
D.Table 3.3-1 Existing/Planned Transmission Systems for Rural Areas

- 1 Northern Region**
- 2 North Eastern Region**
- 3 North Western Region**
- 4 Western Region**
- 5 Eastern Region**
- 6 South Eastern Region**
- 7 Southern Region**
- 8 South Western Region**



D.Table 3.3-1 (1/8)

Existing / Planned Transmission Systems for Rural Areas
NORTHERN REGION

Item No.	Link Name	Station type	Antenna Type		Tower type	Tower Height	Transmission system	Linked to	Frequency		CH.Capacity				Model	Supplier	Year of opening	Exchange (RAX)
			Up	Down					Tx	Rx	Max	Equip.	Active					
1	Abi Adi	Terminal	SUB		MAST	10m	DRMASS	Mekelle	1526 MHZ	1460.5MHZ	16	11	11	TRP1.5GDMA2003ASU	NEC	1998	500/DMS-10	
2	Adet(Tigry)	Terminal	SUB		Steel pole	7 m	DRMASS	Axum	1498MHZ	1432.5MHZ	16	8	3	TRP1.5GDMA2003ASU	NEC	1998		
4	Adi Daero	Terminal	1.2m Grid		Steel pole	7 m	DRMASS	AXUM	1446.5MHZ	1512MHZ	16	8	4	TRP1.5GDMA2003ASU	NEC	1998		
5	Adi Ghebru	Terminal	SUB		MAST	10 m	DRMASS	AXUM	1460.5MHZ	1526MHZ	16	8	1	TRP1.5GDMA2003ASU		2000		
7	Adi Gudom	Terminal	SUB		MAST	10m	DRMASS	"	1515.5 MHZ	1450MHZ	16	6	6	TRP1.5GDMA2003ASU	NEC	2000		
8	Adi Shaho	Terminal			MAST	10m	DRMASS	"			16	8	4	TRP1.5GDMA2003ASU	NEC	2000		
10	Agbie	Terminal	SUB		MAST	10m	DRMASS	"	1453.5	1519MHZ	16	7	3	TRP1.5GDMA2003ASU	NEC	1998		
11	Agulie	Terminal	SUB		MAST	10m	DRMASS	"	1501.5	1436MHZ	16	6	2	TRP1.5GDMA2003ASU	NEC	2000		
13	Amberameteka	Terminal	1.2 grid		MAST	10m	DRMASS	Mekelle	1453.5 MHZ	1519MHZ	16	6	1	TRP1.5GDMA2003ASU	NEC	1998		
16	Bizet	Terminal	1.2m Parabolic		MAST	10m	DRMASS	Mekelle	1457 MHZ	1522.5MHZ	16	8	2	TRP1.5GDMA2003ASU	NEC	2000		
17	Chila	Terminal	1.2m Parabolic		MAST	10m	DRMASS	Axum	1446.5MHZ	1512MHZ	16	8	2	TRP1.5GDMA2003ASU	NEC	1998		
18	Edaga Hamus	Terminal	SUB		Steel pole	7m	DRMASS	Mekelle	1508.5MHZ	1443MHZ	16	8	6	TRP1.5GDMA2003ASU	NEC	2000		
19	Endabaguna	Terminal	SUB		MAST	10m	DRMASS	Axum	1519 MHZ	1453.5MHZ	16	8	4	TRP1.5GDMA2003ASU	NEC	2000		
21	Enticho	Terminal	SUB		Tower	10m	DRMASS	Axum	1439.5 MHZ	1505MHZ	16	1	8	TRP1.5GDMA2003ASU	NEC	1998		
22	Feresmay	Terminal	SUB		Tower	10m	DRMASS	Axum	1439.5 MHZ	1505MHZ	16	8	2	TRP1.5GDMA2003ASU	NEC	1998		
23	Hawzien	Terminal	SUB		MAST	10m	DRMASS	Mekelle	1508.5MHZ		1443	16	8	4	TRP1.5GDMA2003ASU	NEC	2000	
26	Mai Nebri	Terminal	SUB		MAST	10m	DRMASS	Mekelle	1436MHZ	1501.5MHZ	16	8	2	TRP1.5GDMA2003ASU	NEC	2000		
28	Maheberedegu	Terminal	SUB		Steel pole	10 m	DRMASS	Axum	1498MHZ	1432.5MHZ	16	8	2	TRP1.5GDMA2003ASU	NEC	2000		
30	Negash	Terminal	SUB		MAST	10m	DRMASS	Mekelle	1494.5MHZ	1429MHZ	16	6	2	TRP1.5GDMA2003ASU	NEC	2000		
32	Quiha	Terminal	SUB		MAST	10m	DRMASS	Mekelle	1512MHZ	1446.5MHZ	16	13	4	TRP1.5GDMA2003ASU	NEC	1998	500/DMS-10	
33	Rama	Terminal	SUB		MAST	"	DRMASS	Axum	1446.5MHZ	1512MHZ	16	8	5	TRP1.5GDMA2003ASU	NEC	1998		
34	Samre	RRM+DORM	SUB	Omni	MAST	"	DRMASS	Mekelle	1519 , 1526	1453.5,1460.5	16	8	5	TRP1.5GDMA2003ASU	NEC	2000		
35	Selekleka	Terminal	SUB		MAST	10 m	DRMASS	Axum	1446.5 MHZ	1512MHZ	16	8	5	TRP1.5GDMA2003ASU	NEC	1998		
36	Senketa	Terminal	SUB		MAST	10m	DRMASS	Mekelle	1494.5	1429	16	8	5	TRP1.5GDMA2003ASU	NEC	2000		
37	Shiraro	Terminal	1.8 Grid		Tower	22m	DRMASS	Axum	1494.5	1429	16	8	6	TRP1.5GDMA2003ASU	NEC	2000		
38	Workamba	Terminal	SUB		MAST	10m	DRMASS	Mekelle	1429MHZ	1494.5	16	8	2	TRP1.5GDMA2003ASU	NEC	1999		
39	Wukro	Terminal	YAGI		MAST	10m	D/UHF	Mekelle	1454.5	1429	16	16	16	TRP1.5GDMA2003ASU	NEC	2000	256	
40	Wukromaray	Terminal	SUB		Steel pole	7m	DRMASS	Axum	1446.5	1512	16	8	3	TRP1.5GDMA2003ASU	NEC	1998		
41	Yechila	Terminal	1.2 m		MAST	10m	DRMASS	Mekelle	1453.5	1519	16	8	4	TRP1.5GDMA2003ASU	NEC	1998		
43	Zana	Terminal	SUB		MAST	10 m	DRMASS	Axum	1505MHZ	1439.5	16	8	2	TRP1.5GDMA2003ASU	NEC	1998		
59	Axum & Air prot	Remot sub	Sub		MAST	10m	DRMASS	Axum & Air p	1498	1432.5	16	8	6	TRP1.5GDMA2003ASU	NEC	2000		
60	Merha Senay	Terminal	Sub		Tawer	10m	DRMASS	Merhaseney	1453.5	1519	16	5	2	TRP1.5GDMA2003ASU	NEC	2000		
61	Edaga Arbi	Terminal	Sub		MAST	10m	DRMASS	Edga Arbi td	1457	1522.5	16	8	3	TRP1.5GDMA2003ASU	NEC	2000		
62	Adi Wala	Terminal	Grid		MAST	10m	DRMASS	Axum & Air p	1494.5	1429	16	8	2	TRP1.5GDMA2003ASU	NEC	2000		
63	Adinebryed	Terminal	Grid		MAST	10m	DRMASS	Axum	1494.5	1429	16	8	2	TRP1.5GDMA2003ASU	NEC	2000		
64	Adihageray	Terminal	Sub		MAST	10m	DRMASS	Axum	1494.5	1429	16	8	3	TRP1.5GDMA2003ASU	NEC	2000		
65	Hintalo	Terminal	Sub		MAST	10m	DRMASS	Mekele	1515.5	1450	16	8	1	TRP1.5GDMA2003ASU	NEC	2000		
66	Miknetal	Terminal	Sub		MAST	10m	DRMASS	Axum	1450	1515.5	16	8	2	TRP1.5GDMA2003ASU	NEC	2000		
67	Badme	Terminal	Sub		MAST	10m	DRMASS	Axum	1436	1501.5	16	8	2	TRP1.5GDMA2003ASU	NEC	2000		
77	Gerhu Senay	Terminal	Grid		MAST	10m	DRMASS	Atebes to m	1457	1522.5	16	8	3	TRP1.5GDMA2003ASU	NEC	2000		
78	Hager Selam	Terminal	Sub		MAST	10m	DRMASS	Atebes to m	1464	1529.5	16	6	3	TRP1.5GDMA2003ASU	NEC	1998		
79	Semama	Terminal	Sub		MAST	10m	DRMASS	Adidaero we	1494.5	1429	16	8	1	TRP1.5GDMA2003ASU	NEC	2000		
81	Haik Mesahit	Terminal	Sub		MAST	10m	DRMASS	Selat to Mel	1501.5	1436	16	8	3	TRP1.5GDMA2003ASU	NEC	2000		
82	Atsbi	Terminal	Sub		MAST	10m	DRMASS	Batiero to m	1519	1453.5	16	8	3	TRP1.5GDMA2003ASU	NEC	2000		
85	D/Birhan	Terminal	Grid	Horn	Tower	22m	DRMASS	Inkot& tsige	1494.5	1429				TRP1.5GDMA2003ASU	NEC	2000		
86	Tsigereda	Terminal	Sub		MAST	10m	DRMASS	D/Birhan to Mekele			16	8	2	TRP1.5GDMA2003ASU	NEC	2000		
87	Dongolat	RRM+su	Sub	Omni	MAST	10m	DRMASS	Adigiba Am	1515.5-1494.5	1450-1429	16	8	2	TRP1.5GDMA2003ASU	NEC	2000		
89	Samre	RRM+su	Sub	Omni	MAST	10m	DRMASS	Adigiba me	1519-1526	1453.5-1460.5	16	8	5	TRP1.5GDMA2003ASU	NEC	2000		
90	Gijet	Terminal	Sub		MAST	10m	DRMASS	Samre to m	1460.5	1526	16	8	2	TRP1.5GDMA2003ASU	NEC	2000		
91	Aynalem	Terminal	Sub		MAST	10m	DRMASS	Ambaradon	1515.5	1450	16	8	2	TRP1.5GDMA2003ASU	NEC	2000		
92	Cement factory	Remot sub	Sub		MAST	10m	DRMASS	Ambaradon	1515.5	1450	16	8	4	TRP1.5GDMA2003ASU	NEC	2001		
93	Hiwane	RRM+su	Grid	Omni	Tower	22m	DRMASS	Minebry to r	1515.5-1505.5	1450-1436	16	8	2	TRP1.5GDMA2003ASU	NEC	2000		

