

3. Cable Network Expansion Plan

Table 4-9 (1/30) Examination of the Existing Primary Cable Pairs

S.S.C CODE	NO	NAME OF EXCHANGE	No. of Primary Cable Pairs		Effective No. of Pairs (1) x 0.7 = (2)	#1 No. of Subs. Lines in (3)	#2 Occupied Rate (%)	Demand in 1990 (4)	Average Increase (4)-(3) 7=(5)	Duration (Year) (2)-(3)/ (5)
			Planned by SLTD	Existing						
		ANURADAPURA S.S.C.								
ANR	1	Anuradapura Mihintale Talawa Tiripane Rambaya	2200	900	2170	589	2112	218	7.3	
	2	Eppawala Gajneva Maha Iluppallama	300		210	38	184	21	8.2	
	3	Galenbindunuwewa	200		140	10	44	5	26.0	
	4	Iloropatana	300		210	10	52	6	33.3	
	5	Kahatagasdigiliya Sippukulam	400		280	28	112	12	21.0	
	6	Kebitigollewa	200		140	13	63	7	18.1	
	7	Kerirawa Vijjithapura Ipologama	800	(75)	560	80	344	38	12.7	
	8	Medavachchiya Cheddikulam	400		280	38	156	17	14.2	
	9	Nochchiyagama	200		140	18	63	6	20.3	
	10	Tambuttegama	600		420	14	47	5	81.2	

Table 4-9 (2/30) Examination of the Existing Primary Cable Pairs

S.S.C CODE	NO	NAME OF EXCHANGE	No. of Primary Cable Pairs (1)			Effective No. of Pairs (1) x 0.7 = (2)	#1 No. of Subs. Lines in 1983 (3)	#2 Occupied Rate (%)	Demand in 1990 (4)	Average Increase (4)-(3) / (5)-(3) / (5)	Duration (Year)
			Planned by SLTD	Existing	Total						
		AMAPARA S.S.C.									
APR	I	Ampara		800	900	630	214	763	78	5.3	

Table 4-9 (3/30) Examination of the Existing Primary Cable Pairs

S.S.C CODE	NO	NAME OF EXCHANGE	No. of Primary Cable Pairs		Effective No. of Pairs $(1) \times 0.7$ = (2)	#1 No. of Subs. Lines in 1983 (3)	#2 Occupied Rate (%)	Demand in 1980 (4)	Average Increase $(4)-(3)$ /7=(5)	Duration (Year) $(2)-(3)/$ (5)
			Planned by SLTD	Existing						
		AVISSAWELLA S.S.C.								
AVS	1	Avisawella Dehiowita Labugama		550	385	222	699	68	2.4	
	2	Bulatkohupitiya	100	(27)	70	17	47	4	13.3	
	3	Deraniyagala	300	(50)	210	28	90	9	20.2	
	4	Ehaliyagoda Parakaduwa Yagama		54	37.8	67	410	49	0.0	
	5	Kithulgala	100	(18)	70	11	39	4	14.8	
	6	Kosgama Ilanwala Pugoda Wasa	600		420	72	468	57	6.2	
	7	Ruwanwella Waharaka Yabiyantota								

Table 4-9 (4/30) Examination of the Existing Primary Cable Pairs

S.S.C CODE	NO	NAME OF EXCHANGE	No. of Primary Cable Pairs		Effective No. of Pairs (1) X 0.7 = (2)	#1 No. of Subs. Lines in 1983 (3)	#2 Occupied Rate (%)	Demand in 1980 (4)	Average Increase (4)-(3) 77=(5)	Duration (Year) (2)-(3) (5)
			Planned by SLTD	Total						
		BUDULLA S.S.C.								
BDL	1	Badulla Demodara Etampitiya Glenapin Hallela				477		1709	176	
	2	Bibile Madagama	400	(15)	280	39		115	11	21.9
	3	Kandaketiya	200		140	3		9	0.9	152.2
	4	Madulsima	300		210	15		41	4	48.8
	5	Monaragala Buttala		25	17.5	91		396	44	0.0
	6	Namunukula		50	35	20		69	7	2.1
	7	Padiyatalawa Mahaoya				13		39	4	
	8	Passara Badakumbura Lunugala		100	70	92		276	26	0.0
	9	Vellavaya				11		74	9	
	10	Mahiyangana				50		232	26	

Table 4-9 (5/30) Examination of the Existing Primary Cable Pairs

S.S.C CODE	NO	NAME OF EXCHANGE	No. of Primary Cable Pairs (1)		Effective No. of Pairs (1) X 0.7 = (2)	#1 No. of Subs. Lines in 1983 (3)	#2 Occupied Rate (%)	Demand in 1990 (4)	Average Increase (4) - (3) / 7 = (5)	Duration (Year) (2) - (3) / (5)
			Planned by SLTD	Existing						
		BATTICALOA S.S.C.								
BTC	1	Batticaloa		2400	1680	639		2627	284	3.7
	2	Valachchanai		400	280	62		436	53.4	4.1

Table 4-9 (6/30) Examination of the Existing Primary Cable Pairs

S.S.C CODE	NO	NAME OF EXCHANGE	No. of Primary Cable Pairs (1)		Effective No. of Pairs (1) x 0.7 = (2)	#1 No. of Subs. Lines in 1983 (3)	#2 Occupied Rate (%)	Demand in 1990 (4)	Average Increase (4) - (3) 7 = (5)	Duration (Year) (2) - (3) (5)
			Planned by SLTD	Total						
		BANDARAWELA S.S.C.								
BNR	1	Ampititkanda		50	35	20		60	6	2-5
	2	Bandarawela Diyatalawa Ella Malwatta		1000	700	458		1450	142	1-7
	3	Haputale Haldummulla		200	140	97		327	33	1-3
	4	Koslanda		100	70	25		88	9	5-0
	5	Wellimada Gurutalawa				107		401		

Table 4-9 (7/30) Examination of the Existing Primary Cable Pairs

S.S.C CODE	NO	NAME OF EXCHANGE	No. of Primary Cable Pairs			Effective No. of Pairs (1) X 0.7 = (2)	#1 No. of Subs. Lines in 1983 (3)	#2 Occupied Rate (%)	Demand in 1990 (4)	Average Increase (4)-(3) /7-(5)	Duration (Year) (2)-(3)/ (5)
			Planned by SLTD	Existing	Total						
		COLOMBO S.S.C.									
CNT	1	Angoda		300	300	210	126	682	79	1.1	
	2	Boralesgamuwa	<1500>	300	1800	1260	90	712	89	13.2	
	3	Colombo central	<29400>	35200	64600	45220	15202	50548	5049	5.9	
	4	Co-Ilavelock Town	<7200>	13600	20800	14560	9012	32830	3403	1.6	
	5	Co-Maradana	<7200>	14600	21800	15260	6548	27818	3039	2.9	
	6	Hokandara	800	100	900	630	53	580	75	7.7	
	7	Homagama		200	200	140	115	765	93	0.3	
	8	Ja-Ela		400	400	280	393	1353	137	0.0	
	9	Kadawata	2000	200	2200	1540	146	1582	205	6.8	
	10	Kaduvela	600	100	700	490	65	1013	135	3.1	
	11	Kelaniya	2200	600	2800	1960	693	4660	567	2.2	
	12	Kotte	8000	8000	16000	11200	2361	16218	1980	4.5	
	13	Maharagama	4000	600	4600	3220	355	2625	324	8.8	
	14	Malwana (Biyagama)	600		600	420	67	625	80	4.4	
	15	Moratuwa		1000	1000	700	872	4347	496	0.0	
	16	Mount Lavinia	<10000>	6900	16900	11830	4950	18297	1907	3.6	
	17	Nugegoda	<9000>	2400	11400	7980	2272	11802	1361	4.2	
	18	Padukka	1000	75	1075	752.5	42	299	37	19.2	
	19	Piliyandala		200	200	140	155	973	117	0.0	
	20	Ragama	800	400	1200	840	159	979	117	5.8	
	21	Wattala		700	700	490	448	3068	374	0.1	
	22	Wellampitiya	1200	400	1600	1120	219	2795	368	2.4	
	23	Kollupitiya					1500	6472	710	0.0	
	24	Mattakkuliya	<3600>	1800	5400	3780	625	2871	321	9.8	

Table 4-9 (13/30) Examination of the Existing Primary Cable Pairs

S.S.C CODE	NO	NAME OF EXCHANGE	No. of Primary Cable Pairs (1)			Effective No. of Pairs (1) x 0.7 = (2)	#1 No. of Subs. Lines in 1983 (3)	#2 Occupied Rate (%)	Demand in 1990 (4)	Average Increase (4)-(3) / 7=(5)	Duration (Year) (2)-(3) / (5)
			Planned by SLTD	Existing	Total						
		JAFFNA S.S.C.									
JFN	1	Chavakachcheri	1400	(100)	1400	90		433	49	18.2	
	2	Jaffna Aichchuvvely Chunnakam Kopay Manipay		3300	3300	2102		10657	1222	0.2	
	3	Karaveddy Point-pedru, Valvetiturai	1900	(50)	1900	189		1098	130	8.8	
	4	Kayts Karainagar Velanai	1000	(50)	1000	89		499	59	10.4	
	5	Kilinochchi	500	(150)	500	124		651	75	3.0	
	6	Pallai	200	(50)	200	31		101	10	10.9	
	7	Pooneryn Punakari	100	(9)	100	9		33	3	20.3	
	8	Punkuddutivu Deift Nainativu	350	(25)	350	17		88	10	22.8	
	9	Sitankerni Pancateruppu Vaddukkukaj	1200		1200	91		526	62	12.1	
	10	Tellipallai Alaveddi Kandesanturai	1400		1400	59		404	49	18.8	

Table 4-9 (15/30) Examination of the Existing Primary Cable Pairs

S.S.C CODE	NO	NAME OF EXCHANGE	No. of Primary Cable Pairs (1)		Effective No. of Pairs (1) x 0.7 = (2)	#1 No. of Subs. Lines in 1983 (3)	#2 Occupied Rate (%)	Demand in 1990 (4)	Average Increase (4)-(3) / 7=(5)	Duration (Year) (2)-(3) / (5)
			Planned by SLTD	Total						
		KANDY S.S.C.								
KND	1	Digana		200	140	114	341	32	0.8	
	2	Galagedara Hataraliyadda		400	280	61	224	23	9.5	
	3	Galaha		300	210	49	199	21	7.7	
	4	Kaduhammawa Menikdiwela		600	420	185	733	78	3.0	
	5	Kandy Gurudeniya Medamaharuwara Talatuoya		3400	2380	2389	10971	1226	0.0	
	6	Katugastota Akurana Warallagama		1000	700	379	1991	230	1.4	
	7	Madulkele		300	210	30	104	11	16.4	
	8	Peradeniya Dauligala Gellioya Murutalawa		950	665	540	2138	228	0.5	
	9	Wattegama Likaduwa Panwila		600	420	145	516	53	5.2	
	10	Rikillagaskada Hanguranketha		200	140	68	274	29	2.5	
	11	Gampola		800	560	390	1269	126	1.3	
	12	Pussellawa		300	210	52	172	17	9.3	

Table 4-9 (16/30) Examination of the Existing Primary Cable Pairs

S.S.C CODE	NO	NAME OF EXCHANGE	No. of Primary Cable Pairs (1)		Effective No. of Pairs (1) x 0.7 = (2)	#1 No. of Subs. Lines in 1983 (3)	#2 Occupied Rate (%)	Demand in 1990 (4)	Average Increase (4)-(3) / 7=(5)	Duration (Year) (2)-(3) / (5)
			Planned by SLTD	Existing						
		KURUNEGALA S.S.C.								
KRG	1	Giriulila	600	(100)	420	44	177	19	19.8	
	2	Hettipola Kobaigana	400		280	22	66	6	43.0	
	3	Kuliyapitiya	850	(100)	595	161	489	47	9.2	
	4	Kurunegala Ibbamamua Kohilagedara Maspotha Mawathagama Pothuhera Uhmliya Welliawa		1300	910	714	2832	303	0.6	
	5	Narammala Katupotha	500	(100)	350	56	300	35	8.4	
	6	Nikadalupotha	200		140	11	39	4	32.3	
	7	Pannala Gonawila	350	(30)	245	24	112	13	17.0	
	8	Poigabawela Alawa	800	(285)	560	127	510	55	7.9	
	9	Ridigama Dodangaslanda Gokarella Rambadagalla	400		280	47	154	15	15.5	
	10	Variyapola	400	(100)	280	40	199	23	10.4	
	11	Nikaveratiya	200		140	46	213	24	3.9	
	12	Galgamuwa		400	280	29	109	11	22.8	
	13	Maho	400	(100)	280	40	175	19	12.6	

Table 4-9 (17/30) Examination of the Existing Primary Cable Pairs

S.S-C CODE	NO	NAME OF EXCHANGE	No. of Primary Cable Pairs (1)		Effective No. of Pairs (1) x 0.7 = (2)	#1 No. of Subs. Lines in 1988 (3)	% Occupied Rate (%)	Demand in 1980 (4)	Average Increase (4) - (3) / (5) - (3) = (5)	Duration (Year) (2) - (3) / (5)
			Planned by SLTD	Existing						
KLT	1	KALUTARA S.S.C.								
		Bentota		600	420	417		1609	170	0.0
	2	Kalutara		1100	770	601		2208	230	0.7
	3	Matusama Asalawatta Lalipandura Velipanna	1800	200	1400	177		576	57	21.5
	4	Migahatenna	300		210	9		69	9	22.3
	5	Neboda Tebuwana	300	(50)	210	32		97	9	19.8
	6	Bulathsinghala Managama	300		210	22		85	9	20.9

Table 4-9 (18/30) Examination of the Existing Primary Cable Pairs

S.S.C CODE	NO	NAME OF EXCHANGE	No. of Primary Cable Pairs			Effective No. of Pairs (1) x 0.7 = (2)	#1 No. of Subs. Lines in 1983 (3)	#2 Occupied Rate (%)	Demand in 1990 (4)	Average Increase (4)-(3) /1=(5)	Duration (Year) (2)-(3) /5
			Planned by SLTD (1)	Existing	Total						
		KEGALLE S.S.C.									
KGL	1	Aranayake	300	(25)	300	22		82	9	20.9	
	2	Kegalle	1400	610	2010	319		1046	104	10.5	
	3	Kotiyakumbura	200	(25)	200	21		58	5	23.8	
	4	Mawanella	800	200	1000	88		368	40	15.3	
	5	Nelundeniya				10		28	3		
	6	Undugoda	200	(27)	200	15		41	4	31.3	
	7	Warakapola	800	100	900	50		325	39	14.9	
	8	Rambukkana	600	100	700	62		175	16	26.8	

Table 4-9 (19/30) Examination of the Existing Primary Cable Pairs

S.S.C CODE	NO	NAME OF EXCHANGE	No. of Primary Cable Pairs (1)		Effective No. of Pairs (1) x 0.7 = (2)	#1 No. of Subs. Lines in 1988 (3)	#2 Occupied Rate (%)	Demand in 1990 (4)	Average Increase (4)-(3) / (7)-(5)	Duration (Year) (2)-(3) / (5)
			Planned by SLTD	Existing						
		MANNAR S.S.C.								
MNR	1	Adampan		25	17.5	11		39	4	1.6
	2	Mannar Errukkalampiddi		200	140	142		583	63	0.0
	3	Pesalai		25	17.5	12		41	4	1.4
	4	Talaimannar		25	17.5	21		74	8	0.0
	5	Uyilankulam Nantan		14	9.8	14		61	7	0.0
	6	Vidalativu				2		17	2	
	7	Chillavathura				10		28	3	
	8	Murunkan Madu Road Madu Church				24		125	14	

