching systems in own sum center. Requires to install auto-switching systems in Bukhmurun, Davst, Zavkhan, Zuungobi, Ugii, Undurkhangai, Tarialan, Turgen and Khovd. In Uvs aimag for last 3 years installed auto connection systems in 14 sums, where used manual connection before. The problem of sums with one connection line had solved										
2-6 KHUVSGUL AIMAG	1	Aimag Center(Moron)			27092	2014	8467	VSAT(Existing)	7.43	A-DG	Metalic
	2	Alag- Erdene	P2	4.49	889	5	125	μ (2)	0.66	S-DG(100K)	Metalic
	3	Arbulag	P2	3.66	1186	17	198	μ (2)	1.43	S-DG(100K)	Metalic
	4	Bayanzurkh	P2	3.7	872	15	153	μ (2)	1.72	S-DG(100K)	Metalic
	5	Burentogtokh	P1	3.77	816	48	242	μ (2)	5.88	S-DG(100K)	Metalic
	6	Burenkhaan	P3			3	35	μ (1)			Metalic
	7	Galt	P1	3.6	722	8	113	μ (1)	1.11	S-DG(100K)	Metalic
	8	Jargalant	P1		1182	25	219	μ (2)	2.12		Metalic
	9	Ilkh- Uul	P1	2.02	1328	32	258	μ (2)	2.41	Central Grid	Metalic
	10	Rashaant	P1	1.98	911	19	168	μ (1)	2.09	Central Grid	Metalic
	11	Renchinikhumba	P1	6.74	849	22	169	VSAT	2.69	S-DG(100K)	Metalic
	12	Tarialan	P1	3.43	2738	88	595	VSAT	3.21	C-Grid, S-DG(60K),PV(0.8K)	Metalic
	13	Tosontserget	P2	2.04	1169	8	168	μ (2)	0.68	S-DG(100K)	Metalic
	14	Tumurbulag	P2	2.52	904	14	152	μ (2)	1.56	S-DG(60K)	Metalic
	15	Tunel	P2	3.58	857	9	134	μ (2)	1.05	S-DG(60K)	Metalic
	16	Ulaan- Uul	P1	4.27	874	19	164	VSAT	2.17	S-DG(100K),PV(1KW)	Metalic
	17	Khanh	P1	1.91	1032	8	151	VSAT	0.78	Western Grid	Metalic
	18	Khatgal	P1		2544	20	374	μ (2)	0.79	S-DG(100K),PV(1KW)	Metalic
	19	Tsagaan- Uul	P3	6.17	1147	8	100	VSAT	0.70	S-DG(100K),PV(1KW)	Metalic
	20	Tsagaan	P1	1.73		52	294	μ (1)		S-DG(100K)	Metalic
	21	Tsagaan- Cor	P1	6.74	792	12	134	μ (2)	1.52	S-DG(60K)	Metalic
	22	Tsetserleg	P1	7.45	1052	13	169	μ (2)	1.24	S-DG(100K)	Metalic
	23	Chandmani- Undur	P2	4.49	1190	10	177	μ (2)	0.84	S-DG(60K)	Metalic
	24	Shine- Ider	P1	2.05	858	14	147	μ (2)	1.63	S-DG(100K),PV(1KW)	Metalic
	25	Erdenebulgan	P1			7	146	μ (3)		S-DG(100K)	Metalic
Note	Hubsgul aimag communication office including 26 branches, 25 of its located in rural area (23 in sums). 60.8% or 14 sums using an auto-connection for inter-airmag and long distance communication, 39.2% or 9 sums using manual connection. Planning to install auto switching system in Rashaant, Renchinikhumba, Ulaan-Uul, Khanh, Tsagaanuur, Tsagaan-Uur, Tsetserleg, Chandmani-Undur and Erdenebulgan sums. 14 sums have switching systems in own sum center, and 10 sums have manual switchboard.										