D.Table 3.3-1 (1/8)

Item No.	Link Name	Station type	Antenna Type		Tower type	Tower Hieght	Transmission system	Linked to	Frequency		CH.Capacity			Model	Supplier	Year of opening	Exchange (RAX)
			Up	Down					Tx	Rx	Max	Equip.	Active				
96	Borra	Terminal	Sub		MAST	10m	DRMASS	Gertsas to mekele			16	8	2	TRP1.5GDMA2003ASU	NEC	2000	
97	Della	Terminal	Sub		MAST	10m	DRMASS	Gertsas to mekele			16	8	2	TRP1.5GDMA2003ASU	NEC	2000	
98	Meswati	Terminal	Sub		MAST	10m	DRMASS	Bolnta to Mekele	1519	1453.5	16	8	2	TRP1.5GDMA2003ASU	NEC	2000	
99	Mehoni	Terminal	Sub		MAST	10m	DRMASS	Maichew north to mekele	1446.5	1512	16	8	6	TRP1.5GDMA2003ASU	NEC	2000	
100	Chercher	Terminal	Grid		MAST	10m	DRMASS	Maichew north to mekele	1446.5	1512	16	8	3	TRP1.5GDMA2003ASU	NEC	2000	
15	Betmariam	Remote pay station	Satellite dish				V-SAT	Sululta			3	2	2	V-SAT	G11AT	2000	
101	Waja	Remote pa	Sat. Dish				V-sat	Sululta			3	2	2	V-sat	Celat	2001	
102	Sheket	Remote pa	Sat. Dish				V-sat	Sululta			3	2	2	V-sat	Celat	2000	
3	Adi Abum	Terminal	SUB														
24	Humera	pay station	Sat.dish parabolic				Sattelite	Sululta									
25	Mai Alekhti	Terminal															
42	Zalambessa	Terminal	DIPOLE														

D.Table 3.3-1 (2/8)

**Existing/Planned Radio & Transmission System
For Rural Areas
NORTH EASTERN REGION**

Item No	Link Name	Station type	Antenna Type		Tower type	Tower Hieght	Transmission system	Linked to	Frequency		CH.Capacity			Model	Supplier	Year of opening	Exchange (RAX)
			Up	Down					Tx	Rx	Max	Equip.	Active				
1	Adjibar Saint	Terminal	1.8 m	grid			VSAT	A/A	6.095 MHZ	3.87 MHZ	2 ch			Faraway	Gilat		
2	Ajibar Tenta	Terminal		HORN	Steel pole	10 m	DRMASS	Dessie	1425.5 MHZ	1446.5 MHZ	16 ch			DRMASS	NEC		
3	Akesta	Terminal		HORN	Steel pole	10 m	DRMASS	Dessie	1439.5 MHZ	1488.5 MHZ	16 ch			DRMASS	NEC		
4	Amba Mariam	Terminal		HORN	Steel pole	10 m	DRMASS	Dessie	1425.5 MHZ	1446.5 MHZ	16 ch			DRMASS	NEC		
5	Antsokia	Terminal					VHF	Kemissie	165.675MHz	160.675MHz	2ch		2 CH				
6	Bati	Terminal	3.8 m	grid			VSAT	A/A	4 GHZ	4 GHZ	8 ch			Faraway	Gilat		
7	Bistima	Terminal		YAGI	Steel pole	7 m	VHF	Dessie	163.675 MHZ	163.675 MHZ	1 ch			TR3E1-1B	NEC		
8	Chefa Robit	Terminal					Long-line										
9	Chfa Woledi	Terminal					Long-line										
10	Chifra	Terminal		dipole	mast		HF	Dessie	4 - 9 MHZ	5 - 11 MHZ	3 ch				Codan		
12	Degan	Terminal		YAGI	Steel pole	8m	VHF	Dessie			1Ch		1			1993	
14	Det Behir	Terminal		YAGI	Steel pole	7 m		Dessie			1 ch			TR3E11	NEC		
15	Dicha Otto	Terminal	1.8 m	grid			VSAT	A/A	6.095 MHZ	3.87 MHZ	2 ch			Faraway	Gilat		
16	Dupti	Terminal		double stack	Steel pole	9 m	AN/UHF	Tendaho	880 MHZ	850 MHZ	120 ch			TRP-400	NEC		289/368
17	Elidar	Terminal	1.8 m	grid			VSAT	A/A	6.095 MHZ	3.87 MHZ	2 ch			Dilaway	Gilat		
18	Eliwuha	Terminal		parabolic	Steel pole	7 m	VHF	Dessie			2 ch			Dilaway	Gilat		
19	Epheson(Ataye)	Terminal		grid	Self suport	22m	D/M/Wave	Dessie	2GHZ	2GHZ	4X2Mb/s		2Mb/s	DM2G-1000	FUJITSU		500/DMS-10
20	Flakit	Terminal		dipole	mast		HF	Dessie	4 - 9 MHZ	5 - 11 MHZ	3 ch				Codan		
21	Gerba	Terminal					Long-line										
22	Gashen Mariam	Terminal		YAGI	Steel pole	8m	DRMASS	Dessie			4Ch		2Ch	DRMASS	NEC		
23	Gobye	Terminal					Long-line										
24	Haik	Terminal					UHF	Combolcha	377.00MHz	365.00MHz	6 ch		5 CH				
25	Harbu	Terminal					Long-line										
26	Jamma(Degolo)	Terminal	1.8 m	grid	steel pole	10 m	DRMASS	Dessie	1449 MHZ	1450 MHZ	16 ch			DRMASS	NEC		
27	Jewha	Terminal					Long-line										
28	Kabe	Terminal					Long-line										
30	Kelela	Terminal		YAGI	steel pole	10 m	DRMASS	Dessie	1432.5 MHZ	1481.5 MHZ	16 ch			DRMASS	NEC		
31	Kemissie	Terminal	3.8 m	grid	Self suport	22 m	D/M/Wave	Dessie	2 GHZ	2 GHZ	4X2Mb/s		2mb/s	DM2G-1000	Fujitsu		500/DMS-10
32	Kobo (Wello)	Terminal		parabolic	Self suport	22 m	D/M/Wave	Dessie	1725.5 MHZ	1846.5MHZ	2mb/s			DMR-771	Alcatel		500/DMS-10
33	Kobo Robit	Terminal					Long-line										
34	Kon Abo(Kobe)	Terminal	1.8 m	grid			VSAT	A/A	6.095 MHZ	3.87 MHZ	2 ch			Faraway	Gilat		
	Korke	Terminal					DRMASS	Dessie	1443.5MHz	1492.5MHz	16ch		3 CH	DRMASS	NEC		
35	Kutaber	Terminal					Carrier	Dessie			3 ch			OS-2D	NEC		
36	Lalibala	Terminal	9 m	grid			DOMSAT	Dessie			4 ch			DOMSAT	NEC		277/368

D.Table 3.3-1 (2/8)

Item No	Link Name	Station type	Antenna Type		Tower type	Tower Hieght	Transmission system	Linked to	Frequency		CH.Capacity			Model	Supplier	Year of opening	Exchange (RAX)
			Up	Down					Tx	Rx	Max	Equip.	Active				
37	Leguamua	Terminal		YAGI	steel pole	10 m	DRMASS	Dessie	1439.5 MHZ	1488.5 MHZ	16 ch			DRMASS	NEC		
38	Loghia	Terminal		grid	self suport	22 m	D/M/Wave	Dessie	1755.5 MHZ	1874.5 MHZ	2 mb/s				Siemens		
39	Majete	terminal					Long-line										
40	Masha(Mocha)	Terminal		YAGI	steel pole	8 m	VHF	Dessie			1 ch				Codan		
41	Mekane Selam(Wollo)	Terminal	1.2 m	grid	steel pole	8 m	DRMASS	Dessie	1432.5 MHZ	1481.5 MHZ	16 ch			DRMASS	NEC		
42	Mersa	Terminal	3.8 m	grid			VSAT	A/A	6.095 MHZ	3.87 MHZ	8 ch			Faraway	Gilat		500/DMS-10
43	Mille	Terminal	3.8 m	grid			VSAT	A/A	6.095 MHZ	3.87 MHZ	8 ch			Faraway	Gilat		
44	Mujja	Terminal															
46	Sekota	Terminal	3.8 m	grid			VSAT	A/A	6.095 MHZ	3.87 MHZ	8 ch			Faraway	Gilat		500/DMS-10
47	D/Birhan	Terminal					DRMASS	Senebete	1506.00MHz	1457.00MHz	16 ch		2 CH				
48	Sirinka	Terminal		YAGI	steel pole	10 m	VHF	Dessie	161.8 MHZ	150.8 MHZ	2 ch			Bestar	Bestar		
49	Sulula	Terminal					Long-line										
50	Tenta	Terminal	1.2 m	grid	steel pole	8 m	DRMASS	Dessie	1453.5 MHZ	1502.5 MHZ	16 ch			DRMASS	NEC		
51	Tita	Terminal		YAGI	steel pole	10 m	DRMASS	Dessie	1443 MHZ	1492 MHZ	16 ch			DRMASS	NEC		
	Tossa	Terminal					VHF	Dessie	171.650MHz	166.650MHz	1 ch		1 CH				
	Tuluawelia	Terminal					DRMASS	Dessie	1425.5 MHZ	1446.5MHz	4 ch		2 CH	DRMASS	NEC		
52	Urgessa	Terminal					Long-line										
53	Wajja	terminal					Long-line										
54	Wegede	Terminal	4.0 m	grid	steel pole	10 m	DRMASS	Dessie	1432.5 MHZ	1481.5 MHZ	16 ch			DRMASS	NEC		
55	Wegele Tena	Terminal		omni	self suport	20 m	DRMASS	Dessie	1495.5 MHZ	1446 MHZ	16 ch			DRMASS	NEC		
56	Weinamba	Terminal		HORN	steel pole	10 m	DRMASS	Dessie	1449 MHZ	1450 MHZ	16 ch			DRMASS	NEC		
58	Were Ilu	Terminal		grid	self suport	22 m	D/M/Wave	Dessie	1.9 GHZ	1.9 GHZ	8 mb/s			DMR-3000	Alcatel		140/184
59	Wuchale	Terminal		YAGI	steel pole	8 m	VHF	Dessie	179.75 MHZ	165.75 MHZ	2 ch			NA-100	NEC		
83	Tulu Walya	Terminal		YAGI	Steel pole	10m	DRMASS	Dessie			16 ch			DRMASS	NEC		
84	Dalefagi	Terminal	1.8m	grid			Vsat	A/A			2 ch			dilaway	Gilat		
85	Rassa	Terminal	10m	YAGI	Steel pole	10m	DRMASS	Debre Berhan	1457.0MHZ	1522.0MHZ	16 ch			DRMASS	NEC	1993	
86	Keliwan	Terminal	1.8m	grid			Vsat	A/A			2 ch			dilaway	Gilat		