Table 4-9 (20/30) Examination of the Existing Primary Cable Pairs

S.S.C CODE	NO	NAME OF EXCHANGE	No. of Primary Cable Pairs (1)		Effective No. of Pairs (1) x 0.7 = (2)	#1 No. of Subs. Lines in 1983 (3)	#2 Occupied Rate (%)	Demand in 1980 (4)	Average Increase (4)-(3) /7=(5)	Duration (Year) (2)-(3)/ (5)
			Planned by SLTD	Existing						
		MATALE S.S.C.								
MTL	1	Dambulla Hobarana		300	210	76		259	26	5.2
	2	Elahara Bakamuna				4		48	6	
	3	Matavela Nadipoja Madavala Ulpotha	300	(27)	210	19		100	12	15.9
	4	Matale Aukumbura Alavatugoda		1000		567		2105	220	
	5	Naula Galevela Kimbissa Nalanda	300	(25)	210	70		341	39	3.6
	6	Rattota Gammaduwa Laggala Masua Eliya	400	(27)	280	35		162	18	13.6
	7	Weligomuwa	200		140					

Table 4-9 (21/30) Examination of the Existing Primary Cable Pairs

S.S.C CODE	NO	NAME OF EXCHANGE	No. of Primary Cable Pairs (1)		Effective No. of Pairs $\frac{(1) \times 0.7}{(2)}$	#1 No. of Subs. Lines in 1983 (3)	#2 Occupied Rate (%)	Demand in 1990 (4)	Average Increase $\frac{(4)-(3)}{7-(5)}$	Duration (Year) $\frac{(2)-(3)}{5}$
			Planned by SLTD	Existing						
			Total							
		MATARA S.S.C.								
MTR	1	Akuressa		100	70	55		180	18	0.8
	2	Deniyaya		100	70	54		205	22	0.7
	3	Dikwella		50	35	38		139	14	
	4	Hakmana		50	35	32		127	14	0.2
	5	Kamburupitiya		100	70	55		203	21	0.7
	6	Kottegoda		25	17.5	8		36	4	2.4
	7	Matara		2250	1575	768		2777	287	2.8
	8	Moravaka		20	14	17		74	8	
	9	Telijjawila		25	17.5	13		60	7	0.6
	10	Urubokka		10	7	16		56	6	
	11	Willigama		200	140	95		463	53	0.8

Table 4-9 (22/30) Examination of the Existing Primary Cable Pairs

S.S.C CODE NO	NAME OF EXCHANGE	No. of Primary Cable Pairs (1)		Effective No. of Pairs (1)x0.7 = (2)	#1 No. of Subs. Lines in 1983 (3)	#2 Occupied Rate (%)	Demand in 1990 (4)	Average Increase (4)-(3) / (7)-(5)	Duration (Year) (2)-(3) / (5)
		Planned by SLTD	Total						
	NAWALAPITIYA S.S.C								
NWL 1	Craig Head		10	7	7		20	2	
2	Dolosbage		27	18.9	19		49	4	
3	Kotmale		25	17.5	18		82	9	
4	Navalapitiya		650	455	191		754	80	3.3

Table 4-9 (23/30) Examination of the Existing Primary Cable Pairs

S.S.C CODE	NO	NAME OF EXCHANGE	No. of Primary Cable Pairs (1)		Effective No. of Pairs (1) x 0.7 = (2)	#1 No. of Subs. Lines in 1983 (3)	#2 Occupied Rate (%)	Demand in 1990 (4)	Average increase (4) - (3) / (7) = (5)	Duration (Year) (2) - (3) / (5)
			Planned by SLTD	Existing						
		NECOMBO S.S.C.								
NGM	1	Badalagama	300		210	15	109	13	15.0	
	2	Dunagaha	600	100	490	83	452	53	7.7	
	3	Katunayake				517	2404	270		
	4	Lunwila	600	100	480	99	624	75	5.2	
	5	Negombo	2000	1400	2380	1163	6528	766	1.6	
	6	Sandalankawa	400	(50)	280	14	58	6	44.3	
	7	Kochchikade Bankotuwa	600	100	490	47	218	24	18.5	

Table 4-9 (24/30) Examination of the Existing Primary Cable Pairs

S.S.C CODE	NO	NAME OF EXCHANGE	No. of Primary Cable Pairs (1)		Effective No. of Pairs (1) x 0.7 = (2)	#1 No. of Subs. Lines in 1983 (3)	#2 Occupied Rate (%)	Demand in 1990 (4)	Average Increase (4)-(3) / 7=(5)	Duration (Year) (2)-(3) / (5)
			Planned by SLTD	Existing						
		NUWARA-ELIYA S.S.C								
NWR	1	Halsranoya		75	52.5	50		150	14	0.2
	2	Maturata Padiyapelella		50	35	30		99	10	0.5
	3	Nuwara Eliya		1400	980	628		1989	194	1.8
	4	Ramboda		27	18.9	17		69	7	0.3
	5	Udapussallawa		100	70	30		90	9	4.4
	6	Bagavantalawa	200	100	210	48		188	20	8.1
	7	Maskeliya		200	140	64		221	22	3.5
	8	Talawakele	300	200	350	93		289	28	9.2
	9	Matumulla Nidandahinna				7		20	2	

Table 4-9 (25/30) Examination of the Existing Primary Cable Pairs

S.S.C CODE	NO	NAME OF EXCHANGE	No. of Primary Cable Pairs (1)			Effective No. of Pairs (1) X 0.7 = (2)	#1 No. of Subs. Lines in 1983 (3)	#2 Occupied Rate (%)	Demand in 1990 (4)	Average Increase (4)-(3) 77=(5)	Duration (Year) (2)-(3)/ (5)
			Planned by SLTD	Existing	Total						
		POLONNARUWA S.S.C.									
PLN	1	Hinguraksoda		600	600	96		262	24	13.5	
	2	Polonnaruwa		800	800	204		556	50	7.1	

Table 4-9 (26/30) Examination of the Existing Primary Cable Pairs

S.S.C CODE	NO	NAME OF EXCHANGE	No. of Primary Cable Pairs (1)		Effective No. of Pairs (1) x 0.7 = (2)	#1 No. of Subs. Lines in 1983 (3)	#2 Occupied Rate (%)	Demand in 1990 (4)	Average Increase (4)-(3) / (5)-(3)	Duration (Year) (2)-(3) / (5)
			Planned by SLTD	Total						
PND	1	PANADURA S.S.C. Horana Govinna Ingiriya	1600	300	1330	217	714	71	15.7	
	2	Panadura Bandaragama		1300	910	751	3038	327	0.5	

Table 4-9 (27/30) Examination of the Existing Primary Cable Pairs

S.S.C CODE	NO	NAME OF EXCHANGE	No. of Primary Cable Pairs (1)			Effective No. of Pairs (1) X 0.7 = (2)	#1 No. of Subs. Lines in 1983 (3)	#2 Occupied Rate (%)	Demand in 1990 (4)	Average Increase (4) - (3) / 7 = (5)	Duration (Year) (2) - (3) / (5)
			Planned by SLTD	Existing	Total						
		PUTTALAM S.S.C.									
PTL	1	Anamaduwa				18		88	10		
	2	Puttalam		200	200	140		673	77	0.1	
	3	Kalpitiya		35	35	25		82	10	1.3	
	4	Madurankuli		25	25	17.5		44	6	2.4	
	5	Mampuri				4		14	1		

Table 4-9 (28/30) Examination of the Existing Primary Cable Pairs

S.S.C CODE	NO	NAME OF EXCHANGE	No. of Primary Cable Pairs (1)		Effective No. of Pairs (1) x 0.7 = (2)	#1 No. of Subs. Lines in 1983 (3)	#2 Occupied Rate (%)	Demand in 1990 (4)	Average Increase (4)-(3) / (7)-(5)	Duration (Year) (2)-(3) / (5)
			Planned by SLTD	Existing						
		RATNAPURA S.S.C.								
RTN	1	Balangoda	600	400	700	117	477	51	11.4	
	2	Bambarabotuwa	100		70	14	39	4	14.0	
	3	Kalavana	300	(25)	210	16	60	6	32.3	
	4	Kiriella	200		140	18	60	6	20.3	
	5	Nivitigala	300	(50)	210	39	202	23	7.4	
	6	Pelmadulla Atakalampanna Kahawatta	1000	(50)	700	81	761	97	6.4	
	7	Rakwana Godakawala Kolonne	400	100	350	65	214	21	13.6	
	8	Ratnapura Kuruvita		775	542.5	342	2263	274	0.7	

Table 4-9 (29/30) Examination of the Existing Primary Cable Pairs

S.S.C CODE	NO	NAME OF EXCHANGE	No. of Primary Cable Pairs			Effective No. of Pairs (1)+(2) = (2)	#1 No. of Subs. Lines in 1988 (3)	#2 Occupied Rate (%)	Demand in 1990 (4)	Average Increase (4)-(3) /7=(5)	Duration (Year) (2)-(3)/ (5)
			Planned by SLTD	Existing	Total						
TRN	1	TRINCOMALLEE S.S.C China-Bay Kinniya	400		400	49		181	19	12.2	
	2	Kantalei	400	(50)	400	39		123	12	20.1	
	3	Kiliveddi				5		17	2		
	4	Kuchchaveli	200		200	7		22	2	66.5	
	5	Morawewa Gomarakadawela				9		28	3		
	6	Mutur	400	(27)	400	19		79	9	29.0	
	7	Nilaveli	400	(25)	400	14		77	9	29.6	
	8	Pulumudaj Padavisipura				5		15	1		
	9	Seruwila Tuppur				7		20	2		
	10	Thampalakamam	300	(8)	300	7		22	2	101.5	
	11	Trincomalee		1200	1200	512		1498	141	2.3	

Table 4-9 (30/30) Examination of the Existing Primary Cable Pairs

S.S.C CODE	NO	NAME OF EXCHANGE	No. of Primary Cable Pairs (1)		Effective No. of Pairs (1) x 0.7 = (2)	#1 No. of Subs. Lines in 1983 (3)	#2 Occupied Rate (%)	Demand in 1990 (4)	Average Increase (4)-(3) / 7=(5)	Duration (Year) (2)-(3) / (5)
			Planned by SLTD	Existing						
VNY	1	VAVUNIYA S.S.C. Mulativu	400	100	500	40		205	24	12.9
	2	Nedunkerni Puthkudiruppu Oddichudan Mulliyavala	150		150	23		134	16	5.2
	3	Padaviya	100		100	9		30	3	20.3
	4	Vavuniya Omantai	1400	275	1675	213		994	112	8.6
	5	Mankulam Tunukal Yogapuram	150		150	29		138	16	4.8

Table 4-10 (1/2) Cable Expansion Plan by each SSC

S.S.C.	PLANNED BY SLTD	EXISTING	PHASE-I					II	III	TOTAL
			1986	1987	1988	1989	1990			
ANURADAPURA	5,600	900						2,400	6,300	15,200
AMPARA		900						1,100	1,600	3,600
AVISSAWELLA	1,100	604	400			1,500	1,200	1,200	4,500	9,304
BADULLA	900	175	600			1,700	3,300	5,300	11,975	
BATTICALOA		2,800			2,400		2,900	5,900	14,000	
BANDARAWELA		1,350	500			1,200	2,500	5,200	10,750	
COLOMBO	89,100	87,775	13,900	19,400	26,800	7,600	17,500	250,400	398,500	910,975
CHILAW	1,400	525		1,500			700	1,900	6,025	
GALE	2,500	3,050				7,600	8,300	18,300	39,750	
GAMPAHA		1,835	3,700				3,900	7,500	16,935	
HAMBANTOTA	5,640	1,520					100	3,300	10,560	
HATTON		979	2,300				2,300	4,500	10,079	
JAFFNA	8,050	3,300	9,700			400	15,000	30,400	66,850	
KALMUNAI		1,550				2,400	1,000	5,300	10,250	
KANDY		9,050	200	200	16,900	1,000	18,500	56,800	103,050	
KURUNEGALA	5,100	1,700					2,700	10,800	25,300	

Table 4-10 (2/2) Cable Expansion Plan by each SSC

S.S.C.	PLANNED BY SLTD	EXISTING	PHASE-I						II	III	TOTAL
			1986	1987	1988	1989	1990	1995			
KULUTARA	2,700	1,900				3,900		4,200	9,100	21,800	
KEGALLE	4,300	1,010						800	3,600	9,710	
MANNAR		289	1,100			1,100	2,800		1,500	6,789	
MATALE	1,200	1,300	100				2,100	3,500	6,100	14,300	
MATARA		2,390	4,100					5,100	8,100	20,230	
NAWALAPITIYA		712		1,300				900	1,600	4,512	
NEGAMBO	4,500	1,600				8,400		12,000	20,000	46,500	
NUWARA-ELIYA	500	2,152	700				100	2,900	8,000	14,352	
POLONNARUWA		1,400						800	1,700	3,900	
PANADURA	1,600	1,600		2,800				3,500	7,800	17,300	
PUTTALAM		260	200				2,700		1,500	4,660	
RATNAPURA	2,900	1,275			2,200			4,100	8,600	19,075	
TRINCOMALEE	2,100	1,200					800	1,900	3,700	9,700	
VAVUNIYA	2,200	375		1,400				1,400	2,300	7,675	
TOTAL	141,390	136,016	37,500	26,600	48,300	36,800	29,100	395,500	649,700	1,464,906	

Table 4-11 (1/15) Cable Expansion Plan by each Exchange

No. 1

S.S.C CODE	NAME OF EXCHANGE	DEMAND DISTRIBUTION					PRIMARY CABLE		PHASE I			PHASE II	PHASE III	
		1985	1990	1995	2000	SLTD	EXISTING	1986	1987	1988	1989	1990	1995	2000
AMR	ANURADAPURA S.S.C.													
1	ANURADAPURA	1092	2112	3093	7410	2200	900					2200	4400	
2	EPPAWALA	96	184	347	641	300						200	400	
3	GALENBINDUNUWEWA	23	44	83	153	200								
4	HOROMPATANA	27	52	98	182	300								
5	KAGATAGASDIGLLIYA	59	112	212	394	400								
6	KEBITTIGOLLEWA	33	63	119	220	200								
7	KEKIRAWA	179	344	651	1205	800	(75)						900	
8	MEDAWACHCHIYA	81	156	294	546	400							400	
9	NOCIHCHIYAGAMA	33	63	119	220	200							200	
10	TAMBUITEGAMA	24	47	88	163	600								
	Total					5600	900 (75)					2400	6300	
AMR	AMPARA S.S.C.													
1	AMPARA	394	763	1442	2677		900					1100	1600	
	Total	394	763	1442	2677		900					1100	1600	

Table 4-11 (2/15) Cable Expansion Plan by each Exchange

No. 2

S.S.C CODE	NAME OF EXCHANGE	DEMAND DISTRIBUTION					PRIMARY CABLE		PHASE I					PHASE II	PHASE III	
		1985	1990	1995	2000	SLTD	EXISTING	1986	1987	1988	1989	1990	1995	2000		
AVS	AVISSAWELLA S.S.C															
1	AVISSAWELLA	362	699	1320	2448		550				1200				1600	
2	BULATKORUPITIYA	24	47	88	163	100	(27)								200	
3	DERANIYAGOLA	47	90	170	316	300	(50)									
4	EHALIYAGODA	213	410	774	1435		54	400					600		900	
5	KITHULGALA	20	39	73	134	100	(18)									
6	KOSGAMA	242	468	882	1636	600							400		1200	
7	RUWANWELLA	161	312	589	1091						300				600	
	Total	1069	2065	3896	7223	1100	604 (95)	400			1500				1200	4500
BDL	BADULLA S.S.C.															
1	BADULLA	885	1709	3232	5996						1300					3200
2	BIBILE	60	115	217	403	400	(15)									
3	KANDAKETIYA	5	9	16	29	200										
4	MADULSIMA	22	41	78	144	300										
5	MONARAGALA	205	396	747	1387		25	400						1000		600
6	NAMUNUKULA	36	69	129	239		50				200					
7	PADIYATALAWA	21	39	73	135						200					
8	PASSARA	143	276	522	968		100	200					400		300	
9	WELLAWAYA	38	74	140	259										200	
10	MAHIYANGANA	120	232	438	813									300		900
	Total					900	175 (15)	600			1700			3300		5200

