

D.Table 6.3-7 TRAFFIC AND CIRCUIT CAPACITY (AREA 01)

LOCATION		2003				2005				2010				2015				2020				
No.	TOWN	HOST	LOCAL Demand	B'way traffic (ert)	No. of CH	No. of 2M	LOCAL Demand	B'way traffic (ert)	No. of CH	No. of 2M	LOCAL Demand	VoIP Size (Mbps)	B'way traffic (Mbps)	No. of 2M	LOCAL Demand	VoIP Size (Mbps)	B'way traffic (Mbps)	No. of 2M	LOCAL Demand	VoIP Size (Mbps)	B'way traffic (Mbps)	No. of 2M
Note 1: The entire Local Exchanges are under the Tandem Exchanges.																						
Note 2: Traffic Ratio of Intra-Office and Outgoing is 50 : 50 on the Local Exchanges.																						
1	ARADA		87,253	8,725			52,053	5,205			62,827	1006	40	21	75,614	1210			90,028	1441		
2	FILWOHA		47,456	4,746			51,045	5,105			61,611	986	39	20	74,151	1187			88,285	1413		
3	OLD AIRPORT		41,976	4,198			45,151	4,515			54,496	872	35	18	65,588	1050			78,091	1250		
4	BOLE		40,011	4,001			43,038	4,304			51,945	832	33	17	62,518	1001			74,435	1191		
5	KERA (Kirkos)		47,678	4,768			51,284	5,128			61,899	991	40	20	74,498	1192			88,698	1420		
6	ADDIS KETAMA		68,490	6,849			73,671	7,367			88,919	1423	57	29	107,017	1713			127,416	2039		
7	Shegole	ADDIS KETAMA	6,903	345	378	13	7,425	371	405	14	8,962	144	6	3	10,786	173	7	4	12,842	206	8	5
8	Ambo	ADDIS KETAMA	4,416	221	249	9	4,750	238	266	9	5,734	92	4	2	6,901	111	4	3	8,216	132	5	3
9	Holeta(Ghenet)	ADDIS KETAMA	1,388	69	88	3	1,493	75	94	4	1,802	29	1	1	2,169	35	1	1	2,582	42	2	1
10	Kolfe	ADDIS KETAMA	23,803	1,190			17,904	895			21,610	346	14	7	26,008	417			30,966	496		
11	Asko	KOLFE					7,700	385	419	14	9,294	149	6	3	11,185	179	7	4	13,317	214	9	5
12	Addis Gebeya	ARADA					5,000	250	279	10	6,035	97	4	2	7,263	117	5	3	8,648	139	6	3
13	French Embassy	ARADA					6,000	300	331	12	7,242	116	5	3	8,716	140	6	3	10,377	167	7	4
14	Sidist Kilo	ARADA					30,800	1,540	1590	53	37,175	595	24	12	44,741	716	29	15	53,270	853	34	18
15	Fitche	ARADA	1,354	68	86	3	1,456	73	92	4	1,757	29	1	1	2,115	34	1	1	2,518	41	2	1
16	Kuyu(Gebre Gurac)	ARADA	623	31	45	2	670	34	48	2	809	13	1	1	974	16	1	1	1,160	19	1	1
17	B/Michael	BOLE	2,969	148	173	6	3,194	160	185	7	3,855	62	2	2	4,640	75	3	2	5,524	89	4	2
18	Debre Berhan	BOLE	4,013	201	228	8	4,316	216	244	9	5,209	84	3	2	6,270	101	4	3	7,465	120	5	3
19	Gerji	BOLE	5,283	264	294	10	5,683	284	315	11	6,859	110	4	3	8,255	133	5	3	9,829	158	6	4
20	Kotebe	BOLE	3,030	151	176	6	3,259	163	188	7	3,933	63	3	2	4,734	76	3	2	5,636	91	4	2
21	Yeka	BOLE	15,041	752			16,178	809			19,527	313	13	7	23,501	377			27,981	448		
22	Akaki	KERA	17,212	861			18,513	926			22,345	358	14	8	26,893	431			32,020	513		
23	Hana Mariam	KERA	6,923	346	379	13	7,447	372	406	14	8,988	144	6	3	10,817	174	7	4	12,879	207	8	5
24	Debre Zeit	KERA	12,967	648	688	23	13,948	697	738	25	16,835	270	11	6	20,262	325	13	7	24,124	386	15	8
25	Duken	KERA	954	48	64	3	1,026	51	68	3	1,238	20	1	1	1,490	24	1	1	1,774	29	1	1
26	Sebeta	KERA	2,909	145	170	6	3,129	156	181	7	3,777	61	2	2	4,546	73	3	2	5,412	87	3	2
27	Nifas Silk	KERA	25,614	1,281			27,551	1,378			33,254	533	21	11	40,022	641			47,651	763		
28	Ayer Tina	OLD AIRPORT	10,700	535	573	20	11,510	576	614	21	13,892	223	9	5	16,719	268	11	6	19,906	319	13	7
29	Ghion (Welliso)	OLD AIRPORT	2,354	118	140	5	2,532	127	150	5	3,056	49	2	1	3,678	59	2	2	4,379	71	3	2
30	Keranyo	OLD AIRPORT	6,019	301	332	12	6,474	324	356	12	7,814	126	5	3	9,405	151	6	4	11,197	180	7	4
31	Wolkite	OLD AIRPORT	3,595	180	206	7	3,867	193	220	8	4,668	75	3	2	5,618	90	4	2	6,689	108	4	3
32	A/Alem	Ambo	1,134	57	74	3	1,220	61	79	3	1,472	24	1	1	1,772	29	1	1	2,110	34	1	1
33	Babichu	Ambo	66	7	14	1	71	4	10	1	85	2	0	1	103	2	0	1	122	2	0	1
34	Burayu	Ambo	1,919	96	117	4	2,064	103	125	5	2,491	40	2	1	2,998	48	2	1	3,570	58	2	2
35	Enchini	Ambo	181	18	29	1	195	20	31	2	236	4	0	1	284	5	0	1	338	6	0	1
36	Gende Beret	Ambo	81	8	16	1	87	9	17	1	105	2	0	1	126	3	0	1	151	3	0	1
37	Ghedo	Ambo	215	21	33	2	231	23	35	2	279	5	0	1	335	6	0	1	399	7	0	1
38	Ginch	Ambo	602	30	44	2	648	32	46	2	782	13	1	1	941	16	1	1	1,120	18	1	1
39	Guder	Ambo	787	39	54	2	847	42	58	2	1,022	17	1	1	1,230	20	1	1	1,464	24	1	1
40	Jeldu(Gojo)	Ambo	414	41	57	2	446	45	60	2	538	9	0	1	648	11	0	1	771	13	1	1
41	Menagesha	Ambo	51	5	12	1	55	6	13	1	67	2	0	1	80	2	0	1	96	2	0	1
42	Meti	Ambo	39	4	10	1	42	4	11	1	50	1	0	1	60	1	0	1	72	2	0	1
43	Shenen	Ambo	126	13	22	1	135	14	24	1	164	3	0	1	197	4	0	1	234	4	0	1
44	Toke	Ambo	46	5	11	1	49	5	12	1	60	1	0	1	72	2	0	1	85	2	0	1
45	Aleltu	D.Berhan	24	2	8	1	26	3	8	1	31	1	0	1	38	1	0	1	45	1	0	1
46	Aliyu Amba	D.Berhan	5	1	4	1	6	1	4	1	7	1	0	1	8	1	0	1	10	1	0	1
47	Ankober(Gorebela)	D.Berhan	19	2	7	1	20	2	7	1	24	1	0	1	29	1	0	1	35	1	0	1
48	Armania	D.Berhan	3	0	3	1	3	0	3	1	3	1	0	1	4	1	0	1	5	1	0	1
49	Beke Mariam	D.Berhan	28	3	9	1	30	3	9	1	36	1	0	1	44	1	0	1	52	1	0	1
50	Chacha	D.Berhan	12	1	6	1	13	1	6	1	16	1	0	1	19	1	0	1	22	1	0	1
51	Debre Sina	D.Berhan	179	18	29	1	193	19	31	2	233	4	0	1	280	5	0	1	333	6	0	1

D.Table 6.3-7 TRAFFIC AND CIRCUIT CAPACITY (AREA 01)