D.Table 3.3-1 (3/8)

**Existing/Planned Radio & Transmission Systems
For Rural Areas
NORTH WESTERN REGION**

em N	Link Name	Station type	Antenna Type		Tower type	Tower Hieght	Transmission system	Linked to	Frequency		CH.Capacity			Model	Supplier	Exchange (RAX)
			Up	Down					Tx	Rx	Max	Equip.	Active			
1	Abderafi	Terminal					VSAT	A/A				2CH				
2	Abechekli(Durbete)	Terminal					VSAT	A/A				2 CH		TR3E1-N	NEC	
3	Addis Kidam	Terminal					VSAT	A/A				2 CH		TR3E1-N	NEC	
4	Addis Zemen	Terminal	Parabolic		self		D/M/Wave	Bahir Dar	1.9-2.3 GHZ	1.9-2.3 GHZ	8 Mb/s		DM 3000	Alcatel	101/184	
5	Adet(Gojjam)	Terminal					VSAT	A/A				2CH				
6	Adiarkay	Terminal	1.8 m	Omny	mast	22 m	DRMASS	Gondar	1.4-1.6 GHZ	1.4-1.6 GHZ	8 CH		DRMASS	NEC		
7	Amanuel	Terminal					Carrier	Debre Markos	0.036-0.143 GHZ	0.036-0.143 GHZ	3 CH		OZ-6	NEC		
8	Amba Ghiorgis	Terminal	SUB		mast	10 m	DRMASS	Gondar	1.4-1.6 GHZ	1.4-1.6 GHZ	8 CH		DRMASS	NEC		
9	Amba Maderia	Terminal					long line									
10	Ambassame	Terminal					long line									VSAT Planned
11	Arbaya	Terminal	Dipole				HF	Bahir Dar				1 CH		Codan		
12	Azezo	Terminal	Parabolic		self		D/M/Wave	Gondar	1.9-2.1 GHZ	1.9-2.1 GHZ	4 Mb/s		CIR 210/2	Siemens	500/DMS-10	
14	Bermariam	Terminal					long line									
15	Bichena	Terminal	Parabolic		self		D/M/Wave	Debre Markos	1.9-2.3 GHZ	1.9-2.3 GHZ	4 CH		Nokia VHF	Nokia	304/736	
16	Bure(Gojjam)	Terminal	Parabolic		self		D/M/Wave	Debre Markos	1.9-2.3 GHZ	1.9-2.3 GHZ	8 Mb/s		DM 3000	Alcatel	338/368	
17	Chew Ber	Terminal					long line									
18	Chewahit	Terminal	SUB		mast	15 m	DRMASS	Gondar	1.4-1.6 GHZ	1.4-1.6 GHZ	8 CH		DRMASS	NEC		
19	Chilga(Aykel)	Terminal	1.2 m		mast	20 m	DRMASS	Gondar	1.4-1.6 GHZ	1.4-1.6 GHZ	8 CH		DRMASS	NEC		
20	Dabat	Terminal	SUB		mast	15 m	DRMASS	Gondar	1.4-1.6 GHZ	1.4-1.6 GHZ	8 CH		DRMASS	NEC		
21	Dangla	Terminal	Grid		self	67 m	D/M/Wave	Bahir Dar	1.9-2.3 GHZ	1.9-2.3 GHZ	8 Mb/s		DM 3000	Alcatel	2000/DMS-10	
22	Debark	Terminal	Grid		mast	25 m	DRMASS	Gondar	1.4-1.6 GHZ	1.4-1.6 GHZ	8 CH		DRMASS	NEC		
25	Debre Work	Terminal	Yagi		steel pole		UHF	Debre Markos	0.34-0.47 GHZ	0.34-0.47 GHZ	4 CH		Nokia VHF	NEC		
26	Dejen	Terminal	Parabolic		self		D/M/Wave	Debre Markos	1.7-1.9 GHZ	1.7-1.9 GHZ	4 Mb/s		DM 3000	Teletra	184/187	
27	Delgi	Terminal	SUB		mast	10 m	DRMASS	Gondar	1.4-1.6 GHZ	1.4-1.6 GHZ	8 CH		DRMASS	NEC		
28	Denbecha	Terminal					Carrier	Debre Markos	0.036-0.143 GHZ	0.036-0.143 GHZ	12 CH		OS 2Z	NEC		
29	Dib Bahir	Terminal					long line									
30	Ebinat	Terminal	1.2 m		mast	30 m	DRMASS	Gondar	1.4-1.6 GHZ	1.4-1.6 GHZ	8 CH		DRMASS	NEC		
31	Felege Birhan	Terminal					long line									
32	Fenote selam	Terminal	Grid		self		D/M/Wave	Debre Markos	1.9-2.3 GHZ	1.9-2.3 GHZ	8 Mb/s		DM 3000	Alcatel	184/189	
33	Feres Bet	Terminal					VSAT	A/A				2 CH				
34	G. Mariam	Terminal	Grid		self		D/M/Wave	Debre Markos	1.7-2.5 GHZ	1.7-2.5 GHZ	4 Mb/s		CIR-210/2	Siemens	80/184	
35	Gassay	Terminal					long line									
36	Gedebghie	Terminal	SUB		mast	10 m	DRMASS	Gondar	1.4-1.6 GHZ	1.4-1.6 GHZ	8 CH		DRMASS	NEC		
37	Gilgel Abay	Terminal														
38	Gobgob	Terminal					long line									
40	Gorgora	Terminal	1.2 m		mast	10 m	DRMASS	Gondar	1.4-1.6 GHZ	1.4-1.6 GHZ	8 CH		DRMASS	NEC		
41	Gundewoin	Terminal	Yagi		steel pole		VHF	Debre Markos				1 CH				VSAT Planned
42	Hamusit	Terminal	3.0 m		mast	20 m	DRMASS	Gondar	1.4-1.6 GHZ	1.4-1.6 GHZ	8 CH		DRMASS	NEC		
43	Infranz	Terminal					Vsat	A/A				2CH				
44	Jiga	Terminal					long line									
45	Keranio	Terminal	Yagi		steel pole		VHF	Debre Markos				1 CH		NEC VHF	NEC	
46	Kessa	Terminal					long line									
47	Kimir Dingay	Terminal	SUB		mast	10 m	DRMASS	Gondar	1.4-1.6 GHZ	1.4-1.6 GHZ	8 CH		DRMASS	NEC		
48	Kolla Dibba	Terminal	SUB		mast	10 m	DRMASS	Gondar	1.4-1.6 GHZ	1.4-1.6 GHZ	8 CH		DRMASS	NEC		
49	Kosso Ber	Terminal	Grid		steel pole		D/M/Wave	Debre Markos	1.9-2.3 GHZ	1.9-2.3 GHZ	8 Mb/s		DM 3000	Alcatel	184/187	
50	Kunzla	Terminal	Yagi		steel pole		VHF	Bahir Dar				1 CH		100214	NEC	
51	Kuyi	Terminal					RRC									
52	Lumame	Terminal					long line									
53	Mai Tsebri	Terminal					long line									
54	Meksegnit	Terminal	SUB		mast	14 m	DRMASS	Gondar	1.4-1.6 GHZ	1.4-1.6 GHZ	8 CH		DRMASS	NEC		
55	Menkusa	Terminal					long line									
56	Merawi	Terminal					long line									