Table 4-11 (3/15) Cable Expansion Plan by each Exchange

No. 3

S.S.C. CODE	S.S.C. NO	NAME OF EXCHANGE	DEMAND DISTRIBUTION				PRIMARY CABLE			PHASE I			PHASE II		PHASE III		
			1985	1990	1995	2000	SLTD	EXISTING	1986	1987	1988	1989	1990	1995	2000		
BTC		BATTICALOA S.S.C															
	1	BATTICALOA	1357	2627	4970	9224		2400					1200			2900	5500
	2	VALACHANAI	225	436	824	1530		400					1200				400
		Total						2800					2400			2900	5900
BNR		BANDARAWELA S.S.C															
	1	AMPITIKANDA	31	60	114	211		50		200							100
	2	BANDARAWELA	750	1450	2742	5088		1000					1000			1700	3200
	3	HAPUTALE	169	327	619	1148		200		300						200	800
	4	KUSLANDA	45	88	165	306		100								200	200
	5	WELIMADA	208	401	758	1406							200			400	900
		Total						1350		500			1200			2500	5200

Table 4-11 (4/15) Cable Expansion Plan by each Exchange

No. 4

S.S.C CODE	NAME OF EXCHANGE	DEMAND DISTRIBUTION					PRIMARY CABLE		PHASE I					PHASE II		PHASE III
		1985	1990	1995	2000	2000	SLTD	EXISTING	1986	1987	1988	1989	1990	1995	2000	
CNT	COLOMBO S.S.C.															
1	ANGODA	353	682	1291	2396			300		700				700		1100
2	BORALESgamuna	368	712	1347	2500											
3	COLOMBO CENTRAL	26111	50548	95645	177493	(29400)		35200						70600		106600
4	HAVELOCK TOWN	16959	32830	62120	115280	(7200)		13600		2100				39000		68900
5	NARADANA	14370	27818	52637	97681	(7200)		14600				14600		32500		53500
6	HOKANDARA	299	580	1097	2035	800		100						600		1300
7	HOMAGAMA	395	765	1448	2688			200	1100					700		1600
8	JA-ELA	699	1353	2560	4750			400	1300					1700		2900
9	KADAWATA	817	1582	2984	5556	2000		200						5100		
10	KADUWELA	523	1013	1916	3556	600		100		600				2100		1300
11	KELANIYA	2407	4660	8817	16362	2200		600		3400				5400		10000
12	KOTTE	8378	16218	30688	56949	8000		8000	10700					18800		34200
13	MAIARAGAMA	1356	2625	4996	9216	4000		600						1900		5600
14	MALWANA	323	625	1183	2195	600							1000			1300
15	MORATUWA	2246	4347	8226	15265			1000	4800							5200
16	MOUNT LAVINIA	9452	18297	34621	64248	(10000)		6900				7600		36400		49300
	(BOLALESgamuna)	368	712	1347	2500	(1500)										
17	MUGGODA	6096	11802	22331	41441	(9000)		2400				4100		14300		24700
18	PADURKA	154	299	565	1049	1000		75								
19	PILIVANDALA	503	973	1841	3417			200	1100					1500		1800
20	RAGAMA	506	979	1852	3488	800		400						1300		2100
21	WATTALA	1585	3068	5804	10772			700	3400					5900		6500
22	WELLAMPITIYA	1444	2795	5288	9813	1200		400	2200					3200		5900
23	KOLLUPITIYA	3343	6472	12245	22720							4600		7800		13700
24	MATTAKKULIYA	1484	2871	5430	10082	(3600)		1800						2800		5000
	Total					21200 (67900)		87775	3900	19400	6800	7600	17500	250400		398500

Table 4-11 (5/15) Cable Expansion Plan by each Exchange

No. 5

S.S.C. CODE	NAME OF EXCHANGE	DEMAND DISTRIBUTION					PRIMARY CABLE		PHASE I					PHASE II		PHASE III	
		1985	1990	1995	2000	SLTD	EXISTING	1986	1987	1988	1989	1990	1995	2000			
	CHILAW S.S.C.																
1	BINGIRIYA	33	63	119	220							200					100
2	CHILAW	283	548	1036	1922	1400	325										
3	MADAMPE	126	243	459	851		150					200				300	500
4	MARAWILA	230	444	840	1558							700				400	1000
5	MUNDEL	37	69	130	241		25					200					100
6	RAJAKADALUWA	38	74	140	259		25					200					200
	Total					1400	525					1500				700	1900
GLE	GALLE S.S.C.																
1	AMBALANGODA	552	1068	2019	3747		850							600		2100	1400
2	BADDEGAMA	113	218	412	765	400	(50)										300
3	ELPITIYA	126	242	459	852	600	(100)										
4	GALLE	2694	5215	9864	18305		2200							7000		6000	15900
5	HABARADUWA	118	226	429	795	400	(25)									200	500
6	IMADUWA	36	69	129	239	400	(25)										
7	KOSGODA	59	112	212	393	400	(25)										
8	NAGODA	17	33	62	115												200
9	UDUGAMA	33	63	119	220	300	(50)										
	Total					2500	3050 (275)							7600		8300	18300

Table 4-11 (6/15) Cable Expansion Plan by each Exchange

No. 6

S.S.C CODE	NAME OF EXCHANGE	DEMAND DISTRIBUTION				PRIMARY CABLE		PHASE I				PHASE II	PHASE III	
		1985	1990	1995	2000	SLTD	EXISTING	1986	1987	1988	1989	1990	1995	2000
GMI	GAMPANA S.S.C													
1	GAMPANA	1198	2318	4386	8136		1250	1900					2600	5000
2	NIRIGAMA	165	319	603	1120		50	500					300	700
3	PALLENELA	17	33	62	115		25	200						
4	PASYALA	56	107	202	374		10	400						100
5	VELIRERIYA	137	265	501	929		200	200					300	400
6	VEYANGODA	311	602	1139	2113		300	500					700	1300
	Total						1835	3700					3900	7500
	HAMBANTOTA S.S.C.													
HMB	AMBALANTOTA	119	230	434	804	800	(50)							600
2	EMBILIPITIYA	119	229	433	803	450	200							500
3	HAMBANTOTA	241	466	881	1635	950	400							800
4	KATARAGAMA	53	101	191	354	500	100							
5	TANAMALWILA	12	22	42	77		150							
6	THIMBOLKETIYA	19	36	67	125	250	(50)							
7	TISSAHARAMA	100	194	366	679	570	100							300
8	ANGUNAKOLAPELESSA	22	41	78	144	350								
9	TANGALLE	200	387	732	1358	870							100	800
10	BELIATTA	55	107	201	373	600								
11	WALASHULLA	44	85	160	297		350							100
12	WEERAKETIYA	37	71	134	249		220							200
13	MIDDENIYA	15	28	52	96	300								
	Total					5640	1520 (100)						100	3300

Table 4-11 (7/15) Cable Expansion Plan by each Exchange

No. 7

S.S.C CODE	NAME OF EXCHANGE	DEMAND DISTRIBUTION				PRIMARY CABLE		PHASE I					PHASE II	PHASE III
		1985	1990	1995	2000	SLTD	EXISTING	1986	1987	1988	1989	1990	1995	2000
HTN	HATTON S.S.C.													
1	ACARAPATANA	76	147	279	517		100	100					200	400
2	HATTON	651	1259	2380	4417		700	1000					1500	2700
3	NORTON-BRIDGE	41	79	150	278		25	200						200
4	PUNDALUOYA	75	145	273	507		50	200					200	300
5	TILLICOUNTRY	67	128	243	450		50	200					100	300
6	UPCOT	34	66	124	230		27	200						100
7	WATAMALA	133	257	485	900		27	400					300	500
	Total							979	2300				2300	4500
JFN	JAFFNA S.S.C.													
1	CHIVAKACHIERI	224	433	819	1520	1400	(100)							600
2	JAFFNA	5505	10657	20160	37413		3300	9700					13000	22800
3	KARAVEDDY	568	1098	2077	3854	1900	(50)						800	2300
4	KAYTS	260	499	944	1751	1000	(50)						300	1000
5	KILINOCCHI	337	651	1231	2285	500	(150)				400		700	1400
6	PALLAI	53	101	191	354	200	(50)						100	200
7	POONERYN	17	33	62	115	100	(9)							100
8	PUNKUDIVU	47	88	166	307	350	(25)							100
9	SITANKERNI	273	526	995	1846	1200							100	1200
10	TELLIPALLAI	211	404	764	1416	1400								500
11	AVARANKAL	24	46	88	163									200
	Total					8500	3300 (434)	9700			400		15000	30400

Table 4-11 (8/15) Cable Expansion Plan by each Exchange

No.

S.S.C CODE	KLM	NAME OF EXCHANGE	DEMAND DISTRIBUTION				PRIMARY CABLE			PHASE I				PHASE II	PHASE III			
			1985	1990	1995	2000	SLTD	EXISTING	1986	1987	1988	1989	1990	1995	2000			
		KALMUNAI S.S.C.																
1		AKKARAPATTU	286	553	1046	1941			600			600				2000		
2		KALMUNAI	767	1484	2807	5210			950			1800			1000	3300		
		Total							1550			2400			1000	5300		
		KANDY S.S.C.																
1		DIGANA	177	341	645	1196			200						500	700		
2		GALAGEDARA	116	224	423	785			400						200	500		
3		GALAHIA	103	199	376	698			300						200	500		
4		KADUJANNAWA	380	733	1387	2572			600						800	1600		
5		KANDY	5669	10971	20757	38521			3400			10900			11700	35190		
6		KATUGASTOTA	1030	1991	3766	6988			1000			4000				9100		
7		MADULKELE	54	104	196	364			300							200		
8		PERADENIYA	1106	2133	4044	7505			950			2000			2500	4500		
9		WATTEGAMA	268	516	974	1808			600					100	600	1100		
10		RIKILLAGASKADA	142	274	516	957			200						300	600		
11		GAMPOLA	656	1269	2400	4455			800					900	1500	2600		
12		PUSSELLANA	89	172	325	603			300						200	300		
		Total							9050			200	200	16900	1000	400	18500	56800

Table 4-11 (9/15) Cable Expansion Plan by each Exchange

No. 9

S.S.C. CODE	NAME OF EXCHANGE	DEMAND DISTRIBUTION				PRIMARY CABLE		PHASE I				PHASE II	PHASE III	
		1985	1990	1995	2000	SLTD	EXISTING	1986	1987	1988	1989	1990	1995	2000
KRG	KURUNEGALA S.S.C.													
1	GIRIULLA	92	177	335	622	600	(100)							100
2	HETTIPOLA	35	66	125	230	400							400	1400
3	KULIYAPITIYA	252	4489	923	1711	850	(100)					2600	3200	5900
4	KURUNEGALA	1484	2832	5354	9835	500	(100)						300	600
5	NARAMMALA	156	300	567	1053	200								
6	NIKADALUPOTHA	20	39	73	134	200								
7	PANNALA	59	112	212	393	350	(30)							200
8	POLGAHAWELA	264	510	984	1788	800	(285)						500	1100
9	RIDIGAMA	80	154	291	537	400							100	300
10	WARIYAPOLA	103	199	376	698	400	(100)						100	400
11	NIKAWRATIYA	110	213	402	746	200					100		300	400
12	GALGAMUWA	57	109	206	383		400							100
13	MAHO	90	175	330	612	400	(100)						100	300
	Total					5100	1700 (815)				2700		5000	10800
KLT	KALUTARA S.S.C.													
1	BENTOTA	831	1809	3044	5649		600				2000		1500	3400
2	KALTARA	1141	2208	4177	7752		1100				1900		2500	4700
3	MATUGAMA	299	576	1089	2019	1800	200							700
4	MIGAHATTENNA	36	69	129	239	300								
5	NEBODA	50	97	182	335	300	(50)							300
6	BULATHSIGIYALA	44	85	160	297	300							200	
	Total					2700	1800 (50)				3900		4200	9100

Table 4-11 (10/15) Cable Expansion Plan by each Exchange

No. 10

S.S.C CODE	NAME OF EXCHANGE	DEMAND DISTRIBUTION				PRIMARY CABLE		PHASE I				PHASE II		PHASE III		
		1985	1990	1995	2000	SLTD	EXISTING	1986	1987	1988	1989	1990	1995	2000		
KGL	KEGALLE S.S.C.															
1	ARANAYAKE	43	82	155	287	300	(25)						100			
2	KEGALLE	541	1046	1979	3671	1400	610						600		2200	
3	KOTIYAKUMBURA	31	58	109	201	200	(25)						100			
4	MAVANELLA	191	368	696	1291	800	200								700	
5	NELUNDENIYA	15	28	52	96											
6	UNDUGODA	22	41	78	144	200	(27)									
7	WARAKAPOLA	168	325	614	1139	800	100								600	
8	ROMBUKKANA	90	175	330	612	600	100								100	
	Total					4300	1010 (77)								800	3600
MNR	MANNAR S.S.C.															
1	ADAMPAN	20	39	73	134		25					400				
2	MANNAR	302	583	1103	2046		200	1100					1600			1200
3	PESALAI	22	41	78	144		25						200			
4	TALAIMANNAR	38	74	140	259		25				700					
5	UYILANKULAM	32	61	115	211		14						300			
6	VIDALATIVU	9	17	31	58								200			
7	CHILLAVATHIURA	15	28	52	96								200			
8	MURUNKAN	65	125	233	431								300			300
	Total						289	1100			1100	2800				1500

Table 4-11 (11/15) Cable Expansion Plan by each Exchange

No. 11

S.S.C CODE	NAME OF EXCHANGE	DEMAND DISTRIBUTION				PRIMARY CABLE		PHASE I				PHASE II	PHASE III	
		1985	1990	1995	2000	SLTD	EXISTING	1986	1987	1988	1989	1990	1995	2000
MTL	MATALE S.S.C.													
1	DAMBULLA	134	259	490	909		300						300	500
2	ELAHARA	25	48	89	163								200	
3	MAHAWELA	51	100	188	346	300	(27)							200
4	MATALE	1088	2105	3982	7391		1000				1900		2500	4400
5	NAULA	177	341	645	1197	300	(25)				200		400	700
6	RATTOTA	84	162	308	566	400	(27)						100	300
7	WILGOMUNA					200								
	Total					1200	1300 (79)	100			2100		3500	6100
MTR	MATARA S.S.C.													
1	KURESSA	93	180	340	631		100	200					300	300
2	DENIYAYA	106	205	387	718		100	400						400
3	DEKVELLA	72	139	263	488		50	200					200	300
4	HIKMANA	67	127	238	441		50	200					400	
5	KAMBURUPITIYA	105	203	382	708		100	100					300	400
6	KOTTEGODA	19	36	67	125		25	200						
7	MATARA	1432	2771	5243	9731		2250	1400					3300	5800
8	MORAWAKA	38	74	140	259		20	400						
9	TELIJJAVILA	31	60	114	211		25	300						
10	URUBOKKA	30	56	105	192		10	300						
11	WILIGAMA	240	463	876	1625		200	400					600	900
	Total						2930	4100					5100	8100

Table 4-11 (12/15) Cable Expansion Plan by each Exchange

No. 12

S.S.C CODE	NAME OF EXCHANGE	DEMAND DISTRIBUTION				PRIMARY CABLE		PHASE I				PHASE II	PHASE III	
		1985	1990	1995	2000	SLTD	EXISTING	1986	1987	1988	1989	1990	1995	2000
INL	NAWALAPITIYA SSC													
	1 CRAIG HEAD	10	20	37	67		10		200					
	2 DOLOSBAE	26	49	93	173		27		300					
	3 KOTMALE	43	82	155	287		25		400					
4 NAWALAPITIYA	390	754	1427	2648		650		400				900	1600	
	Total						712		1300				900	1600
NGM	NEGOMBO S.S.C.													
	1 BADALGAMA	57	109	206	300						200			
	2 DUNAGAHIA	234	452	855	600						400			
	3 KATUNAYAKE	1242	2404	4548	8440					3300	2700	5100		
	4 LUNUWILA	322	624	1180	600	100					900	1300		
	5 NEGOMBO	3372	6528	12350	22921	1400				5100	7800	13600		
	6 SANDALANKAWA	30	58	109	400	(50)								
7 KOCHICHOKADE	113	218	412	600	100									
	Total				4500	1600 (50)			8400	12000	20000			