4-2 KHENTII AIMAG	1	Aimag Center(Ondorkhaan)		2.46	13479	1153	3521	VSAT(Existing)	8.55	Central Grid	Metalic
	2	Galsir	P2	3.34	588		55	VSAT	0.00	S-DG(60 K),PV(0.8K)	Metalic
	3	Bayankhulag	P1	6.03	568	25	113	μ (1)	4.40	Central Grid	Metalic
	4	Darkhan	P1	4.45	634		59	μ (2)	0.00	Central Grid	Metalic
	5	Bayanmunkh	P1	2.55	545	14	83	μ (3)	2.57	Central Grid	Metalic
	6	Delgerkhaan	P1	1.86	1719		154	μ (2)	0.00	Central Grid	Metalic
	7	Jargaltkhaan	P1	1.75	632	32	116	OFC	5.06	Central Grid	Metalic
	8	Tsenkhemendel	P1	3.18	673		62	OFC	0.00	Central Grid	Metalic
	9	Murun	P1	2.19	522	12	94	OFC	2.30	Central Grid	Metalic
	10	Ummudelger	P1	9.76	2756	22	261	μ (2)	0.80	Central Grid	Metalic
	11	Bayan- Adarga	P2	3.02	1140		103	μ (3)	0.00	S-DG(60 K),PV(0.8K)	Metalic
	12	Binder	P1	5.37	1978		176	μ (2)	0.00	S-DG(60 K),PV(0.8K)	Metalic
	13	Batsireet	P3	7.02	975		89	μ (1)	0.00	S-DG(60 K),PV(0.8K)	Metalic
	14	Batnrov	P1	4.97	983		89	μ (1)	0.00	Central Grid	Metalic
	15	Berkh	P1		3861	2	342	μ (2)	0.06	Central Grid	Metalic
	16	Bayan- Ovoo	P2	3.38	629		59	μ (2)	0.00	S-DG(60 K),PV(0.8K)	Metalic
	17	Khajuu-Ulaan	P2				178	VSAT		Western Grid	Metalic
	18	Norovlin	P1	5.33	1077		98	VSAT	0.00	S-DG(60 K),PV(0.8K)	Metalic
	19	Dadal	P1	4.73	1597		143	VSAT	0.00	S-DG(60 K),PV(0.8K)	Metalic
	20	Ulzit	P1			39	116	μ (1)		Central Grid	Metalic
	21	Gurbenbayan	P2				91	μ (2)			Metalic
	22	Bor-Undur	P1			15	1590	μ (2)		Central Grid	VLL
Note	Khentii aimag communication office including 23 branches, 22 of its located in rural area (17 in sums). Except of Delgerkhaan, all sums have an auto connection for inter-aimag and long distance communication. 7 sums have switching systems in own sum center. 11 sums have manual switchboard in the sum center, and there requires implement an auto switching. In Khentii aimag for last 3 years in 4 sums installed auto-switching systems, and in 12 sums with manual connection was installed auto										
1-3 KHOVD AIMAG	1	Aimag Center(Khovd)			26418	1241	4903	VSAT(Existing)	4.70	Western Grid	Metalic
	2	Altai	P2	1.37	1026	0	83	VSAT	0.00	S-DG(60K)	Metalic
	3	Bulgan	P1	8.1	3790	34	384	VSAT	0.90	S-DG(100K),PV(0.8K), DG-7.5KW	Metalic
	4	Byant	P1	2.68	1155	13	124	μ (1)	1.13	Western Grid	Metalic
	5	Darvi	P1	5.5	766	34	151	μ (2)	4.44	S-DG(100K),PV(0.5K)	Metalic
	6	Dungun	P2	3.77	810	21	119	μ (2)	2.59	S-DG(60K),PV(0.4K)	Metalic
	7	Duut	P3	2.18	526	1	45	μ (2)	0.19	S-DG(60K),PV(0.4K)	Metalic
	8	Zereg	P2	2.49	899	11	99	μ (2)	1.22	S-DG(60K),PV(0.6K)	Metalic
	9	Mankhan	P1		1490	11	144	μ (2)	0.74	S-DG(60K)	Metalic
	10	Munkhkhairkhan	P3	2.53	201	5	29	μ (2)	2.48	S-DG(60K),PV(0.8K)	Metalic
	11	Must	P1	3.93	1129	17	134	μ (2)	1.51	S-DG(60K),PV(1.2K), DG-7.5KW	Metalic
	12	Myangad	P2	3.26	848	7	85	μ (1)	0.83	Western Grid	Metalic
	13	Uench	P1	7	1732	40	241	VSAT	2.31	S-DG(60K),PV(1.4K), DG-7.5KW	Metalic
	14	Khovd	P3	2.8	976	1	79	μ (1)	0.10	Western Grid	Metalic
	15	Tsetseg	P1	3.47	795	10	107	VSAT	1.26	S-DG(60K),PV(0.4K)	Metalic
	16	Chandmani	P2	6.02	945	2	79	μ (3)	0.21	S-DG(60K),PV(0.4K)	Metalic
	17	Erdeneburen	P2	2.69	769	8	81	μ (2)	1.04	Western Grid	Metalic
Note	Khovd aimag communication office including 17 branches, 16 of its located in rural area (all in sums). 100% of sums using an auto-connection for inter-aimag and long distance communication. 11 sums have switching systems in own sum center, and 6 sums have manual switchboard (Altai, Duut, Zereg, Myangad, Uench, Khovd).										