D.Table 3.3-1 (3/8)

em N	Link Name	Station type	Antenna Type		Tower type	Tower Hieght	Transmission system	Linked to	Frequency		CH.Capacity			Model	Supplier	Exchange (RAX)
			Up	Down					Tx	Rx	Max	Equip.	Active			
57	Mertole Mariam	Terminal	Yagi		steel pole		VHF	Debre Markos	0.16-0.17 GHZ	0.16-0.17 GHZ	1 CH			NEC VHF	NEC	
58	Meshenti	Terminal	Yagi				VHF	Bahir Dar			1 CH			100214	NEC	
59	Metekel(Chagni)	Terminal	Grid		self		D/M/Wave	Bahir Dar	1.9-2.3 GHZ	1.9-2.3 GHZ	8 Mb/s			DM 3000	Alcatel	500/DMS-10
60	Metema(Gende Wuha)	Terminal					VSAT	A/A			2CH					
61	Mota	Terminal	Grid		self		D/M/Wave	Bahir Dar	0.8-1.0 GHZ	0.8-1.0 GHZ	2 Mb/s			UD-09	Teletra	500/DMS-10
62	Nefas Mewcha	Terminal	Grid		self		D/M/Wave	Bahir Dar	1.7-1.9 GHZ	1.7-1.9 GHZ	4 Mb/s			DM 3000	Alcatel	
63	Pawe	Terminal	Grid		self		D/M/Wave	Bahir Dar	1.9-2.3 GHZ	1.9-2.3 GHZ	8 Mb/s			DM 3000	Alcatel	
64	Saraba	Terminal					long line									
65	Semada(Wegda)	Terminal	Dipole				HF	Bahir Dar			1 CH			Codan		
66	Shendi	Terminal	Dipole				VSAT	A/A			2 CH			Codan		
67	Steil(Meaneyesus)	Terminal	SUB		mast	10 m	DRMASS	Gondar	1.4-1.6 GHZ	1.4-1.6 GHZ	8 CH			DRMASS	NEC	
68	Teda	Terminal	SUB		mast	14 m	DRMASS	Gondar	1.4-1.6 GHZ	1.4-1.6 GHZ	8 CH			DRMASS	NEC	
69	Tikil Dingay	Terminal					long line									
70	Tillili	Terminal					Carrier	Debre Markos	0.036-0.143 GHZ	0.036-0.143 GHZ	3 CH			OZ-6	NEC	
71	Tis Abay	Terminal	Yagi				VSAT	A/A			2 CH			PM-10	Italtel	
72	Wakin	Terminal	SUB		mast	15 m	DRMASS	Gondar	1.4-1.6 GHZ	1.4-1.6 GHZ	8 CH			DRMASS	NEC	
73	Werota	Terminal	SUB		mast	10 m	DRMASS	Gondar	1.4-1.6 GHZ	1.4-1.6 GHZ	8 CH			DRMASS	NEC	
74	Yechereka	Terminal					long line									
75	Yejube	Terminal	Dipole				VSAT	A/A			2 CH					
76	Yifag	Terminal	SUB		mast	10 m	DRMASS	Gondar	1.4-1.6 GHZ	1.4-1.6 GHZ	8 CH			DRMASS	NEC	
77	Yitemene	Terminal					long line									
78	Zerima	Terminal					long line									
79	Zegie	Terminal	Yagi				VHF	Bahir Dar			1 CH			NA-100	NEC	
104	Manbuk						VSAT	A/A			2CH					
105	Mankush						VSAT	A/A			2CH					

D.Table 3.3-1 (4/8)

Transmission System for Rural Areas

Western Region

Item No	Link Name	Station	Antenna Type		Tower Height(m)	Transmission system	Linked to	Frequency		CH.Capacity			Model	Supplier	change (R)	
			Up	Down				Power type	Tx(HZ)	Rx(HZ)	Max	Equip.				Active
1	<i>Enango - Ghimbi</i>		Grid		Mast	10	DRMASS	Ghimbi	453.5	1519	16ch					
2	<i>Nejo - Nekempite</i>	Terminal					VHF		158.225	153.225	12ch					102/184
3	<i>Getema</i>	Terminal					VHF-Nalog		153.785	158.75	1ch					
4	<i>Hommja - Ghimbi</i>						UHF-Digital			1.5GHz	16ch					
5	<i>Mugi - Dembi Doillo</i>						VHF Analog				1ch					
6	<i>Anno - Bako</i>	Terminal					VHJF		151.625	151.625	1ch					
7	<i>Lalokile - Ghimbi</i>		Grid		Mast	10	DRMASS	Ghimbi	501.5	1436	16ch					
8	<i>Shambu - Nekeptie</i>	Terminal					UHF-Digital			915	2x2Mb					
9	<i>Nolekapa - Ghimbi</i>						VHF Analog		1512	1446.5	1ch					
10	<i>Gori - Ghimbi</i>		Grid		Mast	10	DRMASS	Ghimbi	501.5	1460.5	16ch					
11	<i>Guyi</i>	Terminal	Grid		Mast	10	DRMASS	Ghimbi	453.5	1519	16ch					
12	<i>Fincha - Nekeptie</i>	Terminal					UHF-Digital			929	2Mb					172/184
13	<i>Kakie - Ghimbi</i>	Terminal					VHF Digital		161.45	6.45	1ch					
14	<i>Ayana - Nekeptie</i>	Terminal					VHF-Analog		160.5	165.5	1ch					
15	<i>Kiltu Kara - Ghimbi</i>						UHF Digital			1.5GHz	16ch					
16	<i>Werejira - Nedjo</i>						VHF		152.25	157.25	1ch					
17	<i>Dongero - Ghimbi</i>	Terminal	Grid		Mast	10	DRMASS	Ghimbi	453.5	1519	16ch					
18	<i>Bako - Nekeptie</i>	Terminal					M/W			922/	2x2Mb					163/184
19	<i>Argo - Getema</i>	Terminal					VHF		153.75	158.75	1ch					
20	<i>Kumnuk</i>	Terminal														
21	<i>Guliso</i>	Terminal	Grid		Mast	10	DRMASS	Ghimbi	453.5	1519	16ch					
22	<i>Alem Teferi - Ghimbi</i>	Terminal	Grid		Mast	10	DRMASS	Ghimbi	501.5	1436	16ch					
23	<i>Billa - Ghimbi</i>		Grid		Mast	10	DRMASS	Ghimbi	453.5	1519	16ch					
24	<i>Chanka - Ghimbi</i>		Grid		Mast	10	DRMASS	Ghimbi		1.5GHz	16ch					
25	<i>Ayra - Ghimbi</i>	Terminal	Grid		Mast	10	DRMASS	Ghimbi	453.5	1519	16ch					
26	<i>Dedessa</i>	Terminal					UHF-Digital			1.5GHz	16ch					
26	<i>Ybdo Ghimbi</i>	Terminal	Grid		Mast	10	DRMASS	Ghimbi	501.5	1436	16ch					
27	<i>Fincha Sugar Factory - Nekeptie</i>	Terminal					UHF-Analog		443.3	455.5	2ch					
28	<i>Mendi</i>	Terminal					VHF		158.225	153.225	12ch					95/184
29	<i>Bambasi</i>	Terminal					VSAT			C-Band	2ch					
30	<i>Begi</i>	Terminal					VSAT			C-Band	2ch					
31	<i>Meniga</i>	Terminal					VSAT			C-Band	2ch					
32	<i>Tongo</i>	Terminal					VSAT			C-Band	2ch					
33	<i>Combalcha</i>	Terminal					VSAT			C-Band	2ch					
34	<i>Alibo</i>	Terminal					VSAT			C-Band	2ch					
35	<i>Okeru</i>	Terminal					VSAT			C-Band	2ch					
36	<i>Gida Kiremu</i>	Terminal					VSAT			C-Band	2ch					
37	<i>Hindi</i>	Terminal					VSAT			C-Band	2ch					
38	<i>Nunu Kumba</i>	Terminal					VSAT			C-Band	2ch					
39	<i>Asbu</i>	Terminal					VSAT			C-Band	2ch					
40	<i>Gebete</i>	Terminal					VSAT			C-Band	2ch					
41	<i>gidame</i>	Terminal					VSAT			C-Band	2ch					
42	<i>Guten</i>	Terminal					VSAT			C-Band	2ch					
43	<i>Kamash</i>	Terminal					VSAT			C-Band	2ch					
44	<i>Nunu Kumba</i>	Terminal					VSAT			C-Band	2ch					
45	<i>Wayu</i>	Terminal					VSAT			C-Band	2ch					

D.Table 3.3-1 (5/8)