Table 4-11 (13/15) Cable Expansion Plan by each Exchange

No. 13

S.S.C CODE	NAME OF EXCHANGE	DEMAND DISTRIBUTION				PRIMARY CABLE		PHASE I				PHASE II	PHASE III	
		1985	1990	1995	2000	SLTD	EXISTING	1986	1987	1988	1989	1990	1995	2000
NWR	NUWARA-ELIYA S.S.C													
1	HILGRANOYA	78	150	284	526		75	300						
2	MATURATA	52	99	186	345		50	200				300		
3	NUWARA-ELIYA	1028	1089	3761	6979		1400					1300	6500	
4	RAMBODA	36	69	129	239		27	200				100		
5	UDAPUSSALLAWA	47	90	170	316		100					400		
6	BACAVANTALAWA	98	188	356	660		100				100	200	400	
7	MASKELIYA	114	221	418	775		200					300	500	
8	TALAVAKELE	150	289	546	1014		200							
9	WATUMULLA	10	20	37	67							300	600	
	Total						500	2152	700		100	2900	8000	
PLN	POLONNARUWA S.S.C													
1	HINGURAKGODA	135	262	495	918		600					100	600	
2	POLONNARUWA	287	556	1051	1950		800					700	1100	
	Total						1400					800	1700	
PND	PANADURA S.S.C													
1	HORANA	370	714	1350	2505	1600	300						1500	
2	PANADURA	1571	3038	5749	10668		1300				2800	3500	6300	
	Total					1600	1600				2800	3500	7800	

Table 4-11 (14/15) Cable Expansion Plan by each Exchange

No. 14

S.S.C CODE	NAME OF EXCHANGE	DEMAND DISTRIBUTION				PRIMARY CABLE		PHASE I					PHASE II	PHASE III
		1985	1990	1995	2000	SLTD	EXISTING	1986	1987	1988	1989	1990	1995	2000
PTL	PUTTALAM S.S.C													
1	ANAMADUWA	45	88	165	306							400		
2	PUTTALAM	348	673	1273	2361		200	20				1600		1400
3	KALPITIYA	43	82	155	287		35					300		100
4	MADURANKULI	23	44	83	153		25					300		
5	MAMPURI	8	14	26	48							100		
	Total						260	200				2700		1500
RTN	RATNAPURA S.S.C.													
1	BALANGODA	247	177	902	1673	600	400						200	1300
2	BANDARABOTUWA	20	39	73	134	100							100	
3	KALAWANA	31	60	114	211	300	(25)							
4	KIRIELLA	32	60	114	212	200							100	
5	NIVITIGALA	105	202	382	708	300	(50)						200	400
6	PELMADULLA	394	761	1439	2668	1000	(50)						900	1600
7	RAKAWANA	111	214	403	747	400	100							500
8	RATNAPURA	1169	2263	4281	7944		775		2200				2600	4800
	Total					2900	1275 (125)		2200				4100	8600

Table 4-11 (15/15) Cable Expansion Plan by each Exchange No. 15

S.S.C CODE	TRN	NAME OF EXCHANGE	DEMAND DISTRIBUTION					PRIMARY CABLE		PHASE I					PHASE II 1995	PHASE III 2000
			1985	1990	1995	2000	SLTD	EXISTING	1986	1987	1988	1989	1990			
		TRINCOMALEE SSC														
1		CHINA-BAY	94	181	341	632	400									500
2		KANTALEI	64	123	232	431	400								200	
3		KILIVEDDI	9	17	31	58		(50)								
4		KUCHIACHELI	12	22	42	77	200									
5		MORAWENA	16	28	52	96										
6		MUTUR	41	79	150	278	400	(27)								
7		NILAVELI	40	77	145	268	400	(25)								
8		PULMUDAI	8	15	27	49										
9		SERUWILA	11	20	37	68										
10		TIAMPALAKAMAM	12	22	42	77	300	(8)								
11		TRINCOMALEE	774	1498	2633	5257		1200				800		1700		3200
		Total					2100	1200 (110)				800		1900		3700
		VAVUNIYA S.S.C.														
1		MULATIVU	106	205	387	717	400	100				600				
2		MANKULAM	72	138	259	480	150							200		300
3		NEDUNKERNI	70	134	254	471	150				600					
4		PADAVIYA	16	30	57	106	100				200					
5		VAVUNIYA	514	994	1880	3480	1400	275						800		2000
		Total					2200	375			1400			1200		2300