LOCATION			2003				2005				2010				2015				2020				
No.	TOWN	HOST	LOCAL Demand	B'way traffic (ert)	No. of CH	No. of 2M	LOCAL Demand	B'way traffic (ert)	No. of CH	No. of 2M	LOCAL Demand	VoIP Size (Mbps)	B'way traffic (Mbps)	No. of 2M	LOCAL Demand	VoIP Size (Mbps)	B'way traffic (Mbps)	No. of 2M	LOCAL Demand	VoIP Size (Mbps)	B'way traffic (Mbps)	No. of 2M	
52	Deneba (Shewa)	D.Berhan	28	3	9	1	30	3	9	1	36	1	0	1	44	1	0	1	52	1	0	1	
53	Ginager	D.Berhan	4	0	4	1	4	0	4	1	5	1	0.0	1	6	1	0	1	7	1	0	1	
54	Inewari	D.Berhan	92	9	18	1	99	10	19	1	120	2	0.1	1	144	3	0	1	172	3	0	1	
55	Jubur	D.Berhan	1	0	3	1	1	0	3	1	2	1	0.0	1	2	1	0	1	2	1	0	1	
56	Mehal Meda	D.Berhan	345	35	49	2	371	37	52	2	448	8	0.3	1	539	9	0	1	642	11	0	1	
57	Mendida	D.Berhan	32	3	9	1	35	3	10	1	42	1	0.0	1	50	1	0	1	60	1	0	1	
58	Mezezo	D.Berhan	13	1	6	1	14	1	6	1	17	1	0.0	1	21	1	0	1	25	1	0	1	
59	Molale	D.Berhan	23	2	8	1	24	2	8	1	30	1	0.0	1	36	1	0	1	42	1	0	1	
60	S/Robit	D.Berhan	0	0	1	1	0	0	1	1	0	0	0.0	0	0	0	0	0	0	0	0	0	0
61	Sala Dinghay	D.Berhan	3	0	3	1	3	0	3	1	3	1	0.0	1	4	1	0	1	5	1	0	1	
62	Sendafa	D.Berhan	254	25	38	2	273	27	40	2	330	6	0.2	1	397	7	0	1	473	8	0	1	
63	Sheno	D.Berhan	177	18	29	1	190	19	30	1	229	4	0.2	1	276	5	0	1	328	6	0	1	
64	Shola Gebeya	D.Berhan	48	5	12	1	52	5	12	1	63	2	0.1	1	75	2	0	1	90	2	0	1	
65	Alem Ketama	D.Berhan	214	21	33	2	230	23	35	2	278	5	0.2	1	334	6	0	1	398	7	0	1	
66	Alidoro	Fitche	24	2	8	1	26	3	8	1	31	1	0.0	1	38	1	0	1	45	1	0	1	
67	Ambiso(Degem)	Fitche	84	8	17	1	91	9	18	1	109	2	0.1	1	132	3	0	1	157	3	0	1	
68	Chanco	Fitche	456	46	61	3	491	49	65	3	592	10	0.2	1	713	12	0	1	849	14	1	1	
69	Debre Libanos	Fitche	7	1	4	1	7	1	5	1	9	1	0.0	1	10	1	0	1	12	1	0	1	
70	Debre Tseghe	Fitche	155	16	26	1	167	17	28	1	201	4	0.2	1	242	4	0	1	289	5	0	1	
71	Ejere(Ajere)	Fitche	377	38	52	2	406	41	56	2	490	8	0.3	1	589	10	0	1	702	12	0	1	
72	Fetra	Fitche	43	4	11	1	46	5	11	1	56	1	0.0	1	67	2	0	1	80	2	0	1	
73	Gohatsion	Fitche	162	16	27	1	174	17	29	1	210	4	0.2	1	253	5	0	1	301	5	0	1	
74	Gunde Meskel(Dera)	Fitche	377	38	52	2	406	41	56	2	490	8	0.3	1	589	10	0	1	702	12	0	1	
75	Lemi	Fitche	72	7	15	1	78	8	16	1	94	2	0.1	1	113	2	0	1	134	3	0	1	
76	Meragna	Fitche	353	35	50	2	380	38	53	2	458	8	0.3	1	552	9	0	1	657	11	0	1	
77	Mukaturi	Fitche	173	17	28	1	186	19	30	1	224	4	0.2	1	270	5	0	1	321	6	0	1	
78	Sululta	Fitche	148	15	25	1	160	16	27	1	193	4	0.2	1	232	4	0	1	276	5	0	1	
79	Tulmelki	Fitche	150	15	25	1	161	16	27	1	194	4	0.2	1	234	4	0	1	279	5	0	1	
80	Agena	Ghion	36	4	10	1	39	4	10	1	47	1	0.0	1	56	1	0	1	67	2	0	1	
81	Alemgena	Ghion	1,118	56	73	3	1,203	60	78	3	1,452	24	0.5	1	1,747	28	1	1	2,080	34	1	1	
82	Amaya	Ghion	44	4	11	1	47	5	12	1	57	1	0.0	1	69	2	0	1	82	2	0	1	
83	Arbu Chululaa	Ghion	33	3	10	1	36	4	10	1	43	1	0.0	1	52	1	0	1	62	1	0	1	
84	Arekit	Ghion	92	9	18	1	99	10	19	1	120	2	0.1	1	144	3	0	1	172	3	0	1	
85	Asgori	Ghion	135	14	24	1	145	15	25	1	175	3	0.1	1	211	4	0	1	251	5	0	1	
86	Bussa	Ghion	107	11	20	1	115	12	21	1	139	3	0.1	1	167	3	0	1	199	4	0	1	
87	Cheza Sefer	Ghion	37	4	10	1	40	4	11	1	49	1	0.0	1	59	1	0	1	70	2	0	1	
88	Chitu	Ghion	150	15	25	1	161	16	27	1	194	4	0.2	1	234	4	0	1	279	5	0	1	
89	Dillela	Ghion	67	7	15	1	72	7	15	1	87	2	0.1	1	104	2	0	1	124	2	0	1	
90	Endibir	Ghion	262	26	39	2	282	28	41	2	340	6	0.2	1	410	7	0	1	488	8	0	1	
91	Gubro	Ghion	72	7	15	1	78	8	16	1	94	2	0.1	1	113	2	0	1	134	3	0	1	
92	Gunchire	Ghion	112	11	21	1	121	12	22	1	146	3	0.1	1	176	3	0	1	209	4	0	1	
93	Mehal Amba	Ghion	102	10	19	1	109	11	20	1	132	3	0.1	1	159	3	0	1	189	4	0	1	
94	Tefki	Ghion	68	7	15	1	73	7	15	1	89	2	0.1	1	107	2	0	1	127	3	0	1	
95	Teji	Ghion	185	18	30	1	199	20	32	2	240	4	0.2	1	288	5	0	1	343	6	0	1	
96	Tulu Bolo	Ghion	686	34	49	2	738	37	52	2	891	15	0.3	1	1,072	18	1	1	1,277	21	1	1	
97	Welencomi	Holeta	131	13	23	1	141	14	24	1	170	3	0.1	1	205	4	0	1	244	4	0	1	
	Total		504,121				542,250				654,488			787,697				937,847					

D.Table 6.3-7 TRAFFIC AND CIRCUIT CAPACITY (AREA 02)

No.	LOCATION TOWN	HOST	2003				2005				2010				2015				2020			
			LOCAL Demand	B'way traffic (erl)	No. of CH	No. of 2M	LOCAL Demand	B'way traffic (erl)	No. of CH	No. of 2M	LOCAL Demand	VoIP Size (Mbps)	B'way traffic (Mhns)	No. of 2M	LOCAL Demand	VoIP Size (Mbps)	B'way traffic (Mhns)	No. of 2M	LOCAL Demand	VoIP Size (Mbps)	B'way traffic (Mhns)	No. of 2M
Note 1: The entire Local Exchanges are under the Primary Centre (PC).																						
Note 2: Traffic Ratio of Intra-Office and Outgoing is 50 : 50 on the Local Exchanges																						
Note 3: 30% of traffic on the PC goes to SC.																						
1	NAZRETH																					
2	Nazreth	A.A. TR-III	19,795	1,979	602.1	21	23,169	2,317	703.2	24	34,158	547		50,011	801			72,181	1155			
3	Abomssa	Nazreth	82	8	17	1	96	10	19	1	141	3	0	1	207	4	0	1	299	5	0	1
4	Alem Tena	Nazreth	43	4	11	1	52	5	12	1	70	2	0	1	94	2	0	1	94	2	0	1
5	Arerti	Nazreth	139	14	24	1	163	16	27	1	240	4	0	1	351	6	0	1	507	9	0	1
6	Awash/Sebat kilo/	Nazreth	1,264	63	81	3	1,480	74	93	4	2,182	35	1	1	3,194	52	2	2	4,610	74	3	2
7	Balchi (Shenkora)	Nazreth	20	2	7	1	23	2	8	1	34	1	0	1	50	1	0	1	72	2	0	1
8	Boffa	Nazreth	32	3	9	1	37	4	10	1	54	1	0	1	80	2	0	1	115	2	0	1
9	Bole	Nazreth	62	6	14	1	72	7	15	1	106	2	0	1	156	3	0	1	225	4	0	1
10	Bulala	Nazreth	83	8	17	1	100	10	19	1	135	3	0	1	181	3	0	1	238	4	0	1
11	Dera	Nazreth	846	42	58	2	991	50	66	3	1,460	24	1	1	2,138	35	1	1	3,086	50	2	1
12	Doni	Nazreth	47	5	12	1	55	6	13	1	82	2	0	1	120	2	0	1	173	3	0	1
13	Gewane	Nazreth	27	3	9	1	32	3	9	1	47	1	0	1	69	2	0	1	100	2	0	1
14	Huruta	Nazreth	199	20	32	2	233	23	36	2	344	6	0	1	503	9	0	1	726	12	0	1
15	Koka Negewo	Nazreth	17	2	7	1	20	2	7	1	29	1	0	1	43	1	0	1	62	1	0	1
16	M/Sedi	Nazreth	62	6	14	1	73	7	15	1	107	2	0	1	157	3	0	1	226	4	0	1
17	Melkassa	Nazreth	111	11	21	1	130	13	23	1	192	4	0	1	282	5	0	1	406	7	0	1
18	Melka Werer	Nazreth	67	7	15	1	78	8	16	1	116	2	0	1	169	3	0	1	245	4	0	1
19	Meki	Nazreth	1,451	73	91	4	1,749	87	108	4	2,353	38	2	1	3,155	51	2	2	4,152	67	3	2
20	Metehara	Nazreth	587	29	43	2	687	34	49	2	1,013	17	1	1	1,483	24	1	1	2,140	35	1	1
21	Mojo	Nazreth	3,184	159	184	7	3,727	186	213	8	5,495	88	4	2	8,045	129	5	3	11,612	186	7	4
22	Shewa(Wonji Shew)	Nazreth	438	44	59	2	512	51	68	3	755	13	1	1	1,105	18	1	1	1,595	26	1	1
23	Sire (Arsi)	Nazreth	200	20	32	2	234	23	36	2	345	6	0	1	506	9	0	1	730	12	0	1
24	Wolenchiti	Nazreth	320	32	46	2	375	38	52	2	553	9	0	1	810	13	1	1	1,168	19	1	1
25	Wonji	Nazreth	1,226	61	79	3	1,435	72	90	3	2,115	34	1	1	3,097	50	2	1	4,470	72	3	2
26	Assela	Nazreth	5,722	286	317	11	6,698	335	367	13	9,874	158	6	4	14,457	232	9	5	20,866	334	13	7
27	Assassa	Assela	578	29	42	2	677	34	48	2	997	16	1	1	1,460	24	1	1	2,108	34	1	1
28	Bekoji	Assela	1,539	77	96	4	1,801	90	110	4	2,656	43	2	1	3,888	63	3	2	5,612	90	4	2
29	Dixis	Assela	351	35	49	2	410	41	56	2	605	10	0	1	886	15	1	1	1,279	21	1	1
30	Gobessa	Assela	526	26	39	2	616	31	44	2	908	15	1	1	1,329	22	1	1	1,919	31	1	1
31	Gondie	Assela	1	0	3	1	1	0	3	1	2	1	0	1	3	1	0	1	5	1	0	1
32	Huruta	Assela	199	20	32	2	233	23	36	2	344	6	0	1	503	9	0	1	726	12	0	1
33	Iteya	Assela	342	34	48	2	401	40	55	2	591	10	0	1	865	14	1	1	1,248	20	1	1
34	Kersa (Arsi)	Assela	539	27	40	2	630	32	45	2	929	15	1	1	1,361	22	1	1	1,964	32	1	1
35	Meraro	Assela	229	23	35	2	268	27	40	2	395	7	0	1	578	10	0	1	834	14	1	1
36	Ogolcho	Assela	28	3	9	1	33	3	10	1	49	1	0	1	72	2	0	1	104	2	0	1
37	Robe (Arsi)	Assela	180	18	29	1	211	21	33	2	311	5	0	1	455	8	0	1	656	11	0	1
38	Sagure	Assela	646	32	46	2	756	38	53	2	1,114	18	1	1	1,632	27	1	1	2,355	38	2	1
39	Ticho	Assela	128	13	23	1	149	15	25	1	220	4	0	1	322	6	0	1	465	8	0	1
	Total		41,311				48,408				71,122			103,818				149,373				

D.Table 6.3-7 TRAFFIC AND CIRCUIT CAPACITY (AREA 03)