*Existing / Planned Radio & Transmission System
For Rural Areas
EASTERN REGION*

No.	Link Name	Tele. Region	Adm. Region	Transmission System	Linked With	Frequency (MHz)		Capacity			Model	Supplier	Year of Opening	Exchange (RAX)
						TX	Rx	Max	Equip.	Active				
1	Adele	ER	Oromiya	VHF	Alemaya			1ch	1ch	1ch	TR3-E1	NEC	1987	
2	Afdem	ER	Somali										1955	
3	AlemMaya	ER	Oromiya	DRMASS	D.D	1509.5	1460.5	40	32	23	TRP1.5GDMA 4MB-304	NEC	1957	
4	Amaressa	ER	Oromiya	Long Line	Harar								1995	
5	Arba	ER	Oromiya	Long Line									1979	
6	Assebot	ER	Oromiya	VSAT	Sululta	C-Band	C-Band	8ch	8ch	8ch	Far-away	Gilat	1965	
7	Aware	ER	Somali										1982	
8	Aweday	ER	Oromiya	DRMASS	D.D	1453.5	1502.5	16ch	8ch	5ch	TRP1.5 GDMA 4B - 304	NEC	1976	
9	Ayisha	ER	Somali	MWD	D.D			30ch	24	2	DMR-970	NEC	1996	
10	Babile	ER	Oromiya	DRMASS	D.D	1453.5	1502.5	16ch	8ch	4ch	TRP1.5 GDMA4B-304	NEC	1963	
11	Bedeno	ER	Oromiya	DRMASS	D.D	1443	1492	16ch	8ch	2ch	TRP1.5 GDMA 4B-304	NEC	1967	
12	Bedessa	ER	Oromiya	VSAT	Sululta	C-Band	C-Band	8ch	8ch	8ch	Far-away	Gilat	1965	
13	Belbeliti	ER	Oromiya	NO									1977	
14	Bisidimo	ER	Oromiya	DRMASS	D.D	1453.5	1502.5	16ch	8ch	2ch	TRP1.5GDMA4B-304	NEC	1995	
15	Bocco (Feddis)	ER	Oromiya	NO									1966	
16	Boreda	ER	Oromiya	DRMASS	D.D	1443	1492	16ch	8ch	2ch	TRP1.5GDMA4B-304	NEC	1969	
17	Chelenko	ER	Oromiya	DRMASS	D.D	1436	1485	16ch	8ch	2ch	TRP1.5GDMA 4B-304	NEC	1963	
18	Chinhaksen	ER	Somali	VSAT	Sululta	C-Band	C-Band	2ch	2ch	2ch	Dial-away	Gilat	1986	
19	Dawe	ER	Oromiya										1982	
20	Debesso	ER	Oromiya	VSAT	Sululta	C-Band	C-Band	2ch	2ch	2ch	Dial-away	Gilat	1976	
21	Deder	ER	Oromiya	DRMASS	D.D	1443	1492	16ch	8ch	3ch	TRP1.5 GDMA 4B-304	NEC	1962	
22	Degehabur	ER	Somali	VSAT	Sululta	C-Band	C-Band	8ch	8ch	8ch	Far-away	Gilat	1980	
23	Doba	ER	Oromiya	VSAT	Sululta	C-Band	C-Band	2ch	2ch	2ch	Dial-away	Gilat	1972	
24	Ejersa Goro	ER	Oromiya	DRMASS	D.D	1453.5	1502.5	16ch	8ch	2ch	TRp1.5 GDMA4Mb - 304	NEC	1973	
25	Erer	ER	Somali	VSAT	Sululta	C-Band	C-Band	2ch	2ch	2ch	Dial-away	Gilat	1953	
26	Fiq	ER	Somali	VSAT	Sululta	C-Band	C-Band	2ch	2ch	2ch	Dial-away	Gilat	1990	
27	Geladin	ER	Somali										1981	
28	Gelemso	ER	Oromiya	VSAT	Sululta	C-Band	C-Band	8ch	8ch	8ch	Far-away	Gilat		
29	Girawa	ER	Oromiya	DRMASS	D.D	1453.5	1502.5	16ch	8ch	3ch	TRp1.5 GDMA4Mb - 304	NEC		
30	Gode	ER	Somali	VSAT	Sululta	C-Band	C-Band	20ch						256
31	Gursum	ER	Oromiya	DRMASS	D.D	1453.5	1502.5	16ch	8ch	4ch	TRp1.5 GDMA4Mb - 304	NEC		
32	Hamer Hadid	ER	Somali											
33	Harawacha	ER	Oromiya	DRMASS	D.D	1443	1492	16ch	8ch	3ch	TRP1.5 GDMA 4Mb - 304	NEC	1972	
34	Hima	ER	Oromiya	DRMASS	D.D	1499	1450	16ch	8ch	8ch	TRP1.5 GDMA 4Mb - 304	NEC	1963	
35	Hurso	ER	Somali	UHF	D.D	377	387	12	11	10	TR4FM12	NEC		
36	Kara Kurkura	ER	Oromiya	VSAT	Sululta	C-Band	C-Band	2ch	2ch	2ch	Dial-away	Gilat	1994	
37	Karamile	ER	Oromiya	DRMASS	D.D	1485	1436	16ch	8ch	3ch	TRP1.5 GDMA4Mb - 304	NEC	1969	
38	Kebri Beyah	ER	Somali	VSAT	Sululta	C-Band	C-Band	2ch	2ch	2ch	Dial-away	Gilat	1990	
39	Kebridahar	ER	Somali	DOMSAT	Sululta	C-Band	C-Band	4ch	4ch	4ch	SCPC	NEC	1980	256
40	Kelafo	ER	Somali											

D.Table 3.3-1 (5/8)

No.	Link Name	Tele. Region	Adm. Region	Transmission System	Linked With	Frequency (MHz)		Capacity			Model	Supplier	Year of Opening	Exchange (RAX)
						TX	Rx	Max	Equip.	Active				
41	Kessa (Hararge)	ER	Oromiya	DRMASS	D.D	1485	1436	16ch	8ch	3ch	TRP1.5 GDMA 4Mb - 304	NEC	1980	
42	Kobo (Hararge)	ER	Oromiya	DRMASS	D.D	1443	1492	16ch	8ch	3ch	TRP1.5 GDMA 4Mb - 304	NEC	1976	
43	Kulubi	ER	Oromiya	DRMASS	D.D	1485	1436	16ch	8ch	3ch	TRP1.5 GDMA 4Mb - 304	NEC	1962	
44	Kuni	ER	Oromiya	VSAT	Sululta	C-Band	C-Band	2ch	2ch	2ch	Dial-away	Gilat	1981	
45	Kurfachele	ER	Oromiya	DRMASS	D.D	1453.5	1502.5	16ch	8ch	3ch	TRp1.5 GDMA4Mb - 304	NEC	1976	
46	Langie	ER	Oromiya	DRMASS	D.D	1485	1436	16ch	8ch	3ch	TRP1.5 GDMA4Mb - 304	NEC	1976	
47	Lefissa	ER		VSAT	Sululta	C-Band	C-Band	2ch	2ch	2ch	Dial-away	Gilat		
48	Mechara	ER	Oromiya	VSAT	Sululta	C-Band	C-Band	8ch	8ch	8ch	Far-away	Gilat	1982	
49	Mecheta	ER	Oromiya	L.L	Mechara								1982	
50	Melka Jebdu	ER	D/Dawa	DRMASS	D.D	1429	1478	16ch	8ch	3ch	TRp1.5 GDMA4Mb - 304	NEC	1994	
51	Melkarafu (Com)	ER	Oromiya	DRMASS	D.D	1453.5	1502.5	16ch	8ch	3ch	TRp1.5 GDMA4Mb - 304	NEC	1966	
52	Messela	ER	Oromiya	DRMASS	D.D	1499	1450	16ch	8ch	3ch	TRp1.5 GDMA4Mb - 304	NEC	1972	
53	Meyu Burka	ER	Oromiya	NO									1990	
54	Miesso	ER	Oromiya	UHF	Asebe Teferi	392.5	404.5	24ch	12ch	3ch	C6/C12	NEC	1955	
55	Misrak Gashamo	ER	Somali											
56	Mustabil	ER	Somali											
57	Segef	ER	Somali											
58	Shilabo	ER	Somali										1981	
59	Shinile	ER	Somali	VSAT	Sululta	C-Band	C-Band	8ch	8ch	8ch	Far-away	Gilat	1995	
60	Teferi Ber	ER	Somali	VSAT	Sululta	C-Band	C-Band	2ch	2ch	2ch	Dial-away	Gilat	1990	
61	Wachoo	ER	Oromiya	VSAT	Sululta	C-Band	C-Band	2ch	2ch	2ch	Dial-away	Gilat	1980	
62	Warder	ER	Somali	VSAT	Sululta	C-Band	C-Band	8ch	8ch	8ch	Far-away	Gilat	1980	
63	Watter	ER	Oromiya	VSAT	Sululta	C-Band	C-Band	2ch	2ch	2ch	Dial-away	Gilat	1976	

D.Table 3.3-1 (6/8)

Existing / Planned Radio & Transmission System:
For Rural Areas
SOUTH EASTERN REGION

No.	Link Name	Tele. Regio	Adm. Region	Transmission System	Linked With	Frequency (MHz)		Capacity			Model	Supplier	Year of Opening	Exchange (RAX)
						TX	Rx	Max	Equip.	Active				
	Abajima	SER	Oromiya	VSAT		C - Band		2chs	2chs	2chs	Dialaway	GILAT	Mar. -01	
1	Abossa	SER	Oromiya	Long Line	Zway			1ch	1ch	1ch			1994	
2	Adaba	SER	Oromiya	VHF	Dodola	169	164	1ch	1ch	1ch				
3	Adami Tulu	SER	Oromiya	VHF	Zway			1ch	1ch	1ch			1983	
4	Agarfa	SER	Oromiya	UHF	Goba	400	400	6ch	6ch	3ch	TRP1.5GDMA4Mb-2003ASU	NEC	1981	
	Airforce	SER	Oromiya	VSAT		C - Band		8chs	8chs	8chs	FARAWAY	GILAT	Jan. 00	
5	AlemTena	SER	Oromiya	DRMASS	Nazreth	1515.5	1450	16ch	8ch	7ch	TRP1.5GDMA4Mb-2003ASU	NEC	1961	
6	Alli	SER	Oromiya	VHF	Goba	147	142	1ch	1ch	1ch	TR3E1-2A	NEC	1983	
7	Amba	SER	Oromiya	UHF				12chs					1991	
	Ardeita	SER	Oromiya	UHF	Dodola	400		6ch			TRP0-400C6-1A	NEC	2001	
8	Arerti	SER	Oromiya	DRMASS	Nazreth	1464	1529.5	16ch	8ch	6ch	TRP1.5GDMA4Mb-2003ASU	NEC	1994	
9	Assasa	SER	Oromiya	VSAT		C - Band		8chs	3ch	3ch	FARAWAY	GILAT	Sep. 01	
10	Awash Arba	SER	Oromiya	DRMASS	Nazreth			16ch	8ch	2ch	TRP1.5GDMA4Mb-2003ASU	NEC		
	Awash Bordade	SER	Oromiya	VSAT		C - Band		2ch	2ch	2ch	Dialaway	GILAT	2001	
11	Awash (Sebat Kilo)	SER	Oromiya	DRMASS	Nazreth	1512	1446.5	16ch			TRP1.5GDMA4Mb-2003ASU	NEC	1955	500/DMS-10
	Awash Mechanized Birgade	SER	Oromiya	VSAT		C - Band		8chs	8chs	8chs	FARAWAY	GILAT	Mar. -01	
	Cholie	SER	Oromiya	VSAT		C - Band		2ch	2ch	2ch	Dialaway	GILAT	Mar. -01	
12	Balcha	SER	Oromiya	DRMASS	Nazreth	1446	1529.5	16ch			TRP1.5GDMA4Mb-2003ASU	NEC	1994	
13	Bare	SER	Oromiya										1981	
14	Bekoji	SER	Oromiya	VSAT	Sululta	C - Band	C - Band	8chs	8chs	8chs	FARAWAY	GILAT		
	Berbere	SER	Oromiya	VSAT		C - Band		2ch	2ch	2ch	Dialaway	GILAT	Nov. 01	
15	Boffa	SER	Oromiya	DRMASS	Nazreth	1526	1460.5	16ch	8ch	2ch	TRP1.5GDMA4Mb-2003ASU	NEC	1980	
16	Bulala	SER	Oromiya	Long Line	Robe								1995	
17	Chefe Donsa	SER	Oromiya	VHF	Modjo	166	171	2ch	2ch	2ch	NA-100	NEC	1993	
18	Delomena (Messelo)	SER	Oromiya	M/W	Goba	1741.5	1783.5	8Mb	2mb	2mb	DM3000	ALCATEL	1981	79/184
	Delosebro	SER	Oromiya	VHF	Ghinir	160-170		1ch	1ch	1ch	SR-20K	Telepoint	Aug. -01	
	Dembel	SER	Oromiya	VSAT		C - Band		2ch	2ch	2ch	Dialaway	GILAT	Nov. 01	
19	Dera	SER	Oromiya	UHF	Nazreth	400	400	6ch			TRP0-400C6-1A	NEC	1962	
20	Dinsho	SER	Oromiya	VHF	Gassera	147	142	1ch			TR3E1-2A	NEC	1967	
21	Dixis	SER	Oromiya	Long Line	Robe								*	
22	Dodolla	SER	Oromiya	UHF	Shashemene	800MHz Range	800MHz Range	120ch	24ch	24ch	TR-800D1.20-7A	NEC	1964	128/184
23	Doni	SER	Oromiya	DRMASS	Nazreth	1526	1460.5	16ch	8ch	2ch	TRP1.5GDMA4Mb-2003ASU	NEC	1972	
24	Dukem	SER	Oromiya	DRMASS	Addis Ababa	1492	1443	16ch			TRP1.5GDMA4Mb-2003ASU	NEC	1970	500/DMS-10
	Dukem	SER	Oromiya	Mobile	Addis Ababa			2mb	2mb	2mb				
25	Elkere	SER	Oromiya										1981	
26	Gassera	SER	Oromiya	UHF		400MHz	400MHz	6ch			TRP-400C6-1A	NEC	1983	
27	Gewane	SER	Oromiya	VHF	Debre Sina	163	168	1ch	1ch	1ch	TR3E1-2B	NEC	*	
28	Ginir	SER	Oromiya	M/W	Goba	1860.5	1902.5	8Mb	2mb	14ch	DM3000	ALCATEL	1974	179/192
	Goba	SER	Oromiya	VHF	Sinana	169.3	164.3	1ch	1ch	1ch	TR3E1-1D	NEC	1988	
29	Gobessa	SER	Oromiya	VSAT	Sululta	C-Band	C-Band	8chs	8ch	2ch	FARAWAY	GILAT	1973	
30	Gondie	SER	Oromiya											
31	Gorro	SER	Oromiya	VSAT		C-Band	C-Band	2ch	2ch	2ch	Dialaway	GILAT	Nov. 01	
32	Herrero	SER	Oromiya											
33	Huruta	SER	Oromiya	DRMASS	Nazreth	1526	1460.5	16ch	8ch	3ch	TRP1.5GDMA4Mb-2003ASU	NEC	1971	
34	Iteya	SER	Oromiya	VHF	Assela			2ch	2ch	2ch	TR3E1-2B	NEC		
35	Jara	SER	Oromiya	VHF	Ghinir	174	142	1ch	1ch	1ch	TR3E1-2A	NEC	1963	
	Keangnam Gedamaitu	SER	Oromiya	VSAT	Sululta	C-Band		2ch	2ch	2ch	Dialaway	GILAT	Mar. -00	