2-5 UVURKHANGAI AIMAG	1	Aimag Center(Arvaikheer)		51	20669	1644	3894	Approach Micro	7.96	C-Grid, S-DG(60K),DG-16KW	Metalic
	2	Bayan- Uhdur	P2	3.25	515	1	49	VSAT	0.19	C-Grid, S-DG(60K)	Metalic
	3	Burd	P1	2.58	528	22	82	μ R/S(1)	4.17	Central Grid	Metalic
	4	Bat- Uziit	P1	0.24	2000	20	208	μ R/S(1)	1.00	Central Grid	Metalic
	5	Baruunbayan- Ulaan	P4	3.94	489	0	47	μ (2)	0.00	S-DG(60K)	Metalic
	6	Bayangol	P1	3.54	684	38	123	μ R/S(1)	5.66	Central Grid	Metalic
	7	Guchin- Us	P2	3.76	663	57	116	μ (2)	8.60	S-DG(60K),PV(0.8K)	Metalic
	8	Econ-Zyil	P1	2.21	946	60	177	μ R/S(1)	6.34	Central Grid	Metalic
	9	Uziit	P2	18	690	4	70	μ (2)	0.58	Central Grid	Metalic
	10	Dzuunbayan- Ulaan	P1	2.7	1025	38	125	μ	3.71	Central Grid	Metalic
	11	Bogd	P2	10.15	1176	0	110	VSAT	0.00	S-DG(60K),PV(0.4K)	Metalic
	12	Narintseel	P1	2.7	1213	17	138	μ	1.40	C-Grid, S-DG(60K)	Metalic
	13	Sarit	P1	2.56	859	5	94	μ R/S(2)	0.58	C-Grid, S-DG(60K)	Metalic
	14	Taragt	P2	3.45	676	21	94	μ (1)	3.11	Central Grid	Metalic
	15	Tugrug	P2	5.47	621	21	79	μ (2)	3.38	C-Grid, S-DG(60K),PV(0.4K)	Metalic
	16	Ulaynga	P1	3.14	2500	133	320	μ R/S(1)	5.32	Central Grid	Metalic
	17	Khairkhandulaan	P4	4.14	615	0	59	μ (2)	0.00	S-DG(60K)	Metalic
	18	Khujirt	P1	1.72	8000	218	657	OFO+ μ	2.73	C-Grid, DG-24KW	Metalic
	19	Khairhorin	P1	2.24	8669	766	1875	μ	8.62	C-Grid, DG-16KW	WLL
	20	Bayanteeg	P4			0	21	μ (1)		S-DG(60K),PV(0.6K)	Metalic
Note	Uvurkhangai aimag communication office including 20 branches, 19 of its located in rural area (18 in sums). 100% of communication sector have an auto connection for inter-aimag and long distance communication. Khar-Horin and Hujirt communication have digital microwave radio transmission system and operating by PCM. 15 sums have switching systems in own sum center. In Bayan-Uhdur, Baruunbayan-Ulaan and Khairkhandulaan sums the auto switching has not installed. In Uvurkhangai aimag for last 3 years in 3 sums installed auto-switching systems, and in 5 sums with manual connection was installed auto connection systems.										
3-7 UMNUGOVI AIMAG	1	Aimag Center(Daranzadgad)			11739	1611	4096	VSAT(Existing)	13.72	A-DG	Metalic
	2	Bayandalai	P2	10.7	560	1	76	μ (2)	0.18	S-DG(100K)	Metalic
	3	Bayan-Ovoo	P2		366	0	50	μ (3)	0.00	S-DG(60K),PV(1K)	Metalic
	4	Bulgan	P1		789	10	122	μ (3)	1.27	S-DG(100K),PV(1K)	Metalic
	5	Gurbantes	P1			0	128	VSAT		S-DG(100K),PV(1.5K)	Metalic
	6	Mandal- Ovoo	P2		645	23	129	μ (3)	3.57	S-DG(100K),PV(1K)	Metalic
	7	Manlai	P3		529	0	72	μ (3)	0.00	S-DG(60K),PV(1K)	Metalic
	8	Nornpon	P2	19.5	1530	10	202	μ (3)	0.66	S-DG(100K)	Metalic
	9	Noeyn	P2		613	0	83	VSAT	0.00	S-DG(100K),PV(0.6K), DG-8KW	Metalic
	10	Sevrai	P1		485	0	68	VSAT	0.00	S-DG(100K),PV(1K)	Metalic
	11	Khanbogd	P2		467	0	64	μ (3)	0.00	S-DG(60K),PV(1K)	Metalic
	12	Khankhongor	P1		432	30	113	μ (1)	6.94	A-DG	Metalic
	13	Khurmen	P2		409	0	56	μ (2)	0.00	A-DG	Metalic
	14	Tsogt- Ovoo	P2		346	4	48	μ (3)	1.16	S-DG(60K)	Metalic
	15	Tsogtsusii	P2	7.2	402	0	67	μ (3)	0.00	S-DG(100K),PV(1K), DG-8KW	Metalic
	16	Tavantdgi	P1				68	VSAT		n.a	Metalic
Note	Umnugobi aimag's communication office including 15 branches, 14 of its located in rural area (all in sums). 91% of communication sector have an auto connection for inter-aimag and long distance communication. In Gurbantes and Sevrai sums, where manual connection, working on implementation of auto connection. 3 sums have switching systems in own sum center. Very important to solve the problem on improving of sum switching operation, and provide auto switching systems to all sums (except Bulgan, Mandal-Ovoo and Khankhongor), where ATS-s not installed or has defects. In Umnugobi aimag for last 3 years in 5 sums with manual connection was installed auto connection systems.										