No.	LOCATION TOWN	HOST	2003				2005				2010				2015				2020			
			LOCAL Demand	B'way traffic (erl)	No. of CH	No. of 2M	LOCAL Demand	B'way traffic (erl)	No. of CH	No. of 2M	LOCAL Demand	VoIP Size (Mbps)	B'way traffic (Mhns)	No. of 2M	LOCAL Demand	VoIP Size (Mbps)	B'way traffic (Mhns)	No. of 2M	LOCAL Demand	VoIP Size (Mbps)	B'way traffic (Mhns)	No. of 2M
	Note 1: The entire Local Exchanges are under the Primary Centre (PC).																					
	Note 2: Traffic Ratio of Intra-Office and Outgoing is 50 : 50 on the Local Exchanges																					
	Note 3: 30% of traffic on the PC goes to SC.																					
	DESSIE																					
1	Dessie	A.A. TR-III	7,648	229	258	9	8,910	267	297	10	13,158	211			19,218			0	27,697	444		
2	Adjibar (Saint)	Dessie	23	2	8	1	27	3	8	1	40	1	0	1	58	1	0	1	84	2	0	1
3	Aditu	Dessie	100	10	19	1	120	12	22	1	150	3	0	1	180	3	0	1	220	4	0	1
4	Akesta	Dessie	28	3	9	1	33	3	9	1	49	1	0	1	71	2	0	1	103	2	0	1
5	Amba Mariam	Dessie	43	4	11	1	50	5	12	1	74	2	0	1	108	2	0	1	156	3	0	1
6	Arbaya	Dessie	104	10	20	1	121	12	22	1	179	3	0	1	261	5	0	1	376	7	0	1
7	Bati	Dessie	811	41	56	2	945	47	63	3	1,396	23	1	1	2,039	33	1	1	2,938	48	2	1
8	Betabahari	Dessie	100	10	19	1	120	12	22	1	150	3	0	1	180	3	0	1	220	4	0	1
9	Bure	Dessie	100	10	19	1	120	12	22	1	150	3	0	1	180	3	0	1	220	4	0	1
10	Feres Bet	Dessie	67	7	15	1	78	8	16	1	115	2	0	1	168	3	0	1	243	4	0	1
11	Harbu	Dessie	93	9	18	1	109	11	20	1	161	3	0	1	235	4	0	1	338	6	0	1
12	Jamma /Degolo/	Dessie	193	19	31	2	225	22	35	2	332	6	0	1	485	8	0	1	699	12	0	1
13	Kabe	Dessie	1	0	3	1	1	0	3	1	2	1	0	1	3	1	0	1	5	1	0	1
14	Kelela	Dessie	45	4	11	1	52	5	12	1	77	2	0	1	113	2	0	1	163	3	0	1
15	Mekane Selam (We	Dessie	45	4	11	1	52	5	12	1	77	2	0	1	112	2	0	1	161	3	0	1
16	Mekdela (Masha)	Dessie	12	1	6	1	15	1	6	1	21	1	0	1	31	1	0	1	45	1	0	1
17	Tenta	Dessie	113	11	21	1	132	13	23	1	195	4	0	1	285	5	0	1	410	7	0	1
18	Wegede	Dessie	2	0	3	1	3	0	3	1	4	1	0	1	6	1	0	1	9	1	0	1
19	Weinamba	Dessie	57	6	13	1	67	7	15	1	99	2	0	1	144	3	0	1	208	4	0	1
20	Wereilu	Dessie	177	18	29	1	206	21	32	2	304	5	0	1	444	8	0	1	640	11	0	1
21	Chifra	Dessie	34	3	10	1	40	4	11	1	59	1	0	1	85	2	0	1	123	2	0	1
22	Dupti	Dessie	240	24	37	2	280	28	41	2	413	7	0	1	604	10	0	1	870	14	1	1
23	Chefa Robit	Dessie	23	2	8	1	26	3	8	1	39	1	0	1	57	1	0	1	82	2	0	1
24	Chefa Woleli	Dessie	47	5	12	1	55	5	13	1	81	2	0	1	118	2	0	1	171	3	0	1
25	Combolcha (Wello)	Dessie	2,841	142	166	6	3,310	166	191	7	4,889	79	3	2	7,140	115	5	3	10,290	165	7	4
26	Degan	Dessie	134	13	23	1	156	16	26	1	230	4	0	1	336	6	0	1	485	8	0	1
27	Kemissie	Dessie	655	33	47	2	763	38	53	2	1,126	19	1	1	1,645	27	1	1	2,371	38	2	1
28	Mekoy /Antsokia/	Dessie	40	4	10	1	46	5	12	1	68	2	0	1	99	2	0	1	143	3	0	1
29	Bistima	Dessie	48	5	12	1	56	6	13	1	83	2	0	1	121	2	0	1	175	3	0	1
30	Flakit(Mekit)	Dessie	188	19	30	1	219	22	34	2	324	6	0	1	473	8	0	1	681	11	0	1
31	Geshen Mariam	Dessie	122	12	22	1	143	14	25	1	211	4	0	1	308	5	0	1	443	8	0	1
32	Haik	Dessie	368	37	51	2	429	43	58	2	633	11	0	1	925	15	1	1	1,333	22	1	1
33	Kon Abo /Kone/	Dessie	140	14	24	1	164	16	27	1	242	4	0	1	353	6	0	1	508	9	0	1
34	Kutaber	Dessie	68	7	15	1	79	8	16	1	117	2	0	1	170	3	0	1	245	4	0	1
35	Merssa	Dessie	296	30	43	2	345	35	49	2	510	9	0	1	745	12	0	1	1,073	18	1	1
36	Muja	Dessie	81	8	16	1	94	9	18	1	139	3	0	1	203	4	0	1	293	5	0	1
37	Sirinka	Dessie	68	7	15	1	80	8	16	1	118	2	0	1	172	3	0	1	247	4	0	1
38	Sulula	Dessie	5	0	4	1	6	1	4	1	9	1	0	1	13	1	0	1	18	1	0	1
39	Tita	Dessie	2	0	3	1	3	0	3	1	4	1	0	1	6	1	0	1	9	1	0	1
40	Urgessa	Dessie	37	4	10	1	44	4	11	1	64	2	0	1	94	2	0	1	135	3	0	1
41	Wegel Tena	Dessie	113	11	21	1	131	13	23	1	194	4	0	1	283	5	0	1	408	7	0	1
42	Woldia	Dessie	2,058	103	124	5	2,398	120	142	5	3,541	57	2	2	5,172	83	3	2	7,454	120	5	3
43	Wuchale	Dessie	181	18	29	1	210	21	33	2	311	5	0	1	454	8	0	1	654	11	0	1

D.Table 6.3-7 TRAFFIC AND CIRCUIT CAPACITY (AREA 03)

LOCATION		2003				2005				2010				2015				2020				
No.	TOWN	HOST	LOCAL Demand	B'way traffic (erl)	No. of CH	No. of 2M	LOCAL Demand	B'way traffic (erl)	No. of CH	No. of 2M	LOCAL Demand	VoIP Size (Mbps)	B'way traffic (Mbps)	No. of 2M	LOCAL Demand	VoIP Size (Mbps)	B'way traffic (Mbps)	No. of 2M	LOCAL Demand	VoIP Size (Mbps)	B'way traffic (Mbps)	No. of 2M
44	Assaita	Dessie	649	32	46	2	756	38	53	2	1,116	18	1	1	1,630	27	1	1	2,349	38	2	1
45	Majete	Dessie	100	10	19	1	120	12	22	1	150	3	0	1	180	3	0	1	220	4	0	1
46	Paradizo	Dessie	100	10	19	1	120	12	22	1	150	3	0	1	180	3	0	1	220	4	0	1
47	Tendaho	Dessie	100	10	19	1	120	12	22	1	150	3	0	1	180	3	0	1	220	4	0	1
48	Det Behri	Dubti	45	5	11	1	53	5	12	1	78	2	0	1	113	2	0	1	163	3	0	1
49	Dicha Otto	Dubti	44	4	11	1	51	5	12	1	75	2	0	1	110	2	0	1	158	3	0	1
50	Elidar	Dubti	31	3	9	1	36	4	10	1	54	1	0	1	78	2	0	1	113	2	0	1
51	Loghia	Dubti	137	14	24	1	160	16	27	1	236	4	0	1	345	6	0	1	497	8	0	1
52	Epheson (Ataye)	Kemissie	328	33	47	2	382	38	53	2	564	10	0	1	823	14	1	1	1,187	19	1	1
53	Jewha	Kemissie	35	3	10	1	40	4	11	1	60	1	0	1	87	2	0	1	125	3	0	1
54	Kara Kore	Kemissie	41	4	11	1	48	5	12	1	71	2	0	1	103	2	0	1	149	3	0	1
55	Rassa	Kemissie	192	19	31	2	224	22	35	2	330	6	0	1	482	8	0	1	695	12	0	1
56	Senbete	Kemissie	48	5	12	1	56	6	13	1	83	2	0	1	121	2	0	1	175	3	0	1
57	Shewarobit	Kemissie	583	29	43	2	680	34	48	2	1,004	17	1	1	1,466	24	1	1	2,113	34	1	1
58	Kobo Robit	Woldia	124	12	22	1	144	14	25	1	213	4	0	1	311	5	0	1	449	8	0	1
59	Goby	Woldia	29	3	9	1	34	3	10	1	50	1	0	1	74	2	0	1	106	2	0	1
60	Kobo (Wello)	Woldia	284	28	42	2	331	33	47	2	489	8	0	1	715	12	0	1	1,030	17	1	1
61	Lalibela	Woldia	930	46	62	3	1,083	54	71	3	1,600	26	1	1	2,337	38	2	1	3,368	54	2	2
62	Sekota	Woldia	647	32	46	2	754	38	52	2	1,113	18	1	1	1,626	27	1	1	2,343	38	2	1
63	Waja	Woldia	359	36	50	2	418	42	57	2	618	10	0	1	902	15	1	1	1,300	21	1	1
64	Semera	Assaita	1,218	61	79	3	1,419	71	90	3	2,095	34	1	1	3,060	49	2	1	4,411	71	3	2
Total			23,579				27,490				40,435				58,822				84,539			

D.Table 6.3-7 TRAFFIC AND CIRCUIT CAPACITY (AREA 04)