D.Table 3.3-1 (6/8)

No.	Link Name	Tele. Regio	Adm. Region	Transmissi on System	Linked With	Frequency (MHz)		Capacity			Model	Supplier	Year of Opening	Exchange (RAX)
						TX	Rx	Max	Equip.	Active				
36	Kersa (Arsi)	SER	Oromiya	VSAT		C-Band		8ch	2ch	2ch	FARAWAY	GILAT	Oct. 01	
37	Koka Negewo	SER	Oromiya	DRMASS	Nazreth	1519	1465.35	16ch	8ch	2ch	TRP1.5 GDMA4MB-2003 ASU	NEC	1972	
38	Meki	SER	Oromiya	M/W	Shashemene						SDH	fujitsu	2000	500/DMS-10
39	Melka Werer	SER	Oromiya	DRMASS	Nazreth	1453.5	1519	16ch	8ch	2ch	TRP1.5 GDMA4MB-2003 ASU	Nec	1994	
40	Melka Sedi Pay Station	SER	Oromiya		Nazreth				8ch	2ch	TRP1.5 GDMA4MB-2003 ASU	NEC		
41	Melkassa	SER	Oromiya	DRMASS	Nazreth	1519	1453.5	16ch	8ch	2ch	TRP1.5 GDMA4MB-2003 ASU	NEC	1965	
42	Meraro	SER	Oromiya	VSAT		C-Band		2chs	2chs	2chs	Dialaway	GILAT	Nov. 01	
43	Metehara	SER	Oromiya	M/W	Nazreth	874	894	2x2Mb	2mb	2mb	UD - 0.9	TELETRRA	1969	396/500
44	Ogolebo	SER	Oromiya	VHF	Assela	163	168	1ch	1ch	1ch	TR3E1-2B	NEC	1981	
45	Robe (Arsi)	SER	Oromiya	VSAT		C-Band		8chs	3ch	3ch	FARAWAY	GILAT	Mar. -01	
46	Sagure	SER	Oromiya	VSAT		C-Band		8chs	3ch	3ch	FARAWAY	GILAT	Dec. 01	
47	Sheneka	SER	Oromiya										1981	
48	Sire (Arsi)	SER	Oromiya	DRMASS	Nazreth	148.5	143	16ch			TRP-1.5DMA4MB-2003A	NEC	1962	
49	Ticho	SER	Oromiya	VSAT	Sululta	C-Band	C-Band	2chs	2chs	2chs	DIALWAY	GILAT	2001	
50	Abomsa	SER	Oromiya	VSAT	Sululta	C-Band	C-Band	2chs	2chs	2chs	DIALWAY	GILAT	2001	
51	Agarfā (Training Center)	SER	Oromiya	UHF	Goba			6ch	6ch	3ch	UD-09	TELETTRA	1980	
52	Wolenchiti	SER	Oromiya	DRMASS	Nazreth			16ch	8ch	3ch	TRP-1.5GDMA4MB-2003A	NEC	1960	
53	Koka EELPC	SER	Oromiya	VHF	Nazreth	146 - 174MHz	146 - 174MHz	1ch	1ch	1ch	PM - 12	ITALTEL	1990	
54	Melkassa Palace	SER	Oromiya	VHF	Nazreth	146 - 174MHz	146 - 174MHz	1ch	1ch	1ch	PM - 12	ITALTEL	1990	
55	Melkassa EELPC	SER	Oromiya	VHF	Nazreth	146 - 174MHz	146 - 174MHz	1ch	1ch	1ch	PM - 12	ITALTEL	1990	
56	Children Village	SER	Oromiya	VHF	Nazreth	146 - 174MHz	146 - 174MHz	1ch	1ch	1ch	PM - 12	ITALTEL	1990	
57	GafatEngineering	SER	Oromiya	DMW	Debre Zeit	2GHZ	2GHZ	2x2Mbps			DMR-770	NEC	1988	
58	East Africa P. ltd.	SER	Oromiya	VHF	Debre Zeit	163	163/168MHz	2chs			EXTENDO-2000	BESTAR	1998	
59	Zeway Children	SER	Oromiya	AUHF	Shashemene	400MHz	400MHz	12chs			FMI2 - 400	NOKIA		
60	Soda Ash	SER	Oromiya	VHF	Zway	158	153	1ch	1ch	1ch	Ty3E1 - 2B	NEC		
61	Zeway pesticides	SER	Oromiya	VHF	Zway	161	156	2chs			EXTENMDO - 2000	BESTAR	1998	
62	Gonde Special Seed	SER	Oromiya	VHF	Assela	163	168	1ch	1ch	1ch	PM-10	ITALTEL		
	Kokossa	SER	Oromiya	VSAT	Sululta	C-Band	C-Band	8chs	8chs	8chs	DIALAWAY	GILAT	1999-2000	
	Ethio-Tannery Factory	SER	Oromiya	DRMASS	Nazreth	1.5GHz	1.5GHz	16ch	8chs		TRP-1.5DMA4MB-2003A	NEC	1998	
	Aluminium Sulphate Factor	SER	Oromiya	DRMASS	Nazreth	1.5GHz	1.5GHz	16ch	8chs		TRP-1.5DMA4MB-2003A	NEC	1998	
	AwashMelkassaAgricultura	SER	Oromiya	DRMASS	Nazreth	1.5GHz	1.5GHz	16ch	8chs		TRP-1.5DMA4MB-2003A	NEC	1998	
	Middle Awash State Farm	SER	Oromiya	DRMASS	Nazreth	1.5GHz	1.5GHz	16ch	8chs		TRP-1.5DMA4MB-2003A	NEC	1998	

D.Table 3.3-1 (7/8)

*Existing / Planned Radio & Transmission Systems
For Rural Areas
SOUTHERN REGION*