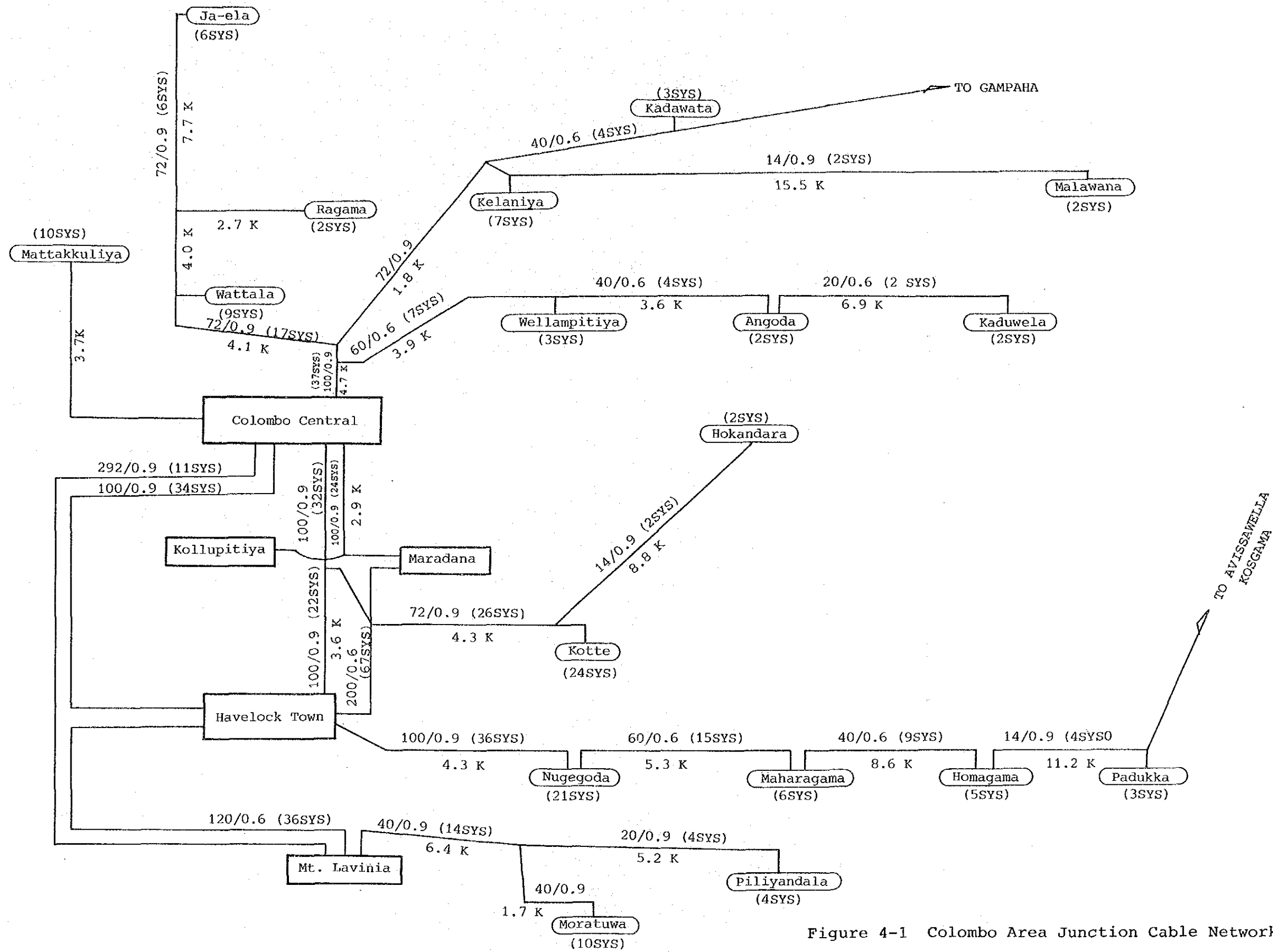


Figure 4-1 Colombo Area Junction Cable Network at Present

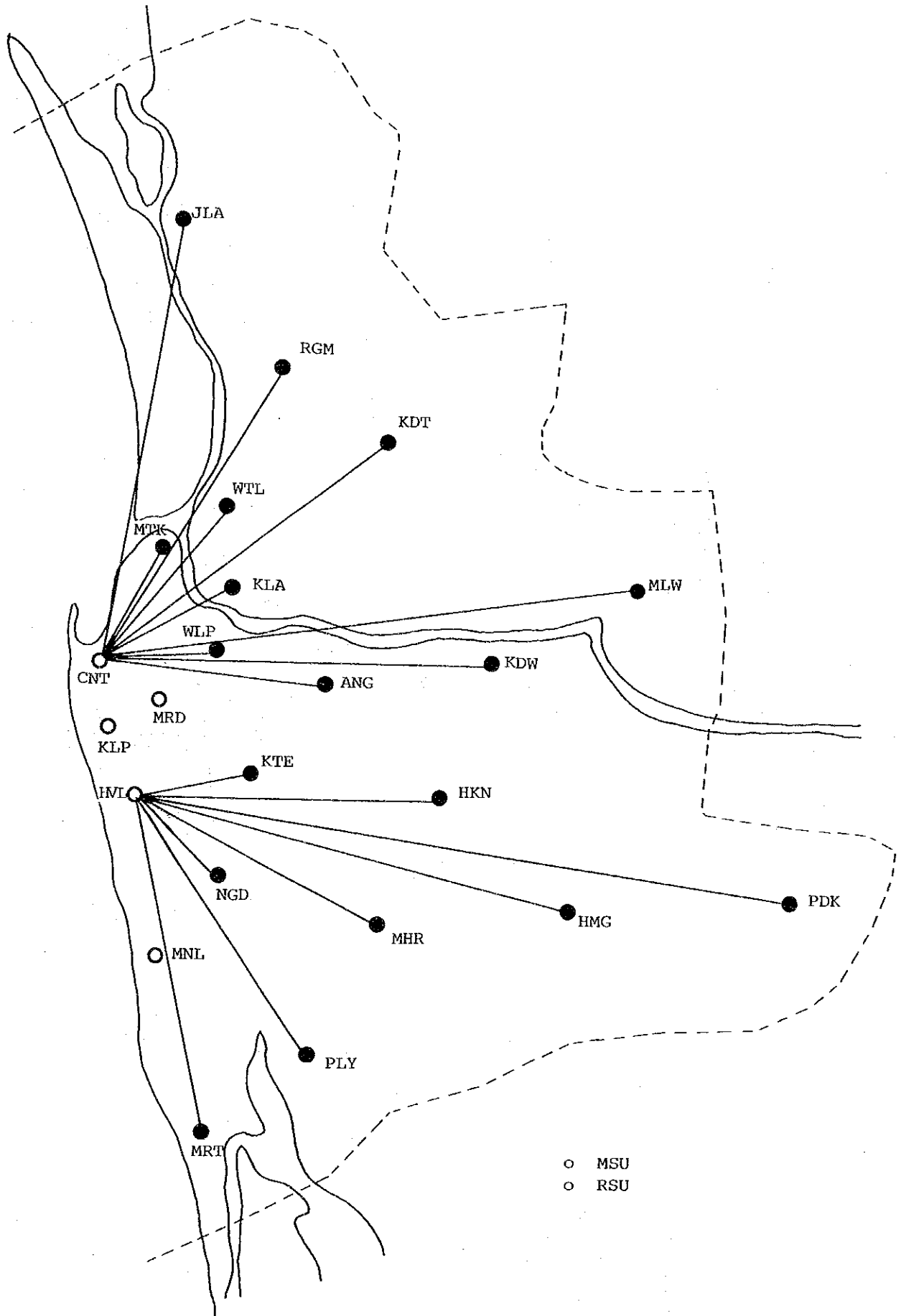


Figure 4-2 (1/4) Remote Exchange Routing Plan

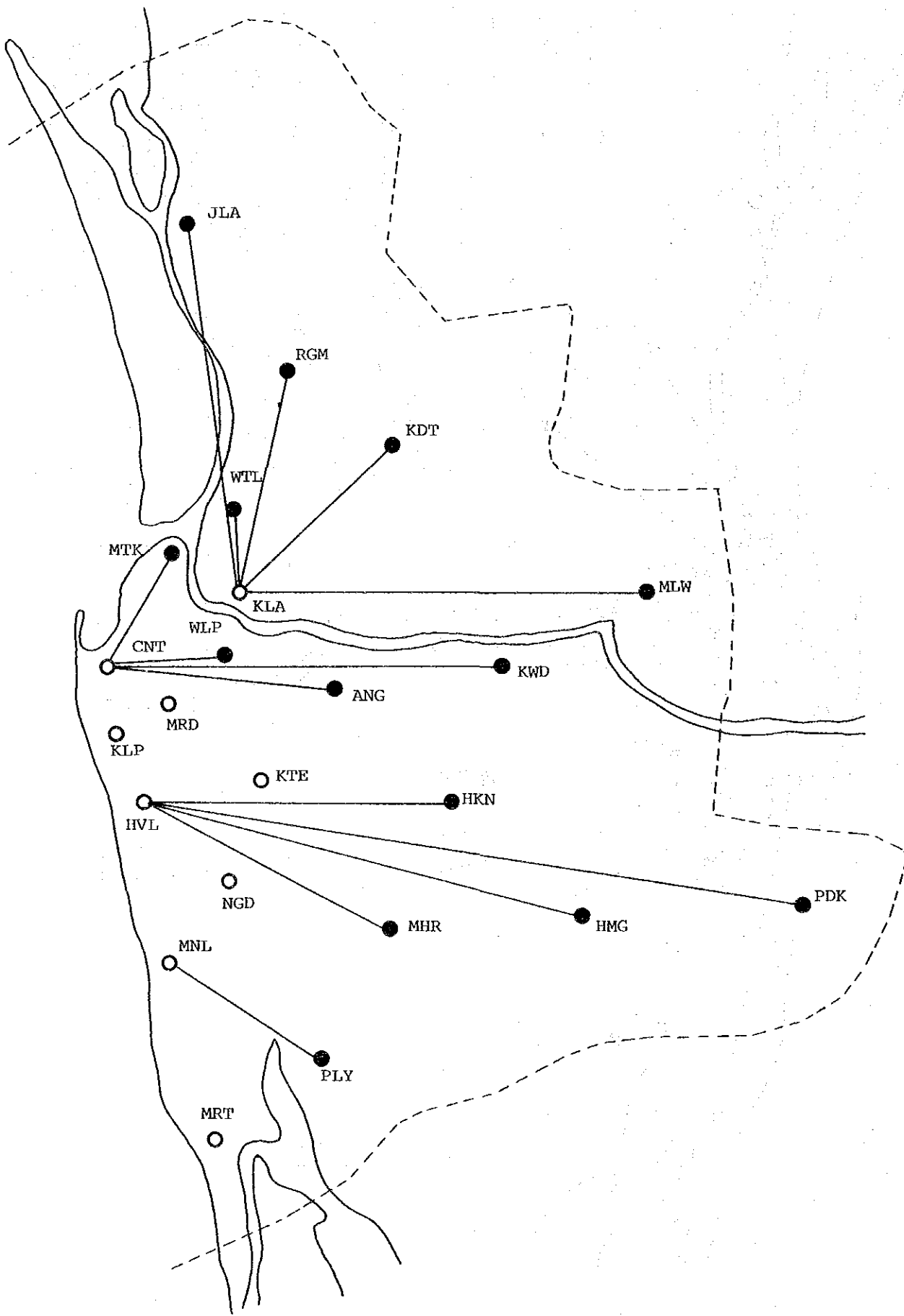


Figure 4-2 (2/4) Remote Exchange Routing Plan

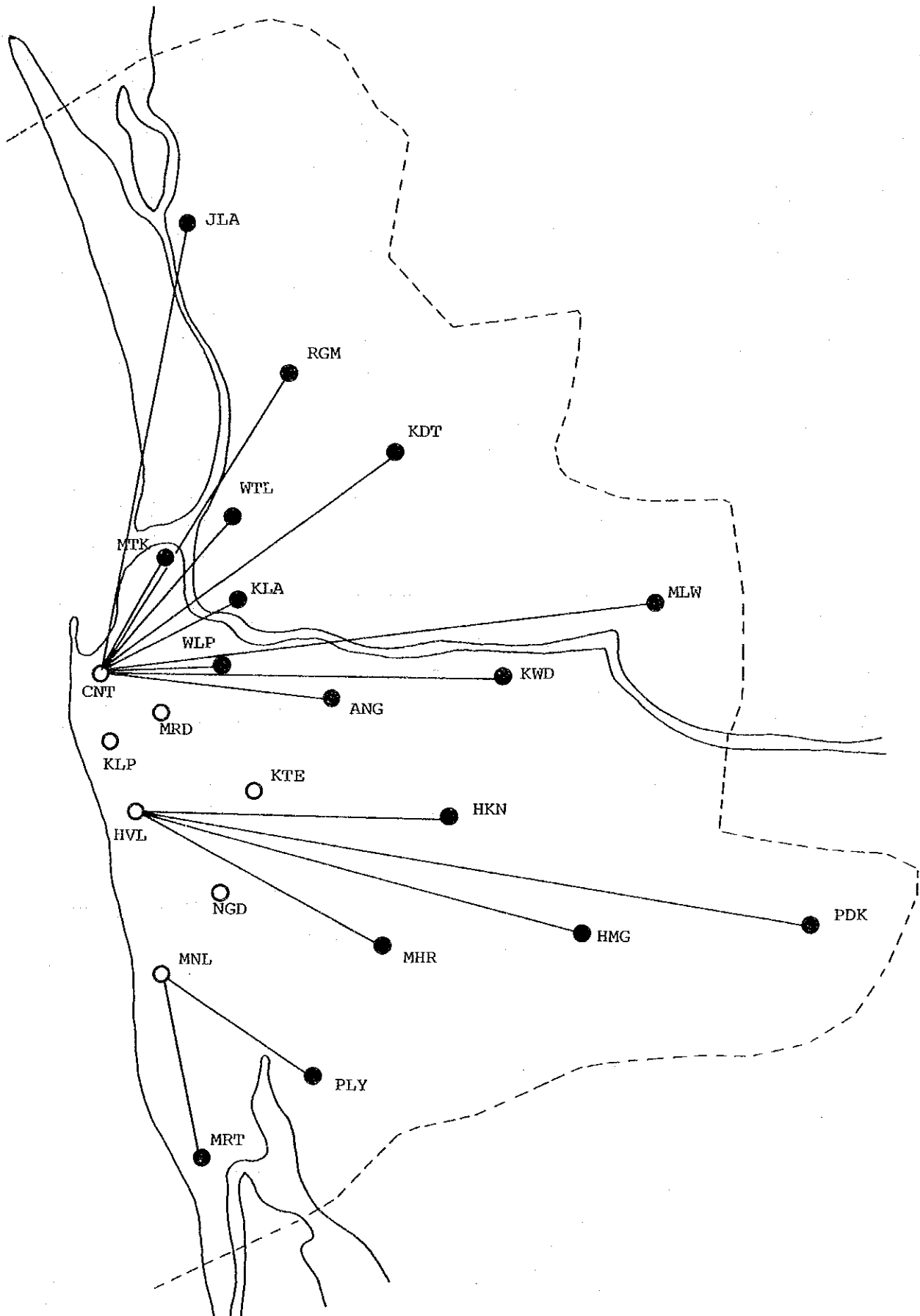


Figure 4-2 (3/4) Remote Exchange Routing Plan

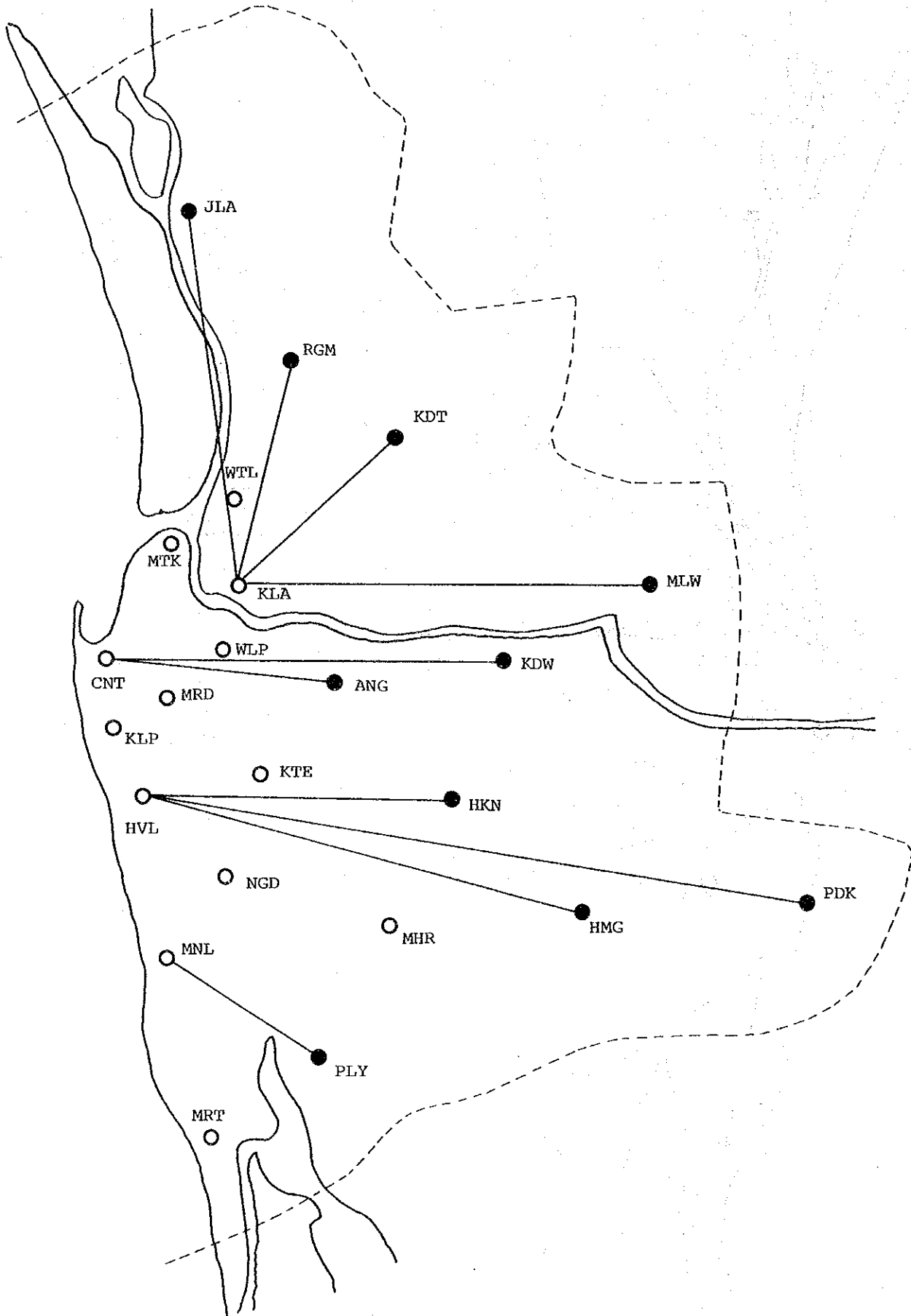


Figure 4-2 (4/4) Remote Exchange Routing Plan

Table 4-12 (1/3) Required Number of RSUs and PCM Links

EX. Code	No. of Sub	ORG CR.	No. of RSU			No. of PCM Links
			4 PCM	3 PCM	2 PCM	
MTK	2,900	0.08	4	1	-	19
ANG	700	↓	-	1	1	5
KDW	1,000	↓	1	1	-	7
WLP	2,850	↓	4	1	-	19
KLA	4,750	↓	7	1	-	31
JLA	1,400	↓	2	-	1	10
RGM	1,000	↓	1	1	-	7
KDT	1,600	↓	2	1	-	11
MLW	600	↓	1	-	-	4
WTL	3,150	↓	5	-	1	22
HKN	600	0.08	1	-	-	4
HMG	1,000	↓	1	1	-	7
PDK	500	↓	1	-	-	4
MHR	5,000	↓	8	-	-	32
PLY	1,000	0.08	1	1	-	7
MRT	4,400	↓	7	-	1	30

Table 4-12 (2/3) Required Number of RSUs and PCM Links











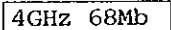
EX. Code	No. of Sub	ORG CR.	No. of RSU			No. of PCM Links
			4 PCM	3 PCM	2 PCM	
MTK	6,300	0.08	10	-	1	42
ANG	1,300	↓	2	-	1	10
KDW	2,600	↓	4	-	1	18
WLP	5,350	↓	8	1	-	35
HKN	1,100	0.08	2	-	-	8
HMG	1,500	↓	2	-	1	10
PDK	500	↓	1	-	-	4
MHR	5,000	↓	8	-	-	32
PLY	2,000	0.08	3	-	1	14
MLW	1,200	0.08	2	-	-	8
KDT	5,600	↓	9	-	-	36
RGM	1,900	↓	3	-	1	14
JLA	2,600	↓	4	-	1	18
WTL	7,650	↓	12	-	1	50

Table 4-12 (3/3) Required Number of RSUs and PCM Links

EX. Code	No. of Sub	ORG CR.	No. of RSU			No. of PCM Links
			4 PCM	3 PCM	2 PCM	
ANG	2,400	0.08	4	-	-	16
KDW	3,600	↓	6	-	-	24
HKN	2,100	0.08	3	-	1	14
HMG	2,700	↓	4	-	1	18
PDK	1,100	↓	2	-	-	8
PLY	3,500	0.08	5	1	-	23
MLW	2,200	0.08	3	1	-	15
KDT	5,600	↓	9	-	-	36
RGM	3,500	↓	5	1	-	23
JLA	4,800	↓	7	1	-	31

Figure 4-3 SYSTEM ROUTE MAP

Legend

	----- Working Subscribers
	----- Number of Primary Cable
 200	----- Number of Primary Cable (Planned by SLTD)
	Secondary Switching Unit
	Remote Switching Unit
	Proposed Remote Switching Unit (1990)
	Existing Local Exchange
	Cable System
	Open Wire
	Proposed Cable P.C.M. System
	Proposed Microwave System

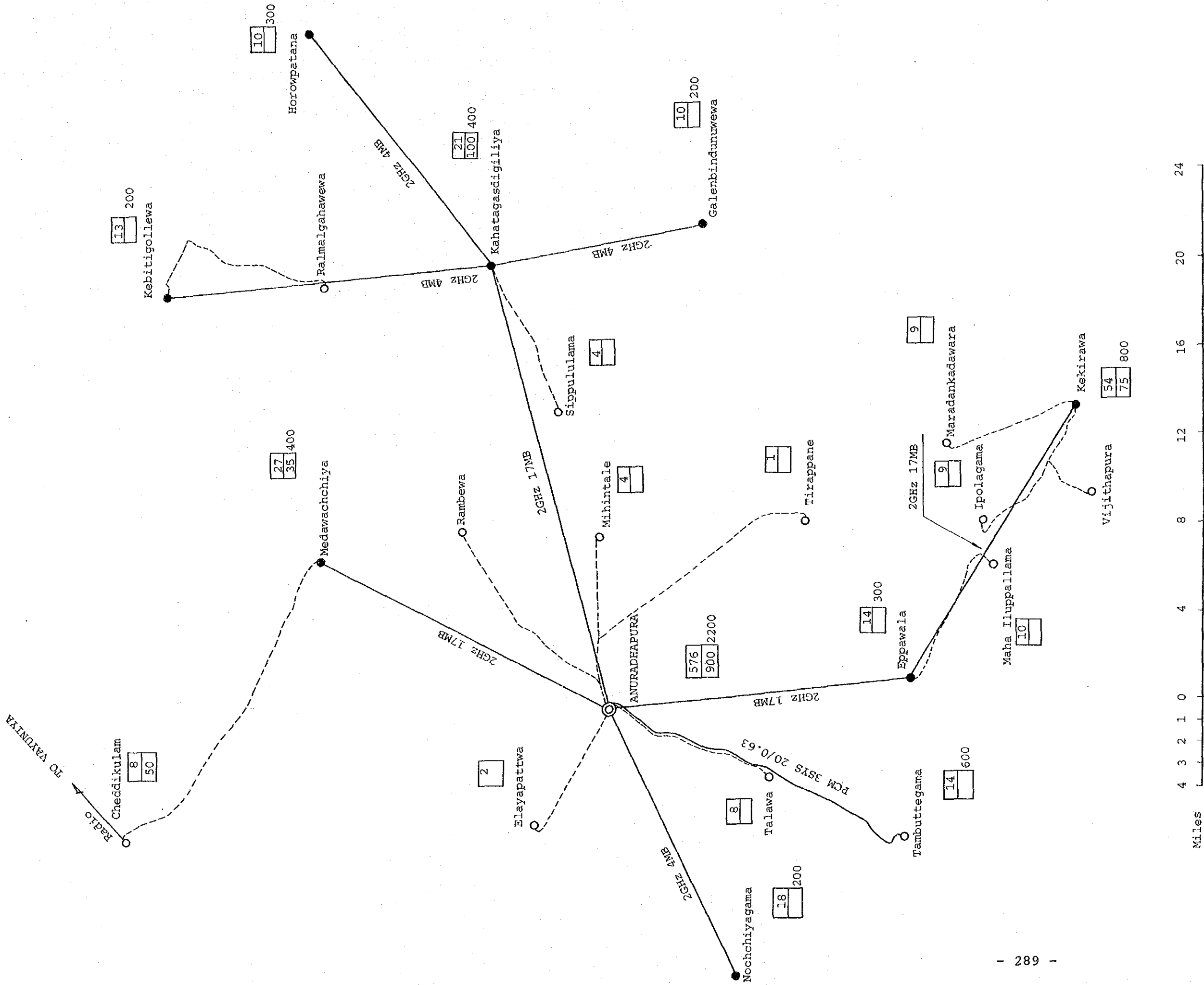


Figure 4-3 (1/28) System Route Map (ANURADHAPURA SECONDARY AREA)