No	LOCATION	TOWN	HOST	2003			2005			2010			2015			2020							
				LOCAL Demand	B'way traffic (erl)	No. of CH	No. of 2M	LOCAL Demand	B'way traffic (erl)	No. of CH	No. of 2M	LOCAL Demand	VoIP Size (Mbps)	B'way traffic (Mhns)	No. of 2M	LOCAL Demand	VoIP Size (Mbps)	B'way traffic (Mhns)	No. of 2M				
	Note 1: The entire Local Exchanges are under the Primary Centre (PC).																						
	Note 2: Traffic Ratio of Intra-Office and Outgoing is 50 : 50 on the Local Exchanges																						
	Note 3: 30% of traffic on the PC goes to SC.																						
	MEKELE																						
1	Mekele	A.A. TR-III		23,560	707	748	25	27,156	815	844	29	38,816	622										
2	Adwa	Mekele		3,498	175	201	7	4,032	202	229	8	5,764	93	4	2	8,224	132	5	3	11,627	187	7	4
3	Axum	Mekele		2,682	134	158	6	3,092	155	179	6	4,419	71	3	2	6,306	101	4	3	8,915	143	6	3
4	E/Selassie	Mekelle		3,849	192	219	8	4,436	222	250	9	6,341	102	4	3	9,048	145	6	3	12,792	205	8	5
5	Maichew	Mekele		1,811	91	111	4	2,088	104	126	5	2,984	48	2	1	4,259	69	3	2	6,021	97	4	2
6	Adigrat	Mekele		3,060	153	178	6	3,527	176	202	7	5,042	81	3	2	7,195	116	5	3	10,171	163	7	4
7	Abi Adi (Tembien)	Mekele		854	43	58	2	984	49	66	3	1,407	23	1	1	2,007	33	1	1	2,838	46	2	1
8	Adi Gudom	Mekele		116	12	21	1	134	13	23	1	192	4	0	1	273	5	0	1	386	7	0	1
9	Agulae	Mekele		93	9	18	1	107	11	20	1	153	3	0	1	219	4	0	1	309	5	0	1
10	Dengolat	Mekele		0	0	1	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11	H/Selam (Mai Ale)	Mekele		72	7	15	1	83	8	17	1	119	2	0	1	169	3	0	1	240	4	0	1
12	Quiha	Mekele		690	35	49	2	796	40	55	2	1,137	19	1	1	1,623	26	1	1	2,294	37	1	1
13	Samre	Mekele		124	12	22	1	143	14	25	1	204	4	0	1	291	5	0	1	411	7	0	1
14	Aynalem	Mekelle		142	14	25	1	164	16	27	1	234	4	0	1	334	6	0	1	472	8	0	1
15	Hintalo	Mekelle		0	0	1	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
16	Atsbi	Adigrat		168	17	28	1	194	19	31	2	277	5	0	1	395	7	0	1	558	9	0	1
17	Bizet	Adigrat		153	15	26	1	177	18	29	1	253	5	0	1	361	6	0	1	510	9	0	1
18	Edaga Hamus	Adigrat		174	17	29	1	201	20	32	2	287	5	0	1	410	7	0	1	580	10	0	1
19	Haikmesihel	Adigrat		68	7	15	1	79	8	16	1	113	2	0	1	161	3	0	1	227	4	0	1
20	Hawzein	Adigrat		202	20	32	2	233	23	36	2	333	6	0	1	476	8	0	1	672	11	0	1
21	Negash	Adigrat		343	34	49	2	395	39	55	2	564	10	0	1	805	13	1	1	1,139	19	1	1
22	Senkata	Adigrat		599	30	43	2	690	35	49	2	986	16	1	1	1,407	23	1	1	1,990	32	1	1
23	Tsigereda	Adigrat		186	19	30	1	214	21	33	2	306	5	0	1	437	7	0	1	618	10	0	1
24	Wukro	Adigrat		1,290	64	83	3	1,487	74	93	4	2,125	34	1	1	3,032	49	2	1	4,287	69	3	2
25	Zalambessa	Adigrat		516	26	39	2	595	30	43	2	850	14	1	1	1,214	20	1	1	1,716	28	1	1
26	Adi Abun	Adwa		474	47	63	3	546	27	40	2	781	13	1	1	1,114	18	1	1	1,575	26	1	1
27	Adi Ahferom	Adwa		70	7	15	1	81	8	16	1	116	2	0	1	165	3	0	1	233	4	0	1
28	Adi Awala	Adwa		80	8	16	1	92	9	18	1	132	3	0	1	189	4	0	1	267	5	0	1
29	Adi Daero	Adwa		149	15	25	1	172	17	28	1	245	4	0	1	350	6	0	1	495	8	0	1
30	Adi Ghebru	Adwa		191	19	31	2	220	22	34	2	315	6	0	1	449	8	0	1	635	11	0	1
31	Adi Hagerai	Adwa		91	9	18	1	105	11	20	1	151	3	0	1	215	4	0	1	304	5	0	1
32	Adi Nebri -Id	Adwa		77	8	16	1	88	9	17	1	126	3	0	1	180	3	0	1	254	5	0	1
33	Badme	Adwa		51	5	12	1	58	6	13	1	83	2	0	1	119	2	0	1	168	3	0	1
34	Edaga-Arbi	Adwa		0	0	1	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
35	Endabaguna	Adwa		318	32	46	2	367	37	51	2	524	9	0	1	748	12	0	1	1,058	17	1	1
36	Enticho	Adwa		736	37	51	2	848	42	58	2	1,213	20	1	1	1,730	28	1	1	2,446	40	2	1
37	Feresmay	Adwa		75	8	16	1	87	9	17	1	124	2	0	1	177	3	0	1	250	4	0	1
38	Gherhu Sernay	Adwa		0	0	1	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
39	Mai Kintile	Adwa		84	8	17	1	97	10	19	1	138	3	0	1	197	4	0	1	279	5	0	1
40	Merha Senay	Adwa		84	8	17	1	97	10	19	1	139	3	0	1	198	4	0	1	280	5	0	1
41	Rama	Adwa		260	26	39	2	300	30	44	2	429	7	0	1	612	10	0	1	866	14	1	1
42	Selekleka	Adwa		315	32	45	2	364	36	51	2	520	9	0	1	742	12	0	1	1,049	17	1	1

D.Table 6.3-7 TRAFFIC AND CIRCUIT CAPACITY (AREA 04)

No.	LOCATION	TOWN	HOST	2003				2005				2010				2015				2020			
				LOCAL Demand	B'way traffic (erl)	No. of CH	No. of 2M	LOCAL Demand	B'way traffic (erl)	No. of CH	No. of 2M	LOCAL Demand	VoIP Size (Mbps)	B'way traffic (Mhns)	No. of 2M	LOCAL Demand	VoIP Size (Mbps)	B'way traffic (Mhns)	No. of 2M	LOCAL Demand	VoIP Size (Mbps)	B'way traffic (Mhns)	No. of 2M
43	Work Amba	Adwa		0	0	1	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
44	Yechilla (Tigray)	Adwa		90	9	18	1	104	10	20	1	148	3	0	1	212	4	0	1	299	5	0	1
45	Adet(Tigray)	Axum		264	26	39	2	305	30	44	2	436	7	0	1	622	10	0	1	879	15	1	1
46	Chila	Axum		49	5	12	1	57	6	13	1	81	2	0	1	116	2	0	1	164	3	0	1
47	Maheberedegu	Axum		48	5	12	1	55	5	13	1	79	2	0	1	112	2	0	1	159	3	0	1
48	Shiraro	E/Selassie		194	19	31	2	224	22	35	2	320	6	0	1	456	8	0	1	645	11	0	1
49	Humera	E/Selassie		3,487	174	200	7	4,020	201	228	8	5,745	92	4	2	8,198	132	5	3	11,590	186	7	4
50	Zana	E/Selassie		46	5	12	1	53	5	13	1	76	2	0	1	108	2	0	1	153	3	0	1
51	Adi Shaho (Adishu)	Maichew		233	23	36	2	268	27	40	2	383	7	0	1	547	9	0	1	773	13	1	1
52	Alamata	Maichew		1,020	51	68	3	1,175	59	76	3	1,680	27	1	1	2,397	39	2	1	3,389	55	2	2
53	Betmariam	Maichew		267	27	40	2	307	31	44	2	439	8	0	1	627	11	0	1	886	15	1	1
54	Bora	Maichew		97	10	19	1	112	11	21	1	160	3	0	1	229	4	0	1	324	6	0	1
55	Debub	Maichew		136	14	24	1	157	16	26	1	225	4	0	1	321	6	0	1	454	8	0	1
56	Dela	Maichew		60	6	14	1	69	7	15	1	98	2	0	1	140	3	0	1	198	4	0	1
57	Hiwane	Maichew		247	25	37	2	285	28	42	2	407	7	0	1	581	10	0	1	821	14	1	1
58	Mai Nebri	Maichew		70	7	15	1	80	8	16	1	115	2	0	1	164	3	0	1	232	4	0	1
59	Mehoni	Maichew		488	49	65	3	563	28	41	2	804	13	1	1	1,147	19	1	1	1,622	26	1	1
60	Meswaet	Maichew		213	21	33	2	245	25	37	2	351	6	0	1	501	9	0	1	708	12	0	1
61	Qorem	Maichew		740	37	52	2	853	43	58	2	1,220	20	1	1	1,740	28	1	1	2,460	40	2	1
	Total			55,058				63,462				90,710			129,438				182,992				

D.Table 6.3-7 TRAFFIC AND CIRCUIT CAPACITY (AREA 05)

No .	LOCATION	TOWN	HOST	2003				2005				2010				2015				2020			
				LOCAL Demand	B'way traffic (erl)	No. of CH	No. of 2M	LOCAL Demand	B'way traffic (erl)	No. of CH	No. of 2M	LOCAL Demand	VoIP Size (Mbps)	B'way traffic (Mbps)	No. of 2M	LOCAL Demand	VoIP Size (Mbps)	B'way traffic (Mbps)	No. of 2M	LOCAL Demand	VoIP Size (Mbps)	B'way traffic (Mbps)	No. of 2M
	Note 1: The entire Local Exchanges are under the Primary Centre (PC).																						
	Note 2: Traffic Ratio of Intra-Office and Outgoing is 50 : 50 on the Local Exchanges																						
	Note 3: 30% of traffic on the PC goes to SC.																						
	DIRE DAWA																						
1	Dire Dawa	A.A. TR-III	11,601	348	381	13	12,921	388	422	15	21,439	344			29,243	468			39,618	634			
2	Asebe Teferi	Dire Dawa	1,320	66	84	3	1,470	73	92	4	2,439	40	2	1	3,327	54	2	2	4,507	73	3	2	
3	Harar	Dire Dawa	8,355	418	453	16	9,306	465	501	17	15,440	248	10	5	21,061	337	13	7	28,532	457	18	10	
4	Jijiga	Dire Dawa	3,338	167	192	7	3,718	186	212	8	6,169	99	4	2	8,415	135	5	3	11,401	183	7	4	
5	Chelenco	Dire Dawa	202	20	32	2	225	23	35	2	374	6	0	1	510	9	0	1	691	12	0	1	
6	Aware	Dire Dawa	150	15	26	1	167	17	28	1	278	5	0	1	379	7	0	1	513	9	0	1	
7	Degehabur	Dire Dawa	1,352	68	86	3	1,506	75	94	4	2,499	40	2	1	3,409	55	2	2	4,618	74	3	2	
8	Deweale	Dire Dawa	96	10	19	1	107	11	20	1	178	3	0	1	242	4	0	1	328	6	0	1	
9	Erer	Dire Dawa	75	8	16	1	84	8	17	1	139	3	0	1	190	4	0	1	257	5	0	1	
10	Fiq	Dire Dawa	408	41	56	2	454	45	61	3	753	13	1	1	1,028	17	1	1	1,392	23	1	1	
11	Geladin	Dire Dawa	341	34	48	2	379	38	53	2	630	11	0	1	859	14	1	1	1,163	19	1	1	
12	Gode	Dire Dawa	781	39	54	2	870	43	59	2	1,443	24	1	1	1,968	32	1	1	2,667	43	2	1	
13	Hirna	Dire Dawa	357	36	50	2	398	40	55	2	660	11	0	1	901	15	1	1	1,220	20	1	1	
14	Hurso (Setit)	Dire Dawa	105	10	20	1	117	12	21	1	194	4	0	1	264	5	0	1	358	6	0	1	
15	Kebri Beyah	Dire Dawa	416	42	57	2	464	46	62	3	770	13	1	1	1,050	17	1	1	1,422	23	1	1	
16	Kebridehir(Adas)	Dire Dawa	175	17	29	1	194	19	31	2	323	6	0	1	440	8	0	1	596	10	0	1	
17	Kobo	Dire Dawa	37	4	10	1	42	4	11	1	69	2	0	1	94	2	0	1	127	3	0	1	
18	Melka Jebdu	Dire Dawa	313	31	45	2	348	35	49	2	578	10	0	1	788	13	1	1	1,068	18	1	1	
19	Miesso	Dire Dawa	74	7	15	1	82	8	17	1	136	3	0	1	186	3	0	1	252	5	0	1	
20	Misrak Gashamo	Dire Dawa	159	16	27	1	177	18	29	1	294	5	0	1	401	7	0	1	544	9	0	1	
21	Segeg	Dire Dawa	175	17	29	1	194	19	31	2	323	6	0	1	440	8	0	1	596	10	0	1	
22	Shilabo	Dire Dawa	229	23	35	2	255	25	38	2	422	7	0	1	576	10	0	1	781	13	1	1	
23	Teferi Ber	Dire Dawa	1,071	54	70	3	1,193	60	77	3	1,979	32	1	1	2,700	44	2	1	3,658	59	2	2	
24	Deder	Dire Dawa	260	26	39	2	289	29	42	2	480	8	0	1	654	11	0	1	886	15	1	1	
25	Kelafo	Dire Dawa	650	32	46	2	724	36	51	2	1,201	20	1	1	1,638	27	1	1	2,219	36	1	1	
26	Kersa (Hararge)	Dire Dawa	35	3	10	1	39	4	10	1	64	2	0	1	88	2	0	1	119	2	0	1	
27	Kombolch	Dire Dawa	100	10	19	1	120	12	22	1	150	3	0	1	180	3	0	1	220	4	0	1	
28	Langie	Dire Dawa	1	0	3	1	1	0	3	1	2	1	0	1	3	1	0	1	4	1	0	1	
29	Warder	Dire Dawa	837	42	57	2	933	47	63	3	1,547	25	1	1	2,111	34	1	1	2,859	46	2	1	
30	Musthil	Dire Dawa	612	31	44	2	682	34	48	2	1,132	19	1	1	1,544	25	1	1	2,092	34	1	1	
31	Shimile	Dire Dawa	44	4	11	1	49	5	12	1	82	2	0	1	112	2	0	1	152	3	0	1	
32	Assebot	Asebe Teferi	68	7	15	1	76	8	16	1	125	3	0	1	171	3	0	1	232	4	0	1	
33	Bedessa	Asebe Teferi	305	31	44	2	340	34	48	2	564	10	0	1	769	13	1	1	1,042	17	1	1	
34	Gelemso	Asebe Teferi	199	20	32	2	221	22	34	2	367	6	0	1	501	9	0	1	679	11	0	1	
35	Mechara	Asebe Teferi	164	16	27	1	182	18	30	1	302	5	0	1	413	7	0	1	559	9	0	1	
36	Boke Tiko	Asebe Teferi	14	1	6	1	16	2	6	1	26	1	0	1	35	1	0	1	48	1	0	1	
37	Arba	Asebe Teferi	171	17	28	1	190	19	31	2	316	6	0	1	431	7	0	1	584	10	0	1	
38	Belbeliti	Asebe Teferi	70	7	15	1	78	8	16	1	129	3	0	1	176	3	0	1	239	4	0	1	
39	Debesso	Asebe Teferi	23	2	8	1	26	3	8	1	43	1	0	1	59	1	0	1	79	2	0	1	
40	Doba	Asebe Teferi	46	5	11	1	51	5	12	1	85	2	0	1	116	2	0	1	157	3	0	1	
41	Kara Kurkura	Asebe Teferi	14	1	6	1	15	2	6	1	25	1	0	1	34	1	0	1	46	1	0	1	
42	Kuni	Asebe Teferi	18	2	7	1	20	2	7	1	34	1	0	1	46	1	0	1	62	1	0	1	
43	Mecheta	Asebe Teferi	90	9	18	1	101	10	19	1	167	3	0	1	228	4	0	1	308	5	0	1	