No.	Link Name	Transmission System	Linked With	Frequency (MHz)		Capacity			Supplier	Year of commissioning
				Tx	Rx	Max	Equiped	Active		
1	Adelu	Long Line	Alaba Kulito			1ch	1ch	1ch		1995
2	Adjie	VHF	Shashemene			2ch	2ch	2ch	NEC	1973
3	Agere Mariam	DRMASS	Dilla	1526	1460.5	16ch	8chs	4ch	NEC	1969
4	Agere Selam	DRMASS	Dilla	1443	1508.5	16ch	8chs	2ch	NEC	1968
5	Alaba Kulito	VSAT	Sululta	C-Band	C-Band	8chs	8chs	8chs	GILAT	1999
	Alaba Kulitu	DRMASS	Hossana			8chs	8chs	8chs	NEC	1999
6	Aleta Wondo	UHF Analog	Shashemene	800MHZ	800MHZ	120ch	24ch	16ch	NEC	1995
7	Alkeso									1991
8	Amarokele	DRMASS	Dilla	1508.5	1443	16ch	8chs	3chs	NEC	1999
9	Angacha	DRMASS	Hossana	1450		16ch	8chs	2chs	NEC	1999-2000
10	Aposto	Long Line	Yirgalem			1ch	1ch	1ch		1966
11	Areka	DRMASS	Hossana	1498		16ch	8chs	2chs	NEC	1999-2000
12	Awash Melka	DRMASS	Addis Ababa	1.5GHz	1.5GHz	16ch	8chs	2chs		1961
13	Bedessa	VSAT	Sululta	C-Band	C-Band	2ch	2ch	2ch	GILAT	1984
14	Bele	DRMASS	Arba Minch	1453.5		16ch	8chs	2chs	NEC	1999-2000
15	Bensa (Daye)	DRMASS	Dilla			16ch			NEC	1972
16	Birbir	DRMASS	Arba Minch	1.5GHz	1.5GHz	16ch	8chs	2chs	NEC	1970
17	Bodilty	DRMASS	Arba Minch	1503.5		16ch	8chs	4chs	NEC	1999-2000
18	Bonesha	DRMASS	Hossana	1526	1460.5	16ch	8chs		NEC	1972
19	Bore	DRMASS	Dilla	1508.5	14443	16ch	8chs	3chs	NEC	1999
20	Buie	DRMASS	Hossana	1446.5		16ch	8chs	2chs	NEC	1999-2000
21	Bulbula	UHF Analog	Negele Arsi			6ch	3chs	2chs	NEC	1982
22	Bule	DRMASS	Dilla	1439	1488	16ch	8chs	2chs	NEC	1968
23	Chelelectu	DRMASS	Dilla			16ch	8chs	3chs	NEC	1999
24	Chencha	DRMASS	Arba Minch			16ch	8chs	3chs	NEC	1999-2000
25	Chuko	UHF	Awassa			12ch	6ch	3chs	NEC	1995
26	Dalocha	DRMASS	Hossana			16ch	8chs	2chs	NEC	1995
27	Demboya	DRMASS	Hossana			16ch	8chs	2chs	NEC	1999-2000
28	Dollo Odo	VSAT	Sululta	C-Band	C-Band	1ch	2chs	2chs	GILAT	2001
29	Doyogena	DRMASS	Hossana			16ch	8chs	2chs	NEC	1999-2000
30	Durame	VSAT	Shashemene	C-Band	C-Band	8chs	8chs	8chs	GILAT	1999
31	Ewegebeya									
32	EZO	DRMASS	Arba Minch			16ch	8chs	2chs	NEC	1999-2000
33	Filtu	VSAT	Sululta	C-Band	C-Band	2chs	2chs	2chs	GILAT	2001
34	FisehaGenet	DRMASS	Dilla	1526	1460.5	16ch	8chs	3chs	NEC	1999
35	Fonko	DRMASS	Hossana	1522.5		16ch	8chs	2chs	NEC	1999-2000
36	Gambo (Munes)	VHF	Shashemene			1ch	1ch	1ch	NEC	1993
37	Gassupa	Long Line	Welaita			1ch	1ch	1ch		
38	Gazer	VSAT Planned								
39	Gedeb	Long Line				1ch	1ch	1ch		1992
40	Gerba (South)	Long Line				1ch	1ch	1ch		1986
41	Gerese	DRMASS	Arba Minch	1503.5		16ch	8chs	2chs	NEC	1999
42	Ghimbicho	DRMASS	Hossana	1450		16ch	8chs	2chs	NEC	1999-2000
43	Gidole	D/Microwave	Arba Minch	7477	7438	30chs	30chs	2chs	NEC	1994
44	Hadero	DRMASS	Hossana	1498		16ch	8chs	2chs	NEC	1999-2000

D.Table 3.3-1 (7/8)

No.	Link Name	Transmission System	Linked With	Frequency (MHz)		Capacity			Supplier	Year of commissioning
				Tx	Rx	Max	Equiped	Active		
45	Harekelo	VHF	Negele Borena	142.9	147.9	1ch	1ch	1ch	NEC	1990
46	Homecho	DRMASS	Hossana	1450		16ch	8chs	2chs	NEC	1999-2000
47	Humbo	DRMASS	Arba Minch	1464		16ch	8chs	2chs	NEC	1999-2000
48	Jajura	DRMASS	Hossana	1450		16ch	8chs	2chs	NEC	1999-2000
49	Jinka	D/Microwave	Arba Minch	7477	7638	480ch		5ch	NEC	1994
50	Kebado	DRMASS	Dilla	1498	1432.5	16ch	8chs	2chs	NEC	1999
51	Kela	DRMASS	Hossana	1498	1432.5	16ch	8chs	2chs	NEC	1999-2000
52	Key Afer	VSAT Planned								
53	Kibet	DRMASS	Dilla			16ch	8chs	3chs	NEC	2000
54	Kofele	VSAT	Shashemene	C-Band	C-Band	8chs	8chs	2chs	GILAT	1999
55	Konso	DRMASS	Arba Minch			16ch	8chs	3chs	NEC	
56	Korie									1997
57	Koshie									
58	Kuyera	UHF	Shashemene			12ch	6ch	4ch	Italy	1966
59	Kuyera Hospita	VHF	Shashemene			1ch	1ch	1ch	ITALTEL	
60	Langano	VSAT	Sululta	C-Band	C-Band	2ch	2ch	2ch	GILAT	
61	Lante	DRMASS	Arba Minch	1503.5		16ch	8chs	2chs	NEC	1999
62	Leku	D/UHF	Shashemene	400MHZ	400MHZ	12ch	6chs	2chs	NEC	1996
63	Lemen	DRMASS	Hossana			16ch	8chs	2chs	NEC	1999
64	Lera	DRMASS	Hossana	1522.5		16ch	8chs	2chs	NEC	1999-2000
65	Mega	SBB	Shashemene			3ch	3ch	3ch	NEC	1995
66	Mirababay	DRMASS	Arba Minch	1450		16ch	8chs	2chs	NEC	1999-2000
67	Morsito	DRMASS	Hossana	1450		16ch	8chs	2chs	NEC	1999-2000
68	Moyale	UHF Analog	Shashemene	800MHZ	800MHZ	120ch	24ch	24ch	NEC	1981
69	Mudula	DRMASS	Hossana	1498		16ch	8chs	3chs	NEC	1999-2000
70	Negele Arsi	D/M/W	Shashemene			2x4 mb/s	2mb	2mb	Fujitsu	1999
71	Omon Rate	VSAT	Sululta	C-Band	C-Band	2chs	2chs	2chs	GILAT	1969
72	Sawla	M/W	Arba Minch	7638	7589	8Mb	2mb	4chs	NEC	1997
73	SelamBer	VHF	Welaita	142-175MHz	142-175MHz	1ch	1ch	1ch	NEC	1977
74	Shakiso	UHF Analog	Shashemene	800MHZ	800MHZ	120ch	24ch	17ch	NEC	1990
75	Shinshicho	DRMASS	Hossana	1498		16ch	8chs	3chs	NEC	1999-2000
76	shone	DRMASS	Hossana	1143.5		16ch	8chs	3chs	NEC	1999-2000
77	Solomo	DRMASS	Dilla	1541.5		16ch	8chs	3chs	NEC	1999
78	Soyoma	DRMASS	Dilla	1529		16ch	8chs	3chs	NEC	1999
79	Teferi Kela	Long Line	Aleta Wendo			1ch	1ch	1ch		1986
80	Tiya	DRMASS	Hossana	1446.5		16ch	8chs	2chs	NEC	1999-2000
81	Tulla	Long Line	Awassa			1ch	1ch	1ch		1976
82	Wadera	VHF	Negele Borena	142-175MHz	142-175MHz	2ch	1ch	1ch	BESTAR	1963
83	Wonago	DRMASS	Dilla	1519	1453.5	16ch	8chs	2chs	NEC	1999
84	Wondo (Aleta)	UHF	Shashemene			24chs	24chs	24chs	Italy	
85	Wondo (Kela)	UHF	Awassa	400MHZ	400MHZ	6ch	6ch	2ch	NEC	1980
86	Wondo Genet	UHF Digital	Awassa	400MHZ	400MHZ	6ch			NEC	1990
87	Wulbareg	DRMASS	Hossana	1457	1522.5	16ch	8chs	2chs	NEC	1981
88	Yabello	DRMASS	Dilla	1526	1460.5	16ch	8chs	3chs	NEC	1964
89	Yirga Cheffe	DRMASS	Dilla	1526	1460.5	16ch	8chs	5chs	NEC	1958
90	Zefine	DRMASS	Arba Minch	1503.5		16ch	8chs	2chs	NEC	1999-2000

D.Table 3.3-1 (8/8)