AMPARAI S.S.C. AREA

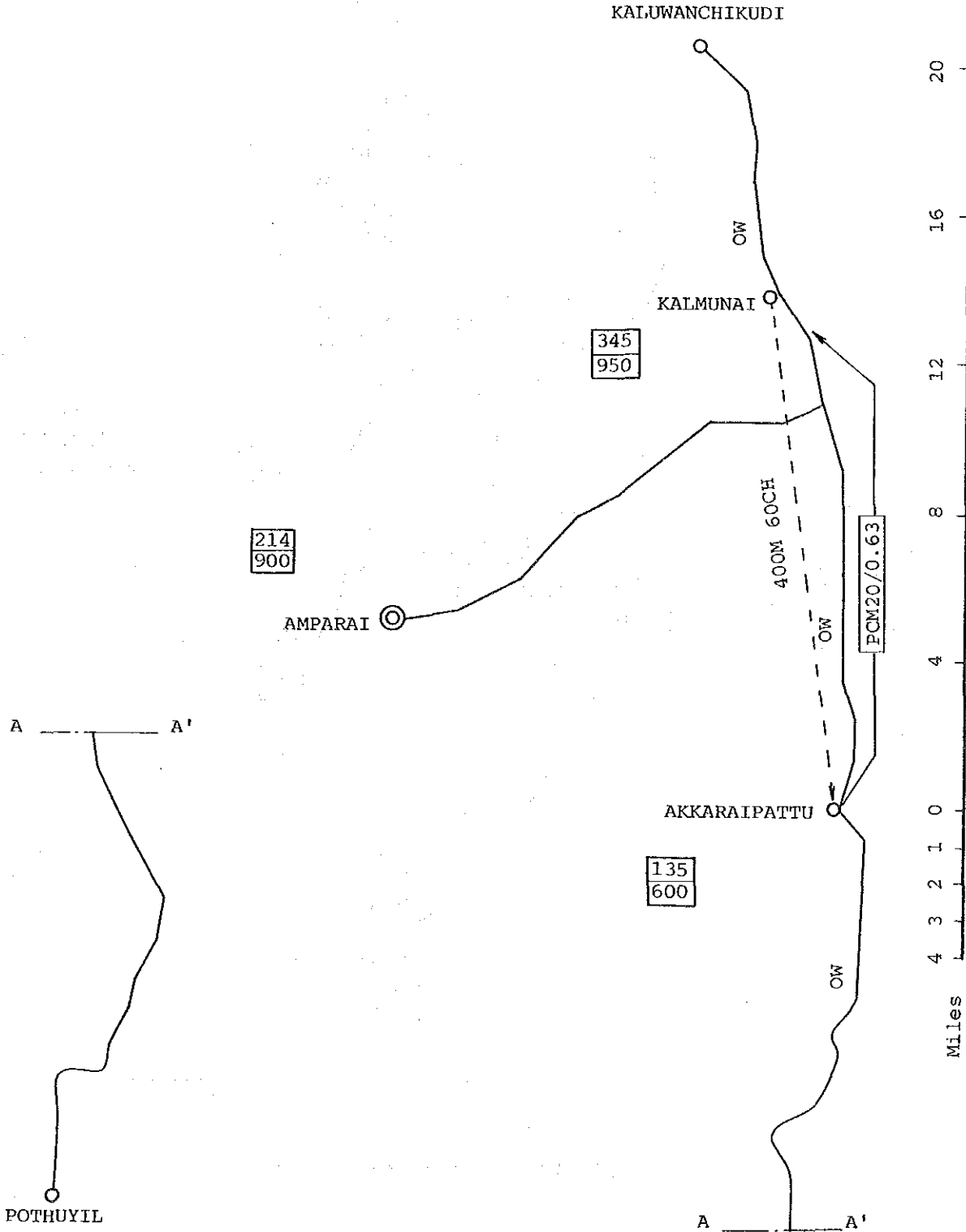


Figure 4-3 (2/28) System Route Map

AVISSAWELLA S.S.C. AREA

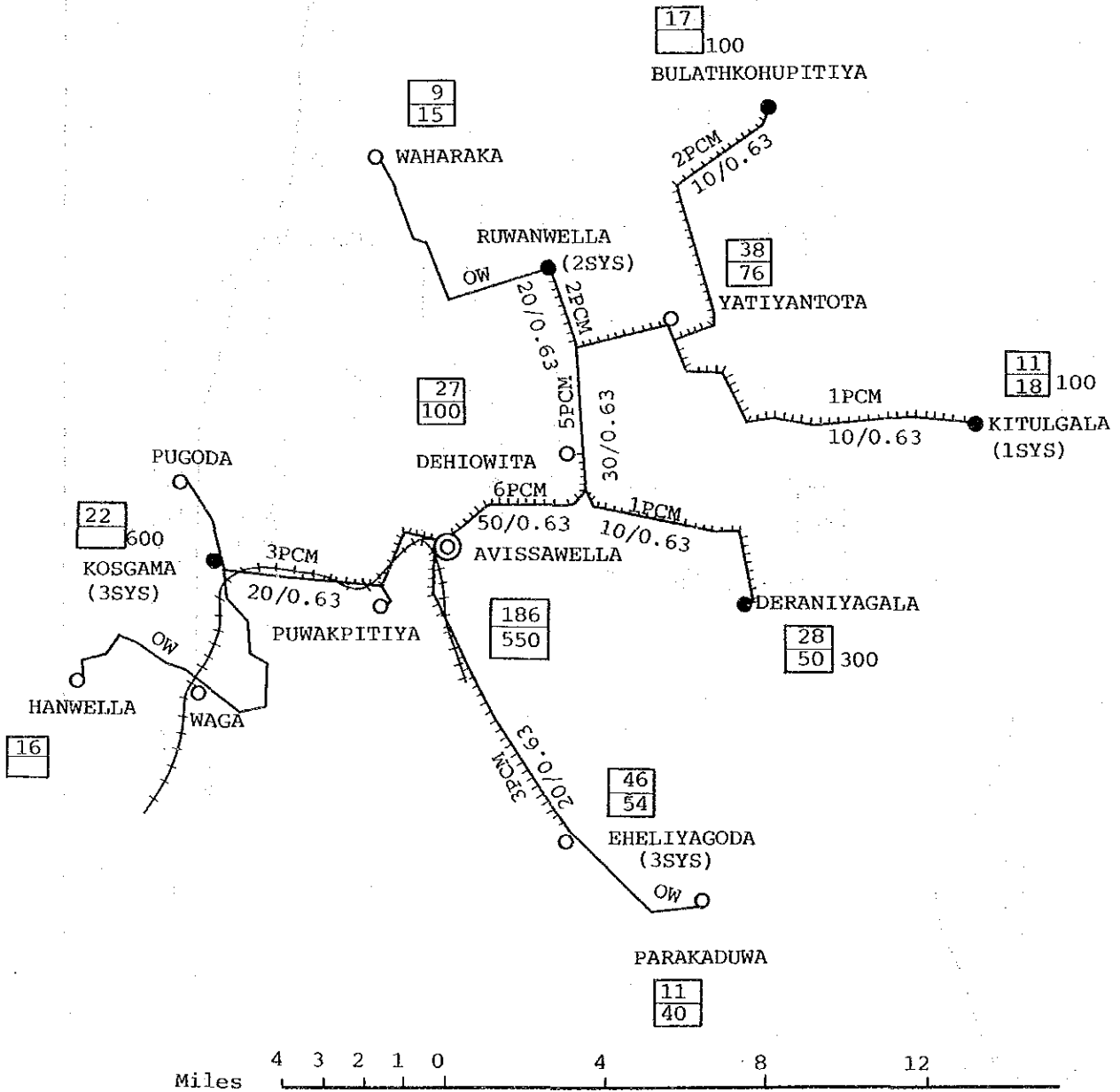


Figure 4-3 (3/28) System Route Map

BADULA S.S.C. AREA

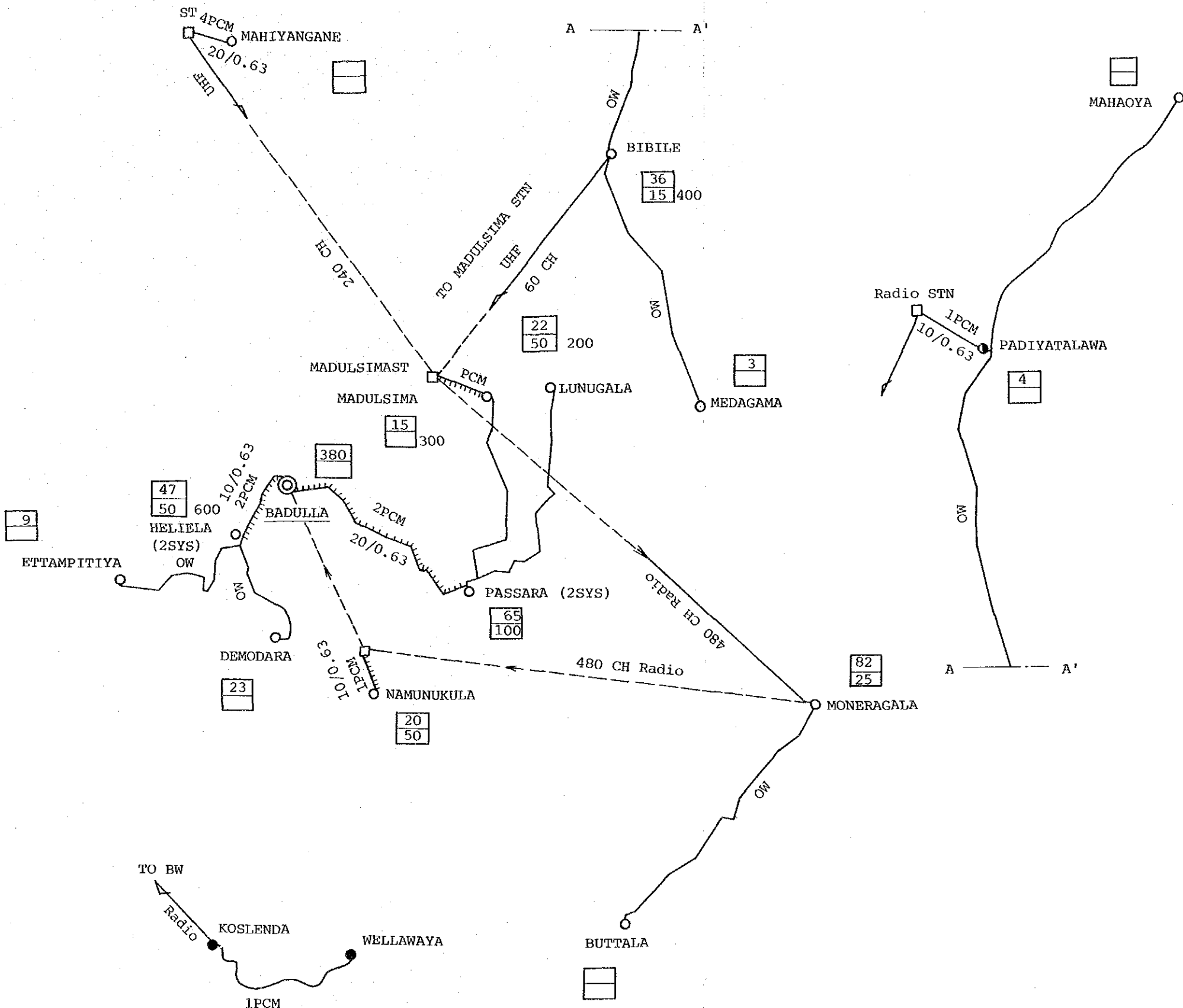


Figure 4-3 (4/28) System Route Map

BATTICALOA S.S.C. AREA

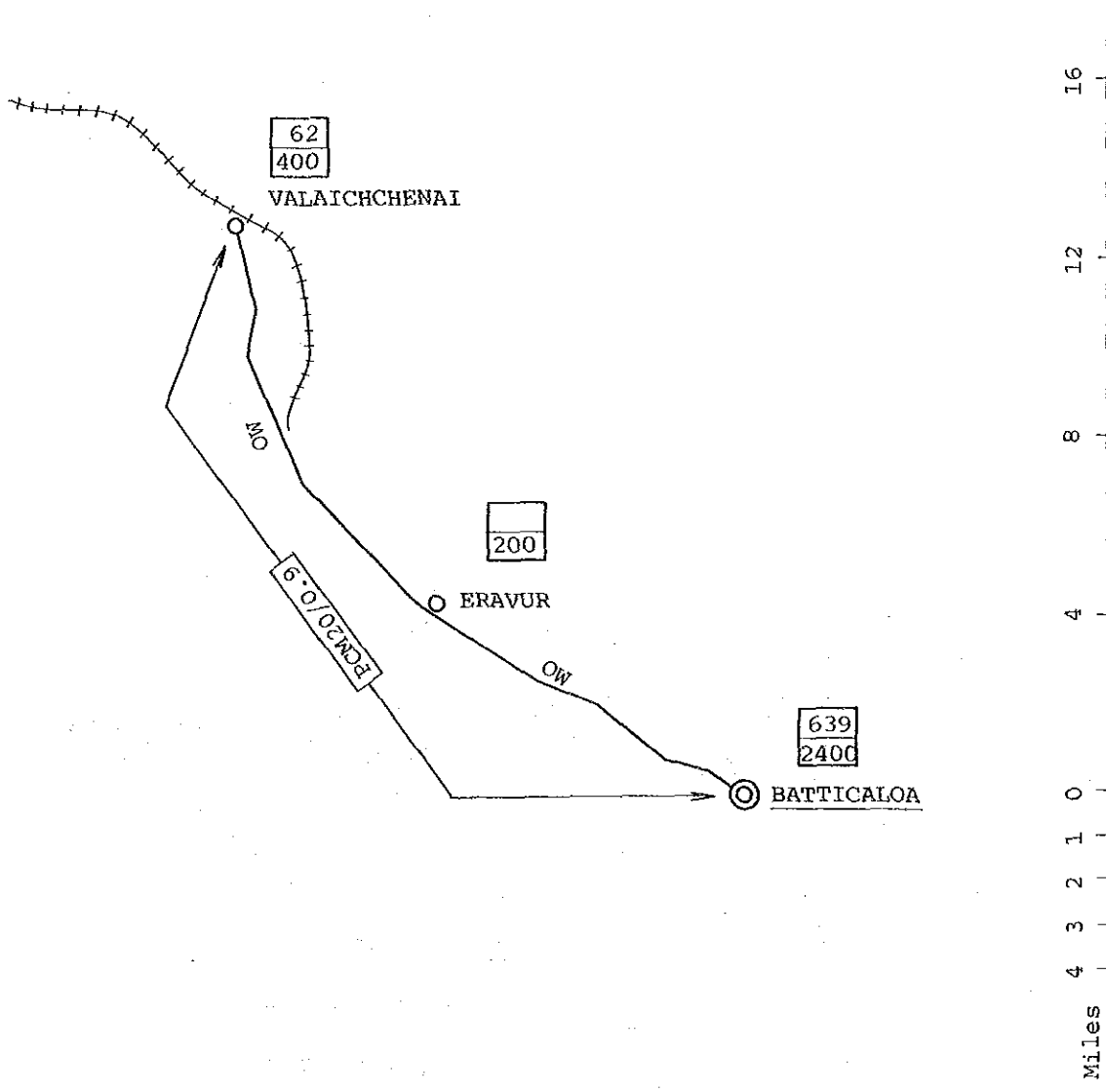


Figure 4-3 (5/28) System Route Map

BANDARAWELA S.S.C. AREA

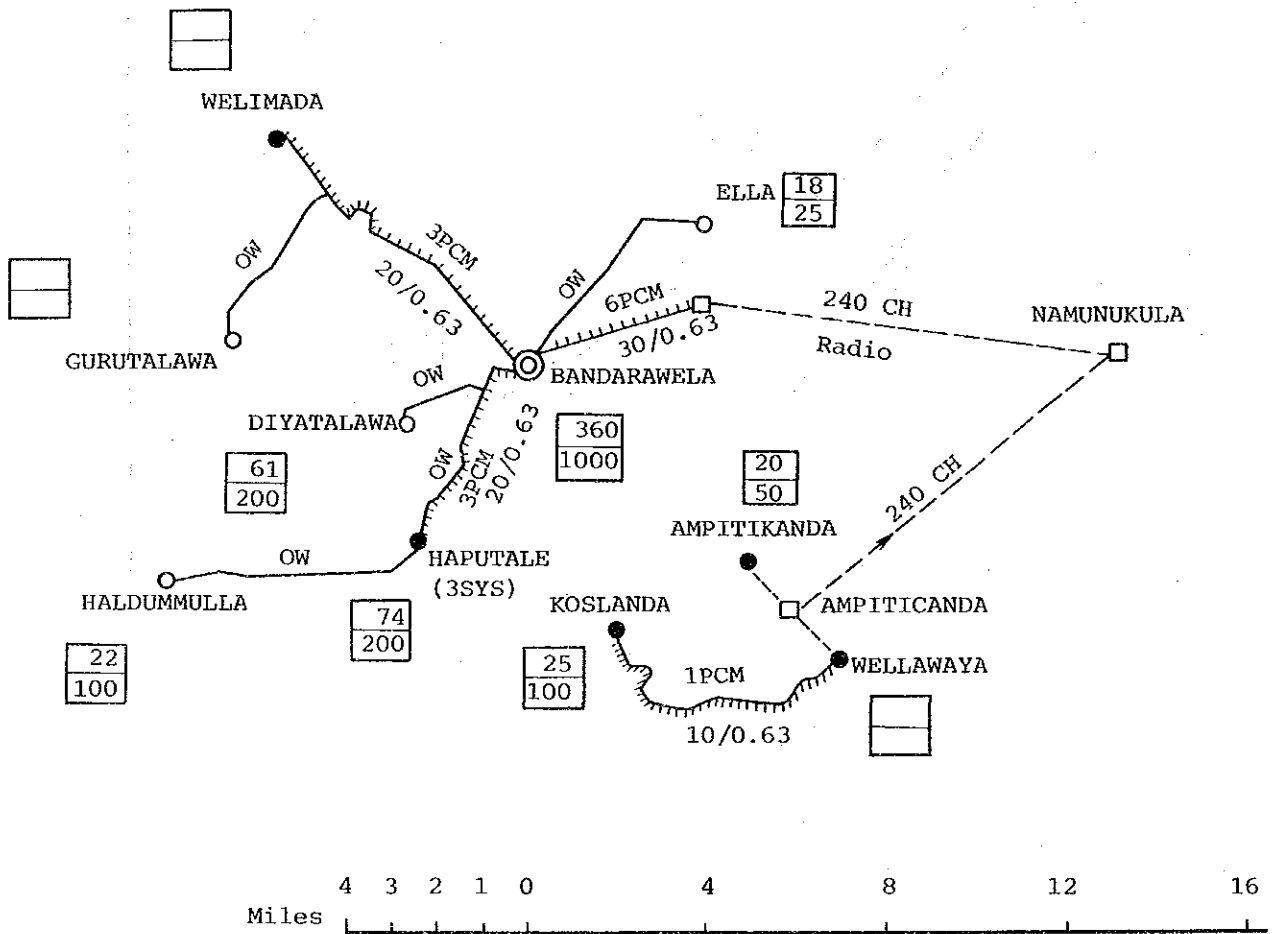