D.Table 6.3-7 TRAFFIC AND CIRCUIT CAPACITY (AREA 05)

No.	LOCATION TOWN	HOST	2003				2005				2010				2015				2020			
			LOCAL Demand	B'way traffic (erl)	No. of CH	No. of 2M	LOCAL Demand	B'way traffic (erl)	No. of CH	No. of 2M	LOCAL Demand	VoIP Size (Mbps)	B'way traffic (Mhns)	No. of 2M	LOCAL Demand	VoIP Size (Mbps)	B'way traffic (Mhns)	No. of 2M	LOCAL Demand	VoIP Size (Mbps)	B'way traffic (Mhns)	No. of 2M
44	Wachoo	Asebe Teferi	29	3	9	1	32	3	9	1	53	1	0	1	72	2	0	1	98	2	0	1
45	Alem Maya	Harar	513	26	38	2	571	29	42	2	948	16	1	1	1,293	21	1	1	1,752	29	1	1
46	Aweday	Harar	231	23	35	2	257	26	39	2	427	7	0	1	582	10	0	1	788	13	1	1
47	Babile	Harar	101	10	19	1	112	11	21	1	187	3	0	1	254	5	0	1	345	6	0	1
48	Girawa	Harar	37	4	10	1	42	4	11	1	69	2	0	1	94	2	0	1	128	3	0	1
49	Gursume /Fugnanbi	Harar	131	13	23	1	146	15	25	1	242	4	0	1	331	6	0	1	448	8	0	1
50	Adele	Harar	56	6	13	1	62	6	14	1	103	2	0	1	140	3	0	1	190	4	0	1
51	Amaressa	Harar	202	20	32	2	225	22	35	2	373	6	0	1	509	9	0	1	689	12	0	1
52	Bedeno	Harar	28	3	9	1	31	3	9	1	52	1	0	1	70	2	0	1	95	2	0	1
53	Bisidimo	Harar	1	0	3	1	1	0	3	1	2	1	0	1	3	1	0	1	4	1	0	1
54	Bocco (Feddis)	Harar	8	1	5	1	8	1	5	1	14	1	0	1	19	1	0	1	26	1	0	1
55	Dawe (Tebo)	Harar	98	10	19	1	109	11	20	1	181	3	0	1	248	4	0	1	335	6	0	1
56	Ejersa Goro	Harar	22	2	8	1	25	2	8	1	41	1	0	1	56	1	0	1	76	2	0	1
57	Kurfachele	Harar	9	1	5	1	10	1	5	1	17	1	0	1	23	1	0	1	31	1	0	1
58	Melkarafu (Combol)	Harar	26	3	8	1	28	3	9	1	47	1	0	1	64	2	0	1	87	2	0	1
59	Meyu Burka /Burka	Harar	168	17	28	1	187	19	30	1	310	5	0	1	423	7	0	1	573	10	0	1
60	Watter (Tebele)	Harar	3	0	3	1	3	0	3	1	6	1	0	1	8	1	0	1	10	1	0	1
61	Hamer Hadid	Jijiga	17	2	7	1	19	2	7	1	32	1	0	1	43	1	0	1	59	1	0	1
62	Chinhakson	Jijiga	105	11	20	1	117	12	21	1	195	4	0	1	266	5	0	1	360	6	0	1
63	Ayisha	Jijiga	15	2	6	1	17	2	7	1	28	1	0	1	38	1	0	1	51	1	0	1
64	Harti Sheik	Jijiga	527	26	39	2	587	29	43	2	973	16	1	1	1,328	22	1	1	1,799	29	1	1
65	Lefissa	Jijiga	301	30	44	2	335	34	48	2	556	9	0	1	759	13	1	1	1,028	17	1	1
	Total		37,477				41,751				69,226				94,402				127,866			

D.Table 6.3-7 TRAFFIC AND CIRCUIT CAPACITY (AREA 06)

No	LOCATION TOWN	HOST	2003				2005				2010				2015				2020			
			LOCAL Demand	B'way traffic (erl)	No. of CH	No. of 2M	LOCAL Demand	B'way traffic (erl)	No. of CH	No. of 2M	LOCAL Demand	VoIP Size (Mbps)	B'way traffic (Mbps)	No. of 2M	LOCAL Demand	VoIP Size (Mbps)	B'way traffic (Mbps)	No. of 2M	LOCAL Demand	VoIP Size (Mbps)	B'way traffic (Mbps)	No. of 2M
	Note 1: The entire Local Exchanges are under the Primary Centre (PC).																					
	Note 2: Traffic Ratio of Intra-Office and Outgoing is 50 : 50 on the Local Exchanges																					
	Note 3: 30% of traffic on the PC goes to SC.																					
1	SHASHEMENE																					
2	Shashemene	A.A. TR-III	5,878	176	202	7	7,085	213	240	8	9,536	153			12,784	205				16,824	270	
3	Arba Minch	Shashemene	2,248	112	134	5	2,709	135	159	6	3,646	59	2	2	4,888	79	3	2	6,433	103	4	3
4	Dilla	Shashemene	3,766	188	215	8	4,540	227	255	9	6,110	98	4	2	8,191	132	5	3	10,779	173	7	4
5	Hossana	Shashemene	2,010	101	122	5	2,423	121	144	5	3,261	53	2	2	4,372	70	3	2	5,755	93	4	2
6	Goba	Shashemene	1,373	69	87	3	1,655	83	103	4	2,227	36	1	1	2,986	48	2	1	3,930	63	3	2
7	Zway	Shashemene	2,548	127	151	6	3,071	154	178	6	4,134	67	3	2	5,541	89	4	2	7,292	117	5	3
8	Butajira	Shashemene	675	34	48	2	813	41	56	2	1,095	18	1	1	1,467	24	1	1	1,931	31	1	1
9	Adaba	Shashemene	190	19	30	1	229	23	35	2	308	5	0	1	413	7	0	1	543	9	0	1
10	Adjie	Shashemene	46	5	11	1	55	5	13	1	74	2	0	1	99	2	0	1	130	3	0	1
11	Agarfa	Shashemene	113	11	21	1	137	14	24	1	184	3	0	1	246	4	0	1	324	6	0	1
12	Alli	Shashemene	22	2	8	1	27	3	8	1	36	1	0	1	48	1	0	1	63	2	0	1
13	Amba (Hitsanat Ar)	Shashemene	7	1	4	1	8	1	5	1	11	1	0	1	15	1	0	1	19	1	0	1
14	Bare	Shashemene	38	4	10	1	45	5	11	1	61	1	0	1	82	2	0	1	108	2	0	1
15	Delomena (Messel)	Shashemene	481	48	64	3	580	29	42	2	780	13	1	1	1,046	17	1	1	1,377	23	1	1
16	Dinsho	Shashemene	31	3	9	1	37	4	10	1	50	1	0	1	67	2	0	1	88	2	0	1
17	Dodolla	Shashemene	487	49	65	3	586	59	76	3	789	13	1	1	1,058	17	1	1	1,393	23	1	1
18	Dollo Oddo	Shashemene	153	15	26	1	184	18	30	1	248	4	0	1	332	6	0	1	437	7	0	1
19	Elkere/Kere	Shashemene	525	26	39	2	633	32	45	2	852	14	1	1	1,142	19	1	1	1,502	25	1	1
20	Gassera	Shashemene	49	5	12	1	59	6	13	1	80	2	0	1	107	2	0	1	140	3	0	1
21	Herrero	Shashemene	127	13	23	1	154	15	26	1	207	4	0	1	277	5	0	1	365	6	0	1
22	Kofele	Shashemene	300	30	44	2	362	36	51	2	487	8	0	1	653	11	0	1	859	14	1	1
23	Korie	Shashemene	104	10	20	1	126	13	22	1	169	3	0	1	227	4	0	1	299	5	0	1
24	Kuyera	Shashemene	117	12	21	1	141	14	24	1	190	4	0	1	254	5	0	1	335	6	0	1
25	Negele Arsi	Shashemene	1,384	69	88	3	1,668	83	103	4	2,245	36	1	1	3,010	49	2	1	3,961	64	3	2
26	Shone	Shashemene	80	8	16	1	96	10	19	1	130	3	0	1	174	3	0	1	229	4	0	1
27	Solomo	Shashemene	174	17	28	1	210	21	33	2	282	5	0	1	378	7	0	1	498	8	0	1
28	Awassa I	Shashemene	7,713	386	420	14	9,297	465	501	17	12,513	201	8	5	16,775	269	11	6	22,077	354	14	8
29	Awassa II	Shashemene	4,191	210	237	8	5,052	253	282	10	6,799	109	4	3	9,115	146	6	3	11,996	192	8	4
30	Basha	Shashemene	88	9	17	1	106	11	20	1	143	3	0	1	192	4	0	1	252	5	0	1
31	Tulla	Shashemene	63	6	14	1	76	8	16	1	103	2	0	1	138	3	0	1	181	3	0	1
32	Wondo(Wondo Kel)	Shashemene	58	6	13	1	69	7	15	1	93	2	0	1	125	3	0	1	165	3	0	1
33	Gimbichu	Shashemene	46	5	12	1	56	6	13	1	75	2	0	1	100	2	0	1	132	3	0	1
34	Shinshicho	Shashemene	284	28	42	2	342	34	48	2	460	8	0	1	617	10	0	1	812	13	1	1
35	Adami Tulu	Shashemene	168	17	28	1	203	20	32	2	273	5	0	1	366	6	0	1	482	8	0	1
36	Bulbula	Shashemene	83	8	17	1	100	10	19	1	135	3	0	1	181	3	0	1	238	4	0	1
37	Langano	Shashemene	1	0	3	1	1	0	3	1	2	1	0	1	2	1	0	1	3	1	0	1
38	Alem Tena	Shashemene	43	4	11	1	52	5	12	1	70	2	0	1	94	2	0	1	123	2	0	1
39	Wolaita	Shashemene	2,025	101	123	5	2,441	122	145	5	3,285	53	2	2	4,404	71	3	2	5,796	93	4	2
40	Yirgalem	Shashemene	1,657	83	103	4	1,997	100	121	5	2,688	44	2	1	3,603	58	2	2	4,742	76	3	2
41	Birbir	Arba Minch	68	7	15	1	82	8	17	1	110	2	0	1	147	3	0	1	194	4	0	1
42	Bulki	Arba Minch	105	10	20	1	126	13	22	1	170	3	0	1	228	4	0	1	300	5	0	1
43	Chencha	Arba Minch	202	20	32	2	243	24	37	2	327	6	0	1	439	8	0	1	577	10	0	1
44	Ezo	Arba Minch	32	3	9	1	39	4	10	1	52	1	0	1	70	2	0	1	93	2	0	1