Existing / Planned Transmission System
For Rural Areas -South Western Region

No	Station Name	Tele Region	Adm.Region (kilil)	Link With	Transmission System	Frequency		CH capacity				Model	supplier	year of Opening	Exchange (RAX)
						TXM _{Hz}	RXM _{Hz}	Max	Equiped	Active	Other				
1	A.R.C	SWR	Oromya	Jimma	VHF	168.2	163.25	1	1	1		TR3E-1	NEC		
2	Abobo	SWR	Oromya	Sululta	VSAT	6,000	4,000	2	2				Gilat		
3	Algie	SWR	Oromya	Mettu	Drmass	1460.5	1509.5	16	16	2		TRP1.5GDMA4MB-304	NEC	1992	
4	Aman	SWR	S.N.N.P	Mizana	Cable			2	2	2			N	1969	
	Amaya	SWR		Sululta	VSAT	6,000	4,000	8	8						
5	Ambuye	SWR	Oromya	Jimma	Long line			1	1	1			N	1965	
6	Assendabo	SWR	Oromya	Jimma	Drmass	1485	1436	16	16	2		TRP1.5GDMA4MB-304	NEC	1992	
7	Atnago	SWR	Oromya	Sululta	VSAT	6k	4k	2	2	2		Dial-away	Gilat	1971	
8	Babu	SWR	Oromya	Jimma	Long line			1	1	1			N	1995	
9	Bebeka	SWR	Oromya	Sululta	VSAT	6k	4k	2	2	2		Dial-away	Gilat		
10	BECHO	SWR	Oromya	Gore	VHF	163.6	168.65	1	1	1		TR3E-1	NEC		
12	Beshasha	SWR	Oromya	Jimma	Long line			1	1	1			N	1982	
13	Bilida	SWR	Oromya	Sululta	VSAT			1	1	1			N	1966	
15	Bure	SWR	Oromya	Mettu	Drmass	1460.5	1509.5	16	2	2		TRP1.5GDMA4MB-304	NEC	1992	
16	Chiena	SWR	S.N.N.P	Jimma	Drmass	1457	1506	16	2	2		TRP1.5GDMA4MB-304	NEC	1992	
17	Choche	SWR	Oromya	Jimma	Long line			1	1	1			N	1968	
18	Chora(Kumbabe)	SWR	Oromya	Mettu	Drmass	1460.5	1509.5	16	2	2		TRP1.5GDMA4MB-304	NEC	1992	
19	Darimu(dipa)	SWR	Oromya	Mettu	Drmass	1460.5	1509.5	16	2	2		TRP1.5GDMA4MB-304	NEC	1992	
20	Dedo(Sheki)	SWR	Oromya	Jimma	Drmass	1485	1436	16	2	2		TRP1.5GDMA4MB-304	NEC	1992	
21	Dega	SWR	Oromya	Mettu	VHF	171.475	166.475	1	1	1		TR3E1-2A	NEC	1965	
22	Dembi	SWR	Oromya	Agaro	VHF			1	1	1		TR3E1-2A	NEC	1974	
23	Deneba(kefa)	SWR	Oromya	Sululta	VSAT	6k	4k	2	2	2		Dial-away	Gilat	1981	
24	Dima	SWR	Oromya	Sululta	VSAT	6k	4k	2	2	2		Dial-away	Gilat		
25	Dimtu	SWR	Oromya	Jimma	Long line			1	1	1			U	1997	
26	Dragados	SWR	Oromya	Jimma	VHF	164.35	169.35	2	2	2		BESTAR	U		
27	Fofa	SWR	S.N.N.P	Jimma	VHF	162.4	167.4	1	1	1		TR3E1-2A	NEC	1997	
28	Fogolika	SWR	Oromya	Mettu	VHF	169.025	164.025	1	1	1		TR3E1-2A	NEC	1959	
29	Fughido	SWR	Oromya	Sululta	VSAT	6k	4k	2	2	2		Dial-away	Gilat		
31	Gambela A.F	SWR	Gambela	Sululta	VSAT	6k	4k	8	8	1		Far-away	Gilat		
32	Gambela2	SWR	Gambela	Sululta	VSAT	6k	4k	8	8	6		Far-away	Gilat		
33	Gatera	SWR	Oromya	Jimma	VHF	153.325	158.325	1	1	1		TR3E1-2A	NEC	1971	
34	Gechi	SWR	Oromya	Beddele	VHF			1	1	1		TR3E1-2A	NEC	1959	
35	Gemie	SWR	Oromya	Agaro	Cable			3	3	3			U	1970	
36	Ghera	SWR	Oromya	Agaro	VHF	142.925	147.925	1	1	1		TR3E1-2A	NEC	1974	
37	Gige Bridge	SWR	Oromya		No com.			NO					U	1963	
38	GilgelGibe	SWR	Oromya	Jimma	VHF	171.575	166.575	1	1	1		TR3E-2A	NEC		
39	Gimbo(ufa)	SWR	S.N.N.P	Jimma	MW			30	3	3			U	1956	
40	Gore	SWR	Oromya	Mettu	MW	2024.5/2052.5	1905.5/1933.5	30	30	10		CTR210/2GHZ	SIEMENS	1975	184/188
41	Gumero	SWR	Oromya	Mettu	Drmass	1460.5	1509.5	16				TRP1.5GDMA4MB-304	NEC	1999	
42	Haro	SWR	Oromya	Sululta	VSAT	6,000	4,000	8	8				Gilat		
43	Hurmu	SWR	Oromya	Mettu	Drmass	1460.5	1509.5	16	16	2		TRP1.5GDMA4MB-304	NEC	1995	
44	Itang	SWR	Gambela	Sululta	VSAT	6k	4k	2	2	2		Dial-away	Gilat	1955	
45	Jikao	SWR	Gambela	Sululta	VSAT	6k	4k	2	2	2		Dial-away	Gilat		
47	Jimma2	SWR	Oromya	Sululta	VSAT	6k	4k	8	8			Far-away	Gilat		
48	Kumbi	SWR	Oromya	Jimma	Long line			1	1	1			U	1976	
49	Limu Genet	SWR	Oromya	Jimma	MW			30	30	6			U	1968	
50	Limu Seka	SWR	Oromya	Jimma	Long line			1	1	1			u	1984	

D.Table 3.3-1 (8/8)

No	Station Name	Tele Region	Adm.Rgion (kilil)	Link With	Transmission System	Frequency		CH capacity				Model	supplier	year of Opening	Exchange (RAX)
						TXM _{HZ}	RXM _{HZ}	Max	Equiped	Active C	Other				
51	Maji(Tum)	SWR	S.N.N.P		No com.			NO					U	1980	
52	Masha(Mocha)	SWR	S.N.N.P	Jimma	Drmass	1460.5	1509.5	16	16	2		TRP1.5GDMA4MB-304	NEC	1961	
53	Meti	SWR	Oromya	Jimma	Drmass	6k/1457	4k/1506	16/2	16	2		TRP1.5GDMA4MB-304			
54	Meti2	SWR	Oromya	Sululta	VSAT	6k	4k	2	2	2		Dial-away	Gilat		
57	Nopa	SWR	Oromya	Mettu	Drmass	1460.5	1509.5	16	16	2		TRP1.5GDMA4MB-304	NEC	1970	
58	Omonada	SWR	Oromya	Jimma	Long line			1	1	1			U	1969	
59	SALINI	SWR	Oromya	Jimma	VHF	156.25	161.25	2	2	2		BESTAR	U		
60	Seka	SWR	Oromya	Jimma	Drmass	1485.5	1436	16	16	2		TRP1.5GDMA4MB-304	NEC	1969	
61	Serbo	SWR	Oromya	Jimma	Drmass	1485.5	1436	16	16	2		TRP1.5GDMA4MB-304	NEC	1971	
62	Shay	SWR	Oromya	Agaro	VHF			1	1	1			U	1963	
63	Shebie	SWR	Oromya	Jimma	Drmass	1499	1450	16	16	2		TRP1.5GDMA4MB-304	NEC	1997	
64	Sheko	SWR	Oromya	Jimma	Drmass	1457	1506	16	16	2		TRP1.5GDMA4MB-304	NEC	1996	
65	Shishinda	SWR	S.N.N.P	Jimma	Drmass	1499	1450	16	16	2		TRP1.5GDMA4MB-304	NEC	1982	
66	Sigmo	SWR	Oromya	Sululta	VSAT	6k	4k	2	2	2		Dial-away	Gilat	1960	
67	Soccoru	SWR	Oromya	Jimma	VHF	142.925	147.925	1	1	1		TR3E-2A	U	1995	
68	Supe	SWR	Oromya	Mettu	Drmass	1460.5	1509.5	16	16	2		TRP1.5GDMA4MB-304	NEC	1979	
69	Tepi	SWR	S.N.N.P	Jimma	MW	2108.5/2136.5/1457	2227.5/2255.5/1506	60	60	30		CTR210/2GHZ	SIEMENS	1965	500/DMS-10
70	Tobba	SWR	Oromya	Jimma	Drmass	1485	1436	16	16	2		TRP1.5GDMA4MB-304	NEC	1995	
71	Uka	SWR	Oromya	Mettu	Drmass	1460.5	1509.5	16	16	2		TRP1.5GDMA4MB-304	NEC	1980	
72	Waka	SWR	S.N.N.P	Sululta	VSAT	6k	4k	2	2	2		Dial-away	Gilat		
73	Wushwush	SWR	S.N.N.P	Jimma	Drmass	1499	1450	16	16	2		TRP1.5GDMA4MB-304	NEC		
74	Yayu	SWR	Oromya	Mettu	VHF	156.75	151.75	1	1	1		TR3E-2A	NEC		
	Yebu	SWR			VSAT	6,000	4,000	8	8				Gilat		
76	Zublin	SWR	Gambela	Sululta	VSAT	6k	4k	2	2			Dial-away	Gilat		
77	Bachuma	SWR	Oromya	Sululta	Vsat-Planned	6k	4k	2	2			Dial-away	Gilat		
78	Babu-2	SWR	Oromya	Sululta	Vsat-Planned	6k	4k	2	2			Dial-away	Gilat		
79	Tercha	SWR	Oromya	Sululta	Vsat-Planned	6k	4k	2	2			Dial-away	Gilat		
80	Haro_2	SWR	Oromya	Sululta	Vsat-Planned	6k	4k	2	2			Dial-away	Gilat		
81	Amaya	SWR	Oromya	Sululta	Vsat-Planned	6k	4k	2	2			Dial-away	Gilat		
82	Ambuye	SWR	Oromya	Sululta	Vsat-Planned	6k	4k	2	2			Dial-away	Gilat		
83	Bilida	SWR	Oromya	Sululta	Vsat-Planned	6k	4k	2	2			Dial-away	Gilat		
84	Omonada	SWR	Oromya	Sululta	Vsat-Planned	6k	4k	2	2			Dial-away	Gilat		
85	Gembe-2	SWR	Oromya	Sululta	Vsat-Planned	6k	4k	2	2			Dial-away	Gilat		
86	Toba-2	SWR	Oromya	Sululta	Vsat-Planned	6k	4k	2	2			Dial-away	Gilat		
87	Abobo	SWR	Oromya	Sululta	Vsat-Planned	6k	4k	2	2			Dial-away	Gilat		
89	Gughajor	SWR	Oromya	Sululta	Vsat-Planned	6k	4k	2	2			Dial-away	Gilat		
90	yebu	SWR	Oromya	Sululta	Vsat-Planned	6k	4k	2	2			Dial-away	Gilat		