Figure 4-3 (6/28) System Route Map

CHILAW S.S.C. AREA

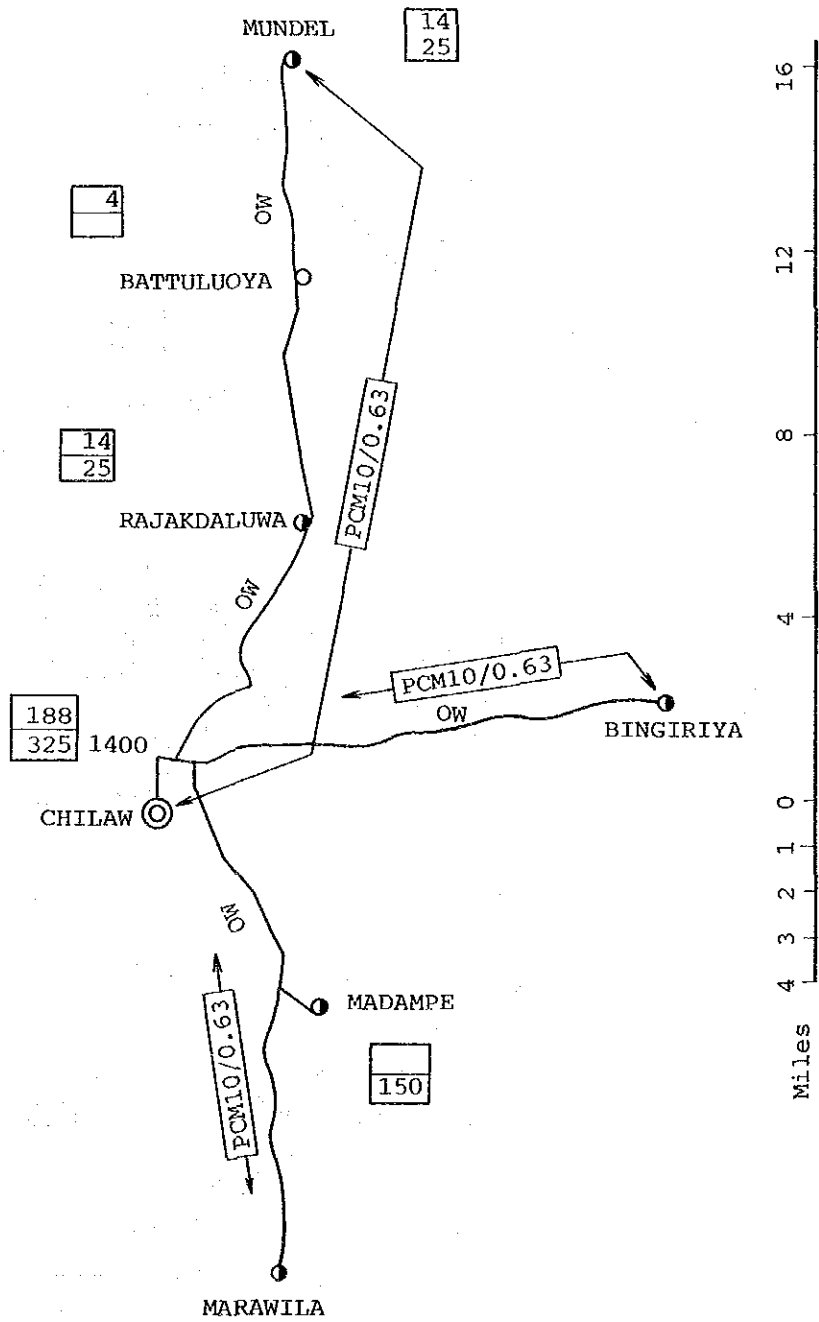


Figure 4-3 (7/28) System Route Map

GALLE S.S.C. AREA

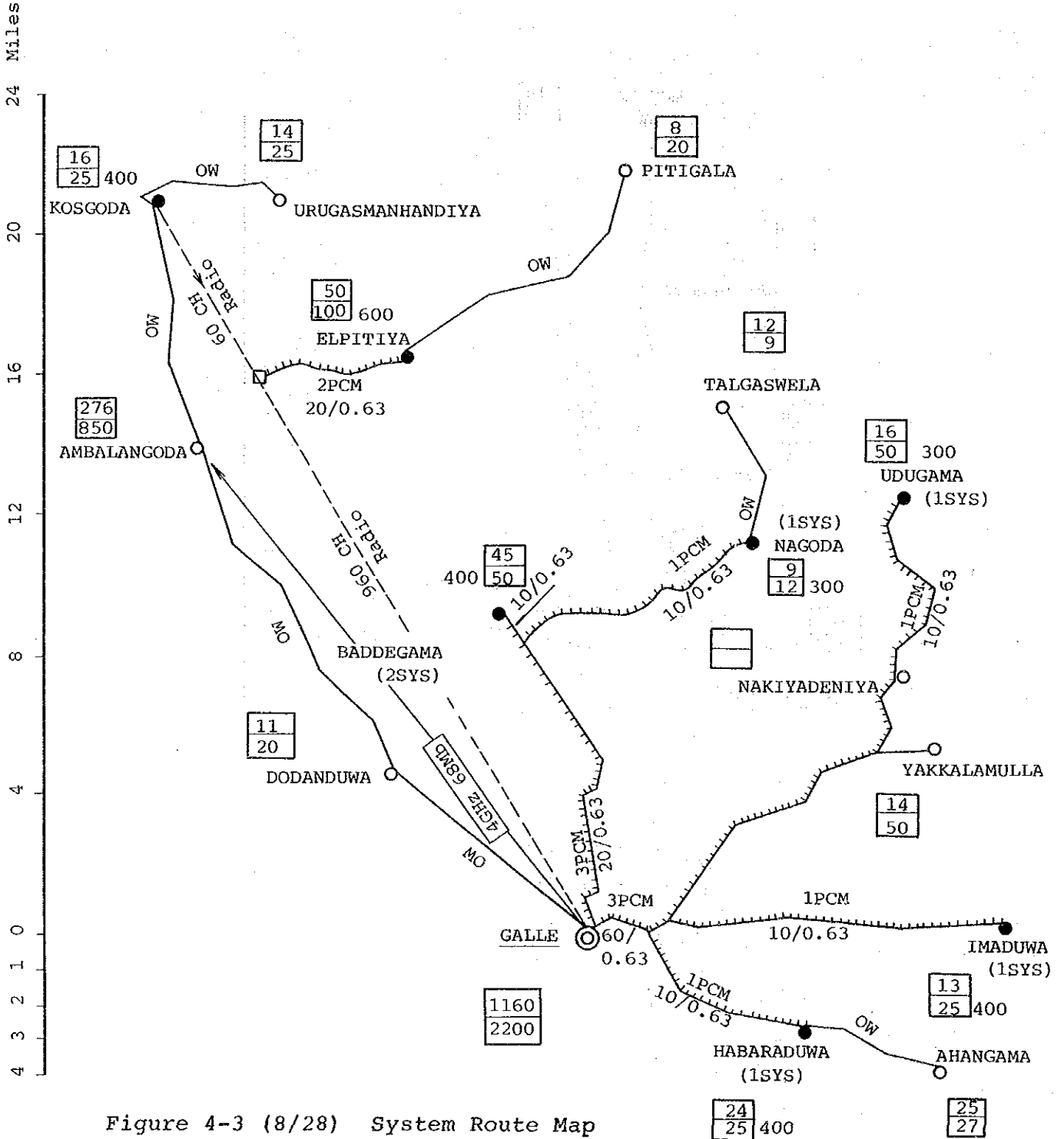


Figure 4-3 (8/28) System Route Map

GAMPAHA S.S.C. AREA

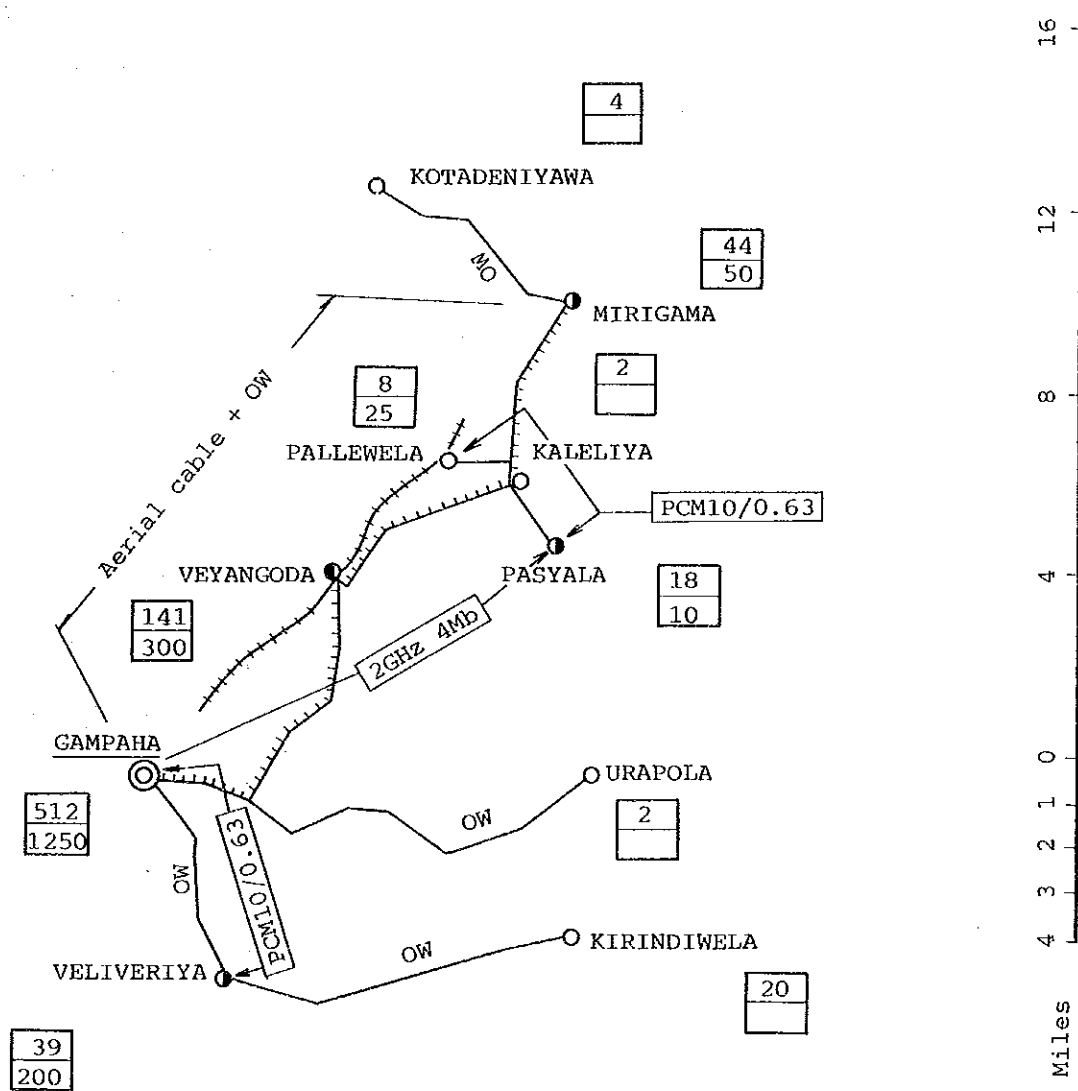


Figure 4-3 (9/28) System Route Map

HAMBANTOTA S.S.C. AREA

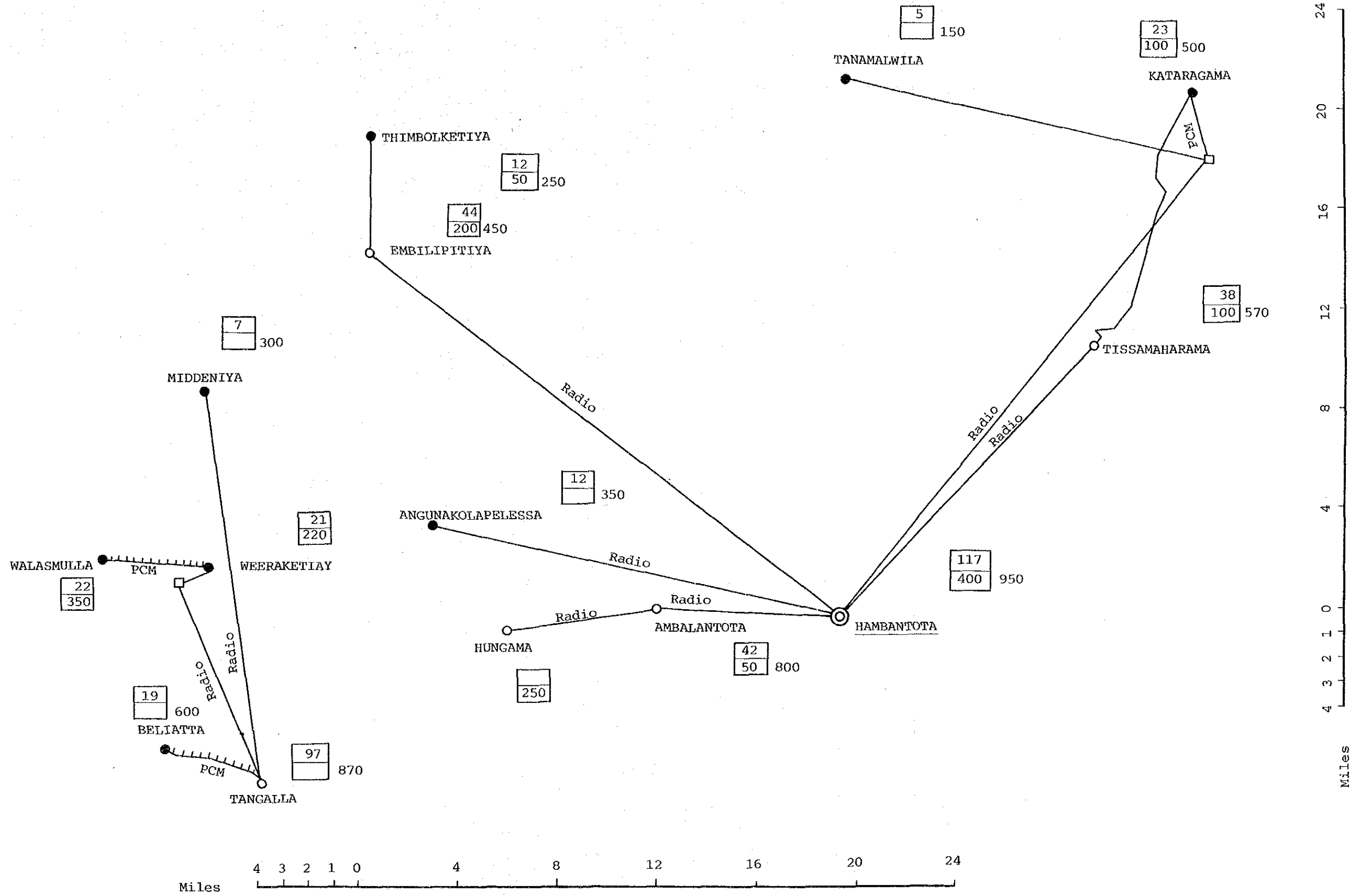


Figure 4-3 (10/28) System Route Map