D.Table 6.3-7 TRAFFIC AND CIRCUIT CAPACITY (AREA 06)

LOCATION		2003				2005				2010				2015				2020				
No.	TOWN	HOST	LOCAL Demand	B'way traffic (erl)	No. of CH	No. of 2M	LOCAL Demand	B'way traffic (erl)	No. of CH	No. of 2M	LOCAL Demand	VoIP Size (Mbps)	B'way traffic (Mhns)	No. of 2M	LOCAL Demand	VoIP Size (Mbps)	B'way traffic (Mhns)	No. of 2M	LOCAL Demand	VoIP Size (Mbps)	B'way traffic (Mhns)	No. of 2M
45	Gazer	Arba Minch	56	6	13	1	67	7	15	1	90	2	0	1	121	2	0	1	160	3	0	1
46	Geresse	Arba Minch	62	6	14	1	75	7	16	1	101	2	0	1	135	3	0	1	178	3	0	1
47	Ghidole	Arba Minch	235	23	36	2	283	28	42	2	381	7	0	1	511	9	0	1	673	11	0	1
48	Jinka	Arba Minch	961	48	64	3	1,158	58	75	3	1,559	25	1	1	2,089	34	1	1	2,750	44	2	1
49	Konso	Arba Minch	108	11	20	1	130	13	23	1	175	3	0	1	235	4	0	1	309	5	0	1
50	Lantie	Arba Minch	48	5	12	1	58	6	13	1	78	2	0	1	104	2	0	1	138	3	0	1
51	Sawla	Arba Minch	209	21	33	2	252	25	38	2	339	6	0	1	454	8	0	1	598	10	0	1
52	Zefene	Arba Minch	0	0	1	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
53	Dorzie	Arba Minch	20	2	7	1	24	2	8	1	33	1	0	1	44	1	0	1	58	1	0	1
54	Chuko	Dilla	232	23	36	2	280	28	41	2	376	7	0	1	505	9	0	1	664	11	0	1
55	Gerba (South)	Dilla	180	18	29	1	217	22	34	2	292	5	0	1	392	7	0	1	516	9	0	1
56	Mega	Dilla	136	14	24	1	164	16	27	1	221	4	0	1	296	5	0	1	390	7	0	1
57	Leku	Dilla	451	45	61	3	543	27	40	2	731	12	0	1	980	16	1	1	1,290	21	1	1
58	Amarokelle	Dilla	105	11	20	1	127	13	23	1	171	3	0	1	229	4	0	1	302	5	0	1
59	Bule	Dilla	27	3	8	1	33	3	9	1	44	1	0	1	59	1	0	1	77	2	0	1
60	Chelelektu	Dilla	32	3	9	1	38	4	10	1	51	1	0	1	69	2	0	1	90	2	0	1
61	Fisha Ghenet	Dilla	21	2	7	1	26	3	8	1	35	1	0	1	47	1	0	1	61	1	0	1
62	Gedeb	Dilla	18	2	7	1	22	2	8	1	29	1	0	1	39	1	0	1	52	1	0	1
63	Kebado	Dilla	173	17	28	1	209	21	33	2	281	5	0	1	377	7	0	1	496	8	0	1
64	Moyale	Dilla	587	29	43	2	707	35	50	2	952	16	1	1	1,276	21	1	1	1,680	27	1	1
65	Wenago	Dilla	67	7	15	1	81	8	17	1	109	2	0	1	147	3	0	1	193	4	0	1
66	Yirga Cheffe	Dilla	685	34	49	2	826	41	57	2	1,112	18	1	1	1,491	24	1	1	1,962	32	1	1
67	Filtu	Dilla	100	10	19	1	120	12	22	1	150	3	0	1	180	3	0	1	220	4	0	1
68	H/Selame	Dilla	100	10	19	1	120	12	22	1	150	3	0	1	180	3	0	1	220	4	0	1
69	Angacha	Hossana	313	31	45	2	377	38	53	2	508	9	0	1	681	11	0	1	896	15	1	1
70	Bonesha	Hossana	30	3	9	1	36	4	10	1	49	1	0	1	65	2	0	1	86	2	0	1
71	Dalocha	Hossana	36	4	10	1	43	4	11	1	58	1	0	1	78	2	0	1	102	2	0	1
72	Mudula	Hossana	40	4	11	1	48	5	12	1	65	2	0	1	87	2	0	1	115	2	0	1
73	Soyama	Hossana	36	4	10	1	43	4	11	1	58	1	0	1	78	2	0	1	103	2	0	1
74	Hadero	Hossana	207	21	33	2	250	25	38	2	336	6	0	1	451	8	0	1	593	10	0	1
75	Homecho	Hossana	41	4	11	1	49	5	12	1	66	2	0	1	88	2	0	1	116	2	0	1
76	Koshie	Hossana	116	12	21	1	139	14	24	1	188	4	0	1	252	5	0	1	331	6	0	1
77	Wulbareg	Hossana	9	1	5	1	11	1	5	1	15	1	0	1	20	1	0	1	26	1	0	1
78	Robe (Bale)	Goba	1,365	68	87	3	1,597	80	99	4	2,355	38	2	1	3,448	56	2	2	4,977	80	3	2
79	Ginir	Goba	552	28	41	2	666	33	47	2	896	15	1	1	1,201	20	1	1	1,581	26	1	1
80	Gorro	Robe	48	5	12	1	58	6	13	1	78	2	0	1	104	2	0	1	137	3	0	1
81	Jara	Robe	63	6	14	1	76	8	16	1	102	2	0	1	137	3	0	1	180	3	0	1
82	Enseno	Zway	188	19	30	1	227	23	35	2	306	5	0	1	410	7	0	1	539	9	0	1
83	Areka	Wolaita	172	17	28	1	208	21	33	2	280	5	0	1	375	6	0	1	493	8	0	1
84	Durame	Wolaita	830	42	57	2	1,000	50	66	3	1,347	22	1	1	1,805	29	1	1	2,376	39	2	1
85	Kibet	Butajira	57	6	13	1	69	7	15	1	93	2	0	1	125	2	0	1	164	3	0	1
86	Buie	Butajira	144	14	25	1	174	17	28	1	234	4	0	1	314	6	0	1	413	7	0	1
87	Kibre Mengist	Awassa II	1,096	55	72	3	1,321	66	84	3	1,777	29	1	1	2,383	39	2	1	3,136	51	2	2
88	Shakiso	Awassa II	358	36	50	2	432	43	59	2	581	10	0	1	779	13	1	1	1,025	17	1	1
	Total		50,067				60,302				81,342				109,295				144,244			

D.Table 6.3-7 TRAFFIC AND CIRCUIT CAPACITY (AREA 07)

LOCATION		2003				2005				2010				2015				2020				
No.	TOWN	HOST	LOCAL Demand	B'way traffic (erl)	No. of CH	No. of 2M	LOCAL Demand	B'way traffic (erl)	No. of CH	No. of 2M	LOCAL Demand	VoIP Size (Mbps)	B'way traffic (Mbps)	No. of 2M	LOCAL Demand	VoIP Size (Mbps)	B'way traffic (Mbps)	No. of 2M	LOCAL Demand	VoIP Size (Mbps)	B'way traffic (Mbps)	No. of 2M
Note 1: The entire Local Exchanges are under the Primary Centre (PC).																						
Note 2: Traffic Ratio of Intra-Office and Outgoing is 50 : 50 on the Local Exchanges																						
Note 3: 30% of traffic on the PC goes to SC.																						
JIMMA																						
1	Jimma	A.A. TR-III	9,593	288	311	11	10,881	326	351	12	14,863	238			20,193	324			26,944	432		
2	Mettu	Jimma	2,318	116	138	5	2,629	131	155	6	3,592	58	2	2	4,879	79	3	2	6,511	105	4	3
3	Dembi Dollo	Jimma	1,848	92	113	4	2,097	105	126	5	2,864	46	2	1	3,891	63	3	2	5,192	84	3	2
4	Agaro	Jimma	1,658	83	103	4	1,881	94	115	4	2,570	42	2	1	3,491	56	2	2	4,658	75	3	2
5	Aman	Jimma	308	31	44	2	349	35	49	2	477	8	0	1	648	11	0	1	864	14	1	1
6	Ambuye	Jimma	71	7	15	1	80	8	16	1	110	2	0	1	149	3	0	1	199	4	0	1
7	Assendabo	Jimma	85	8	17	1	96	10	19	1	131	3	0	1	178	3	0	1	238	4	0	1
8	Atnago	Jimma	97	10	19	1	110	11	20	1	150	3	0	1	204	4	0	1	273	5	0	1
9	Babu	Jimma	43	4	11	1	48	5	12	1	66	2	0	1	90	2	0	1	120	2	0	1
10	Bedelle	Jimma	1,499	75	94	4	0	3	9	1	2,323	38	2	1	3,156	51	2	2	4,211	68	3	2
11	Beshasha	Jimma	78	8	16	1	89	9	18	1	121	2	0	1	164	3	0	1	219	4	0	1
12	Billida	Jimma	72	7	15	1	82	8	17	1	112	2	0	1	152	3	0	1	202	4	0	1
13	Bonga	Jimma	1,480	74	93	4	0	3	9	1	2,293	37	1	1	3,116	50	2	1	4,158	67	3	2
14	Chiena	Jimma	77	8	16	1	88	9	17	1	120	2	0	1	163	3	0	1	218	4	0	1
15	Choche	Jimma	91	9	18	1	103	10	20	1	141	3	0	1	192	4	0	1	256	5	0	1
16	Dedo(Sheki)	Jimma	79	8	16	1	89	9	18	1	122	2	0	1	166	3	0	1	221	4	0	1
17	Deneba (Keffa)	Jimma	34	3	10	1	38	4	10	1	53	1	0	1	71	2	0	1	95	2	0	1
18	Dimtu	Jimma	26	3	8	1	29	3	9	1	40	1	0	1	54	1	0	1	72	2	0	1
19	Fofa	Jimma	51	5	12	1	58	6	13	1	79	2	0	1	107	2	0	1	143	3	0	1
20	Gatera	Jimma	102	10	19	1	116	12	21	1	158	3	0	1	215	4	0	1	286	5	0	1
21	Gembie	Jimma	193	19	31	2	218	22	34	2	298	5	0	1	405	7	0	1	541	9	0	1
22	Ghera	Jimma	196	20	31	2	223	22	34	2	304	5	0	1	414	7	0	1	552	9	0	1
23	Gimbo (Ufa)	Jimma	59	6	13	1	67	7	15	1	91	2	0	1	124	2	0	1	165	3	0	1
24	Harro	Jimma	82	8	17	1	93	9	18	1	127	3	0	1	172	3	0	1	230	4	0	1
25	Limu Ghenet	Jimma	265	26	39	2	300	30	44	2	410	7	0	1	557	9	0	1	743	12	0	1
26	Limu Seka	Jimma	51	5	12	1	58	6	13	1	79	2	0	1	107	2	0	1	143	3	0	1
27	Majji (Tem)	Jimma	60	6	14	1	68	7	15	1	93	2	0	1	126	3	0	1	168	3	0	1
28	Masha	Jimma	530	27	39	2	601	30	44	2	821	14	1	1	1,116	18	1	1	1,489	24	1	1
29	Mizan Teferi	Jimma	2,030	102	123	5	2,302	115	137	5	3,145	51	2	2	4,273	69	3	2	5,701	92	4	2
30	Omonada	Jimma	40	4	11	1	46	5	11	1	62	1	0	1	85	2	0	1	113	2	0	1
31	Seka	Jimma	129	13	23	1	146	15	25	1	200	4	0	1	272	5	0	1	362	6	0	1
32	Serbo	Jimma	163	16	27	1	185	19	30	1	253	5	0	1	344	6	0	1	458	8	0	1
33	Shay	Jimma	34	3	10	1	38	4	10	1	52	1	0	1	71	2	0	1	95	2	0	1
34	Shebie	Jimma	89	9	18	1	101	10	19	1	138	3	0	1	187	3	0	1	250	4	0	1
35	Shinshida	Jimma	14	1	6	1	16	2	6	1	22	1	0	1	30	1	0	1	40	1	0	1
36	Sigmo	Jimma	77	8	16	1	88	9	17	1	120	2	0	1	163	3	0	1	218	4	0	1
37	Tepi	Jimma	989	49	66	3	1,121	56	73	3	1,532	25	1	1	2,081	34	1	1	2,777	45	2	1
38	Tobba	Jimma	139	14	24	1	158	16	27	1	216	4	0	1	294	5	0	1	392	7	0	1
39	Yebu	Jimma	110	11	20	1	125	12	22	1	170	3	0	1	231	4	0	1	308	5	0	1
40	Algie	Mettu	73	7	15	1	83	8	17	1	114	2	0	1	154	3	0	1	206	4	0	1
41	Becho	Mettu	16	2	7	1	18	2	7	1	25	1	0	1	34	1	0	1	46	1	0	1
42	Bure (Illubabour)	Mettu	102	10	19	1	116	12	21	1	158	3	0	1	215	4	0	1	286	5	0	1
43	Chora	Mettu	134	13	24	1	153	15	26	1	208	4	0	1	283	5	0	1	378	7	0	1
44	Darimu(Dipa)	Mettu	75	8	16	1	86	9	17	1	117	2	0	1	159	3	0	1	212	4	0	1
45	Dega	Mettu	29	3	9	1	32	3	9	1	44	1	0	1	60	1	0	1	80	2	0	1

D.Table 6.3-7 TRAFFIC AND CIRCUIT CAPACITY (AREA 07)

LOCATION			2003				2005				2010				2015				2020			
No.	TOWN	HOST	LOCAL Demand	B'way traffic (erl)	No. of CH	No. of 2M	LOCAL Demand	B'way traffic (erl)	No. of CH	No. of 2M	LOCAL Demand	VoIP Size (Mbps)	B'way traffic (Mbns)	No. of 2M	LOCAL Demand	VoIP Size (Mbps)	B'way traffic (Mbns)	No. of 2M	LOCAL Demand	VoIP Size (Mbps)	B'way traffic (Mbns)	No. of 2M
46	Fogoleka/ Leka/	Mettu	23	2	8	1	26	3	8	1	35	1	0	1	48	1	0	1	63	2	0	1
47	Gore	Mettu	406	41	56	2	460	46	62	3	628	11	0	1	854	14	1	1	1,139	19	1	1
48	Hurmu	Mettu	85	8	17	1	96	10	19	1	131	3	0	1	179	3	0	1	238	4	0	1
49	Noppa	Mettu	23	2	8	1	26	3	8	1	36	1	0	1	49	1	0	1	65	2	0	1
50	Ouka	Mettu	8	1	5	1	9	1	5	1	13	1	0	1	17	1	0	1	23	1	0	1
51	Supe	Mettu	75	8	16	1	86	9	17	1	117	2	0	1	159	3	0	1	212	4	0	1
52	Yayou	Mettu	201	20	32	2	228	23	35	2	312	5	0	1	423	7	0.3	1	565	10	0.2	1
53	Gambella	Mettu	1,020	51	68	3	1,157	58	75	3	1,581	26	1	1	2,148	35	0.8	1	2,866	46	1.0	1
54	Mugi	Dembi Dollo	177	18	29	1	201	20	32	2	274	5	0	1	372	6	0.2	1	497	8	0.3	1
55	Chanka	Dembi Dollo	161	16	27	1	183	18	30	1	250	4	0	1	339	6	0.2	1	452	8	0.3	1
56	Gidame	Dembi Dollo	120	12	22	1	136	14	24	1	186	3	0	1	253	5	0.2	1	337	6	0.2	1
57	Lalokile /Lolo/	Dembi Dollo	48	5	12	1	55	5	13	1	75	2	0	1	102	2	0.1	1	136	3	0.1	1
58	Kakie	Dembi Dollo	191	19	31	2	217	22	34	2	297	5	0	1	403	7	0.3	1	538	9	0.2	1
59	Rob Gebeya	Dembi Dollo	91	9	18	1	103	10	19	1	140	3	0	1	191	4	0.2	1	255	5	0.2	1
60	Abebo	Gambera	100	10	19	1	120	12	22	1	150	3	0	1	180	3	0.1	1	220	4	0.2	1
Total			28,020				28,408				43,408				58,951				78,639			

D.Table 6.3-7 TRAFFIC AND CIRCUIT CAPACITY (AREA 07)

LOCATION			2003				2005				2010				2015				2020				
No.	TOWN	HOST	LOCAL Demand	B'way traffic (erl)	No. of CH	No. of 2M	LOCAL Demand	B'way traffic (erl)	No. of CH	No. of 2M	LOCAL Demand	VoIP Size (Mbps)	B'way traffic (Mbps)	No. of 2M	LOCAL Demand	VoIP Size (Mbps)	B'way traffic (Mbps)	No. of 2M	LOCAL Demand	VoIP Size (Mbps)	B'way traffic (Mbps)	No. of 2M	
	NEKMPTE																						
1	Nekmpte	A.A. TR-III	3,607	108	130	5	4,091	123	146	5	5,589	90			7,593	122			10,131	163			
2	Alem Teferi	Nekemte	121	12	22	1	137	14	24	1	188	4	0	1	255	5	0	1	340	6	0	1	
3	Arjo	Nekemte	156	16	26	1	177	18	29	1	242	4	0	1	329	6	0	1	439	8	0	1	
4	Arjo Gudetu	Nekemte	73	7	15	1	82	8	17	1	113	2	0	1	153	3	0	1	204	4	0	1	
5	Assosa	Nekemte	1,082	54	71	3	1,227	61	79	3	1,676	27	1	1	2,277	37	1	1	3,038	49	2	1	
6	Bako	Nekemte	1,094	55	72	3	1,241	62	80	3	1,695	28	1	1	2,302	37	1	1	3,072	50	2	1	
7	Billa	Nekemte	145	15	25	1	165	16	27	1	225	4	0	1	306	5	0	1	408	7	0	1	
8	Dongoro	Nekemte	24	2	8	1	27	3	9	1	38	1	0	1	51	1	0	1	68	2	0	1	
9	Fincha	Nekemte	907	45	61	3	1,029	51	68	3	1,406	23	1	1	1,910	31	1	1	2,548	41	2	1	
10	Getema	Nekemte	126	13	22	1	143	14	25	1	195	4	0	1	265	5	0	1	354	6	0	1	
11	Ghedo	Nekemte	213	21	33	2	241	24	37	2	329	6	0	1	448	8	0	1	597	10	0	1	
12	Ghimbi	Nekemte	2,177	109	131	5	2,469	123	146	5	3,373	54	2	2	4,582	74	3	2	6,114	98	4	2	
13	Gida Ayana	Nekemte	91	9	18	1	103	10	19	1	141	3	0	1	191	4	0	1	255	5	0	1	
14	Guliso	Nekemte	303	30	44	2	343	34	49	2	469	8	0	1	637	11	0	1	851	14	1	1	
15	Gutin	Nekemte	119	12	22	1	135	13	24	1	184	3	0	1	250	5	0	1	334	6	0	1	
16	Guyi	Nekemte	145	15	25	1	165	16	27	1	225	4	0	1	306	5	0	1	408	7	0	1	
17	Homma	Nekemte	145	15	25	1	165	16	27	1	225	4	0	1	306	5	0	1	408	7	0	1	
18	Inango	Nekemte	218	22	34	2	247	25	37	2	338	6	0	1	459	8	0	1	612	10	0	1	
19	Jarso	Nekemte	142	14	24	1	161	16	27	1	220	4	0	1	299	5	0	1	399	7	0	1	
20	Jikawa	Nekemte	100	10	19	1	120	12	22	1	150	3	0	1	180	3	0	1	220	4	0	1	
21	Mendi	Nekemte	596	30	43	2	676	34	48	2	923	15	1	1	1,254	21	1	1	1,674	27	1	1	
22	Nedjo	Nekemte	1,037	52	68	3	1,176	59	76	3	1,607	26	1	1	2,183	35	1	1	2,912	47	2	1	
23	Nole Kaba	Nekemte	145	15	25	1	165	16	27	1	225	4	0	1	306	5	0	1	408	7	0	1	
24	Werejiru	Nekemet	121	12	22	1	137	14	24	1	188	4	0	1	255	5	0	1	340	6	0	1	
25	Yubdo	Nekemte	135	14	24	1	163	16	27	1	219	4	0	1	294	5	0	1	387	7	0	1	
26	Ashu	Nekemte	97	10	19	1	110	11	20	1	150	3	0	1	204	4	0	1	272	5	0	1	
27	Sire	Bako	176	18	29	1	199	20	32	2	272	5	0	1	370	6	0	1	493	8	0	1	
28	Shambu	Bako	493	25	37	2	559	28	41	2	764	13	1	1	1,038	17	1	1	1,385	23	1	1	
	Total		13,789				15,655				21,368				29,003				38,673				

D.Table 6.3-7 TRAFFIC AND CIRCUIT CAPACITY (AREA 08)

No.	LOCATION	TOWN	HOST	2003				2005				2010				2015				2020			
				LOCAL Demand	B'way traffic (erl)	No. of CH	No. of 2M	LOCAL Demand	B'way traffic (erl)	No. of CH	No. of 2M	LOCAL Demand	VoIP Size (Mbps)	B'way traffic (Mpbs)	No. of 2M	LOCAL Demand	VoIP Size (Mbps)	B'way traffic (Mpbs)	No. of 2M	LOCAL Demand	VoIP Size (Mbps)	B'way traffic (Mpbs)	No. of 2M
	Note 1: The entire Local Exchanges are under the Primary Centre (PC).																						
	Note 2: Traffic Ratio of Intra-Office and Outgoing is 50 : 50 on the Local Exchanges																						
	Note 3: 30% of traffic on the PC goes to SC.																						
	BAHIR DAR																						
1	Bahir Dar	A.A TR-III	19,651	590	617	21	22,894	1,145	1192	40	33,810	541											
2	Debre Markos	Bahir Dar	5,671	284	314	11	6,606	330	362	13	9,756	157	6	4	14,250	228	9	5	20,537	329	13	7	
3	Gondar	Bahir Dar	13,492	675	715	24	15,718	786	828	28	23,213	372	15	8	33,903	543	22	11	48,862	782	31	16	
4	Dangla	Bahir Dar	2,129	106	128	5	2,481	124	147	5	3,663	59	2	2	5,350	86	3	2	7,711	124	5	3	
5	Debre Tabor	Bahir Dar	2,865	143	167	6	3,338	167	192	7	4,929	79	3	2	7,199	116	5	3	10,376	167	7	4	
6	(Chagni)Metekel	Bahir Dar	946	47	63	3	1,102	55	72	3	1,628	27	1	1	2,378	39	2	1	3,427	55	2	2	
7	Addis Zemen	Bahir Dar	728	36	51	2	849	42	58	2	1,253	21	1	1	1,830	30	1	1	2,638	43	2	1	
8	Adet(Gojjam)	Bahir Dar	644	32	46	2	750	75	94	4	1,108	18	1	1	1,618	26	1	1	2,332	38	2	1	
9	Ambassame (Dera)	Bahir Dar	15	1	6	1	17	2	7	1	26	1	0	1	37	1	0	1	54	1	0	1	
10	Ebenat	Bahir Dar	80	8	16	1	93	9	18	1	137	3	0	1	200	4	0	1	288	5	0	1	
11	Kunzla	Bahir Dar	99	10	19	1	116	12	21	1	171	3	0	1	250	4	0	1	360	6	0	1	
12	M/Lemariam	Bahir Dar	22	2	8	1	26	3	8	1	39	1	0	1	56	1	0	1	81	2	0	1	
13	Merawi	Bahir Dar	671	34	48	2	782	39	54	2	1,155	19	1	1	1,687	27	1	1	2,431	39	2	1	
14	Meshenti	Bahir Dar	112	11	21	1	130	13	23	1	193	4	0	1	281	5	0	1	405	7	0	1	
15	Semada	Bahir Dar	17	2	7	1	20	2	7	1	30	1	0	1	44	1	0	1	63	2	0	1	
16	Tis Abay	Bahir Dar	241	24	37	2	281	28	41	2	415	7	0	1	606	10	0	1	873	14	1	1	
17	Pawe	Bahir Dar	174	17	28	1	203	20	32	2	299	5	0	1	437	7	0	1	630	11	0	1	
18	Wereta	Bahir Dar	709	35	50	2	826	41	57	2	1,220	20	1	1	1,781	29	1	1	2,567	42	2	1	
19	Abechekli /Durbete	Dangla	85	8	17	1	98	10	19	1	145	3	0	1	212	4	0	1	306	5	0	1	
20	Addis Kidame	Dangla	147	15	25	1	171	17	28	1	253	5	0	1	369	6	0	1	532	9	0	1	
21	Gilgel Abay (Wet)	Dangla	117	12	21	1	137	14	24	1	202	4	0	1	295	5	0	1	425	7	0	1	
22	Kessa	Dangla	5	0	4	1	6	1	4	1	9	1	0	1	12	1	0	1	18	1	0	1	
23	Mankusa	Dangla	46	5	11	1	54	5	13	1	79	2	0	1	116	2	0	1	167	3	0	1	
24	Tillili	Dangla	525	26	39	2	611	31	44	2	903	15	1	1	1,318	22	1	1	1,900	31	1	1	
25	Amanuel	Debre Markos	107	11	20	1	125	12	22	1	184	3	0	1	269	5	0	1	387	7	0	1	
26	Bichena	Debre Markos	745	37	52	2	868	43	59	2	1,282	21	1	1	1,873	30	1	1	2,699	44	2	1	
27	Bure (Gojjam)	Debre Markos	908	45	61	3	1,058	53	70	3	1,563	26	1	1	2,282	37	1	1	3,289	53	2	2	
28	Debre Work	Debre Markos	291	29	43	2	339	34	48	2	501	9	0	1	731	12	0	1	1,054	17	1	1	
29	Dejen	Debre Markos	346	35	49	2	403	40	55	2	595	10	0	1	869	14	1	1	1,253	21	1	1	
30	Dembecha	Debre Markos	1,005	50	67	3	1,170	59	76	3	1,728	28	1	1	2,525	41	2	1	3,638	59	2	2	
31	Felege Birhan	Debre Markos	77	8	16	1	90	9	18	1	132	3	0	1	193	4	0	1	278	5	0	1	
32	Fenote Selam	Debre Markos	1,405	70	89	3	1,637	82	102	4	2,418	39	2	1	3,531	57	2	2	5,089	82	3	2	
33	Gimjabet Mariam	Debre Markos	93	9	18	1	109	11	20	1	161	3	0	1	235	4	0	1	338	6	0	1	
34	Injibara(Kosso Ber)	Debre Markos	1,154	58	75	3	1,344	67	86	3	1,986	32	1	1	2,900	47	2	1	4,179	67	3	2	
35	Jiga	Debre Markos	293	29	43	2	342	34	48	2	505	9	0	1	737	12	0	1	1,063	18	1	1	
36	Kuyi	Debre Markos	85	8	17	1	99	10	19	1	146	3	0	1	213	4	0	1	307	5	0	1	
37	Lumame	Debre Markos	73	7	15	1	86	9	17	1	126	3	0	1	184	3	0	1	266	5	0	1	
38	Mota	Debre Markos	1,944	97	118	4	2,264	113	135	5	3,344	54	2	2	4,884	79	3	2	7,039	113	5	3	
39	Yechereka	Debre Markos	7	1	5	1	9	1	5	1	13	1	0	1	19	1	0	1	27	1	0	1	
40	Yejube	Debre Markos	147	15	25	1	171	17	28	1	253	5	0	1	369	6	0	1	532	9	0	1	
41	Yitemen	Debre Markos	66	7	14	1	77	8	16	1	113	2	0	1	165	3	0	1	238	4	0	1	
42	Nefas Mewcha	Debre Tabor	538	27	40	2	627	31	45	2	925	15	1	1	1,352	22	1	1	1,948	32	1	1	
43	Abderafi	Gondar	130	13	23	1	152	15	26	1	224	4	0	1	327	6	0	1	472	8	0	1	
44	Amba Ghiorgis	Gondar	159	16	27	1	185	19	30	1	274	5	0	1	400	7	0	1	576	10	0	1	

D.Table 6.3-7 TRAFFIC AND CIRCUIT CAPACITY (AREA 08)

LOCATION		2003				2005				2010				2015				2020				
No.	TOWN	HOST	LOCAL Demand	B'way traffic (erl)	No. of CH	No. of 2M	LOCAL Demand	B'way traffic (erl)	No. of CH	No. of 2M	LOCAL Demand	VoIP Size (Mbps)	B'way traffic (Mhns)	No. of 2M	LOCAL Demand	VoIP Size (Mbps)	B'way traffic (Mhns)	No. of 2M	LOCAL Demand	VoIP Size (Mbps)	B'way traffic (Mhns)	No. of 2M
45	Azezo	Gondar	291	29	43	2	339	34	48	2	501	9	0	1	731	12	0	1	1,054	17	1	1
46	Chewahit	Gondar	83	8	17	1	97	10	19	1	143	3	0	1	209	4	0	1	302	5	0	1
47	Chilga (Aykel)	Gondar	170	17	28	1	199	20	32	2	293	5	0	1	428	7	0	1	617	10	0	1
48	Dabat	Gondar	259	26	39	2	301	30	44	2	445	8	0	1	650	11	0	1	937	15	1	1
49	Debark	Gondar	810	41	56	2	943	47	63	3	1,393	23	1	1	2,034	33	1	1	2,932	47	2	1
51	Delgi	Gondar	174	17	28	1	203	20	32	2	299	5	0	1	437	7	0	1	630	11	0	1
52	Gedebghie	Gondar	12	1	6	1	14	1	6	1	21	1	0	1	31	1	0	1	45	1	0	1
53	Gorgora	Gondar	9	1	5	1	10	1	5	1	15	1	0	1	22	1	0	1	32	1	0	1
54	Hamusit	Gondar	144	14	25	1	168	17	28	1	248	4	0	1	363	6	0	1	523	9	0	1
55	Infraz	Gondar	63	6	14	1	74	7	16	1	109	2	0	1	159	3	0	1	230	4	0	1
56	Kolla Diba	Gondar	235	24	36	2	274	27	41	2	404	7	0	1	591	10	0	1	851	14	1	1
57	Maksegnit	Gondar	112	11	21	1	130	13	23	1	193	4	0	1	281	5	0	1	405	7	0	1
58	Metema	Gondar	162	16	27	1	189	19	30	1	278	5	0	1	407	7	0	1	586	10	0	1
59	Serba	Gondar	5	0	4	1	6	1	4	1	9	1	0	1	13	1	0	1	18	1	0	1
60	Shawra	Gondar	94	9	18	1	109	11	20	1	162	3	0	1	236	4	0	1	340	6	0	1
61	Shendi	Gondar	211	21	33	2	246	25	37	2	363	6	0	1	530	9	0	1	763	13	1	1
62	Stei	Gondar	170	17	28	1	199	20	32	2	293	5	0	1	428	7	0	1	617	10	0	1
63	Teda	Gondar	29	3	9	1	33	3	9	1	49	1	0	1	72	2	0	1	104	2	0	1
64	Tikil Dingay	Gondar	46	5	11	1	54	5	13	1	79	2	0	1	116	2	0	1	167	3	0	1
Total			61,847				72,053				106,406				155,407				223,979			