HATTON S.S.C. AREA

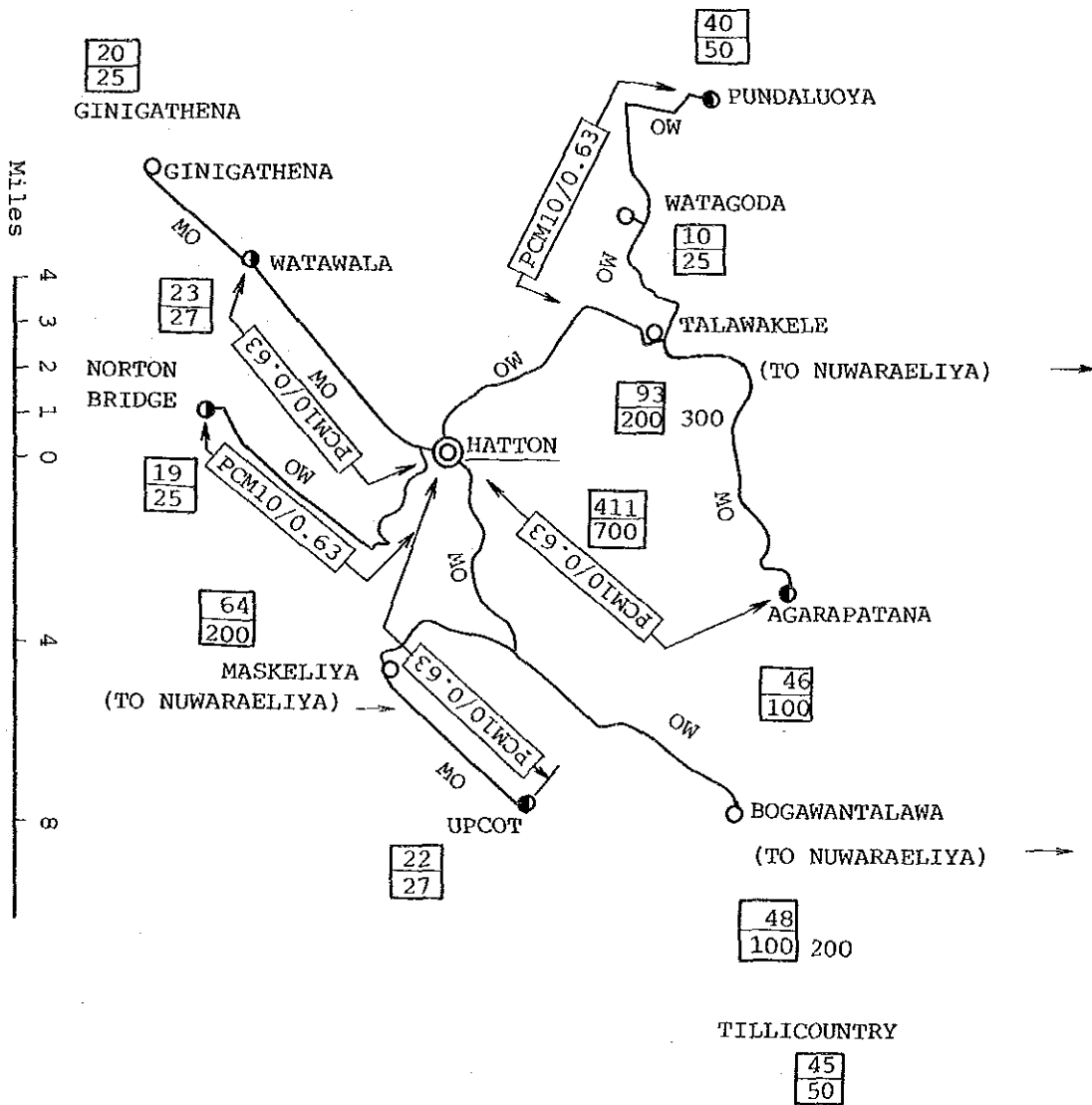


Figure 4-3 (11/28) System Route Map

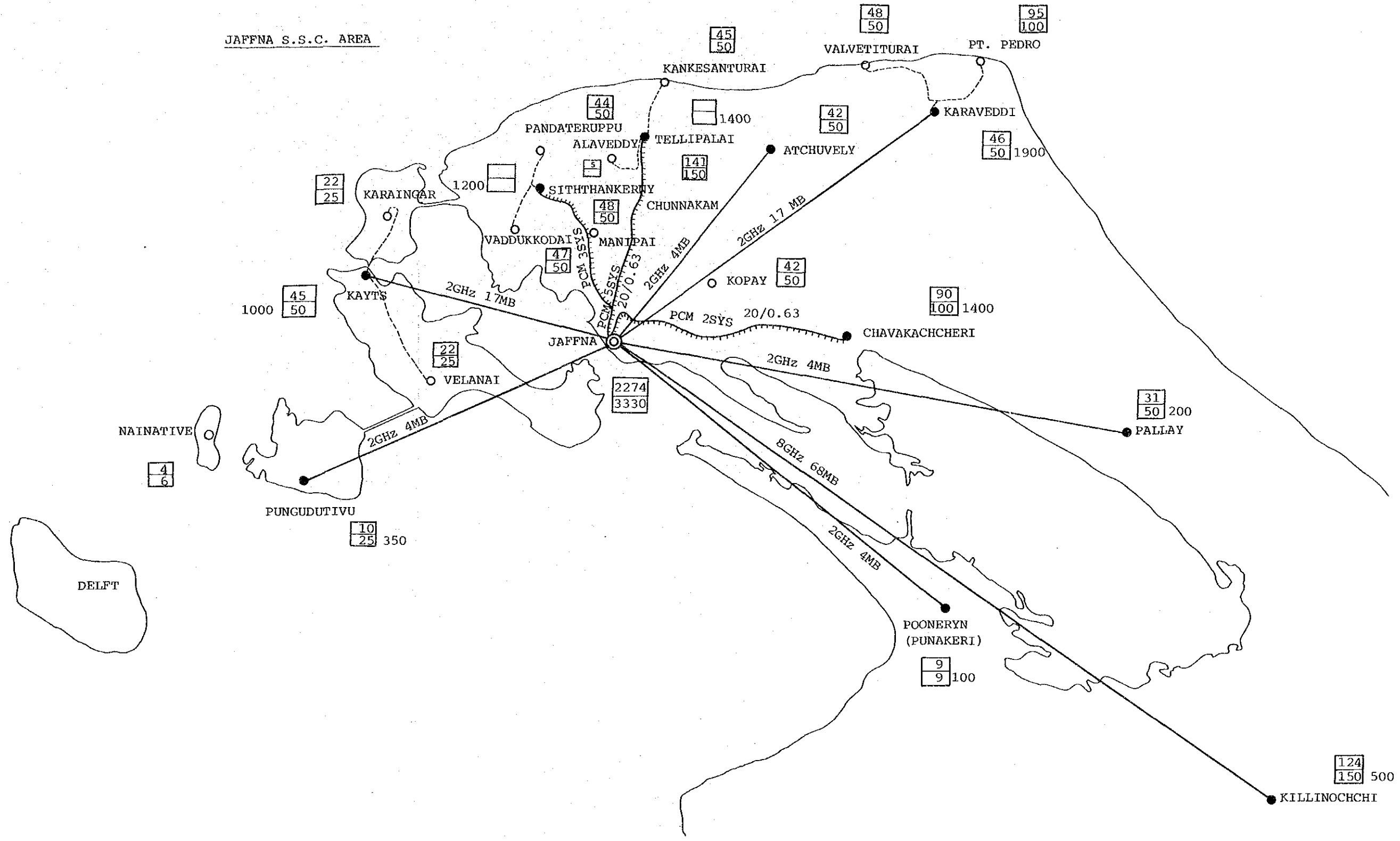


Figure 4-3 (12/28) System Route Map (JAFFNA SECONDARY AREA)

KANDY S.S.C. AREA

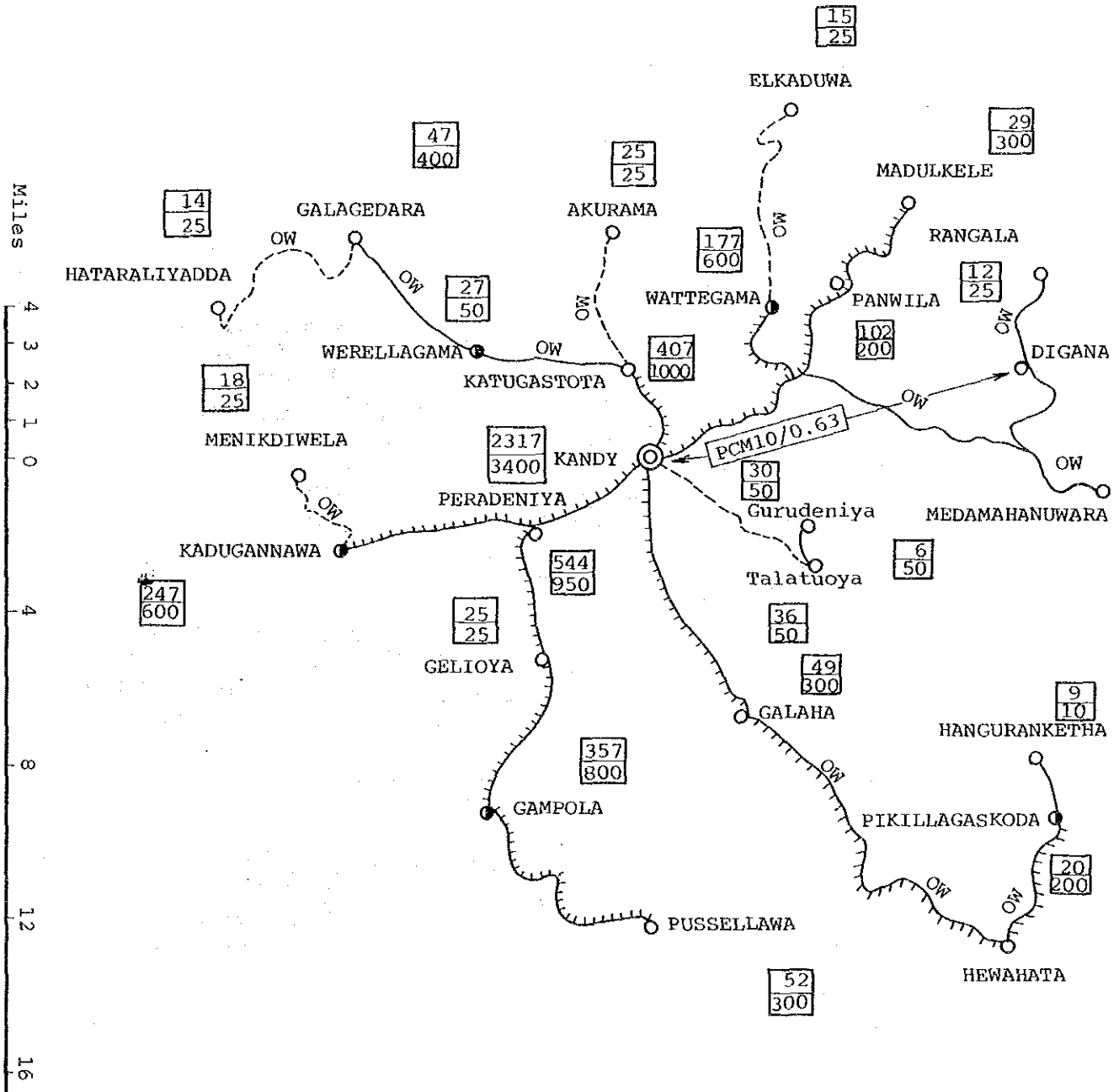


Figure 4-3 (13/28) System Route Map

KALUTARA S.S.C. AREA

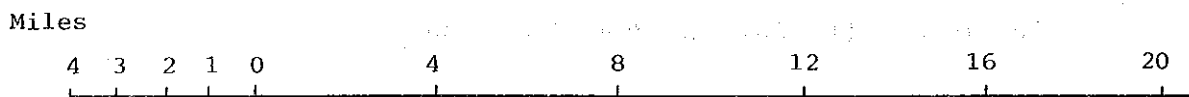
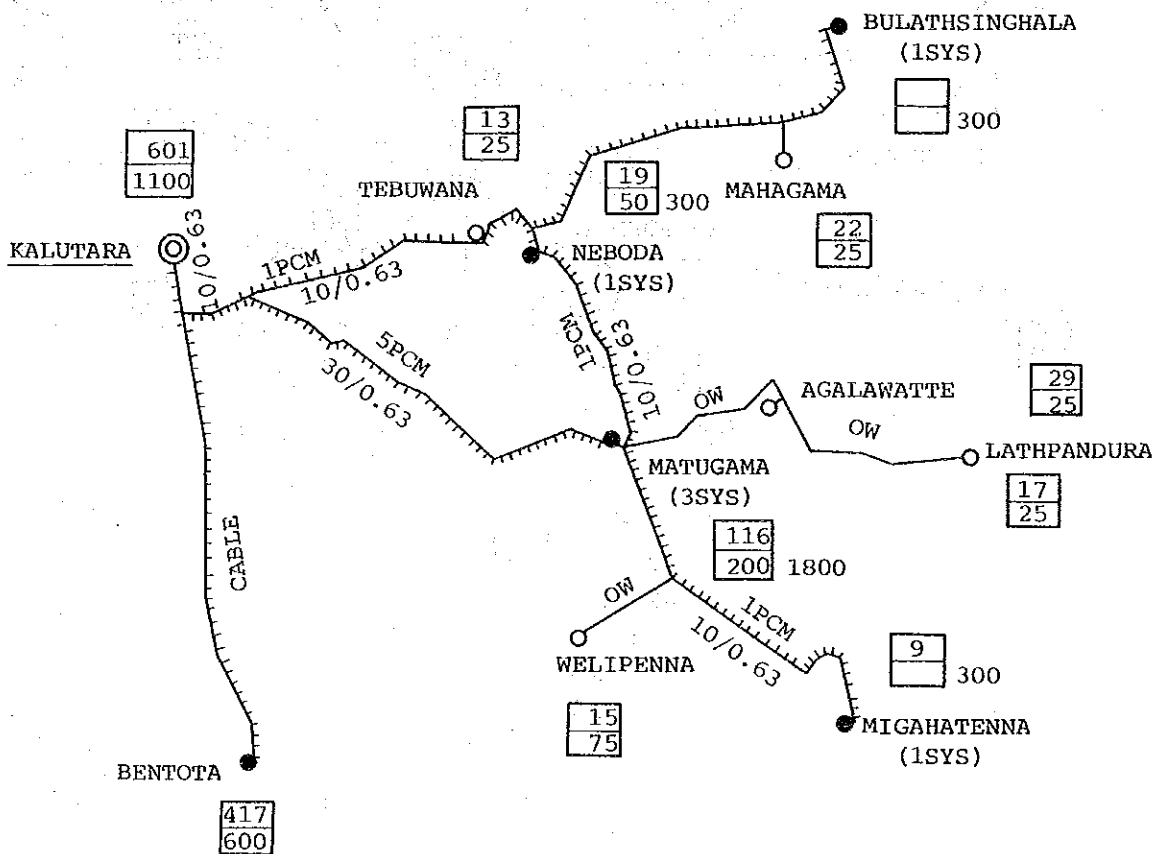


Figure 4-3 (14/28) System Route Map

KEGALLE S.S.C. AREA

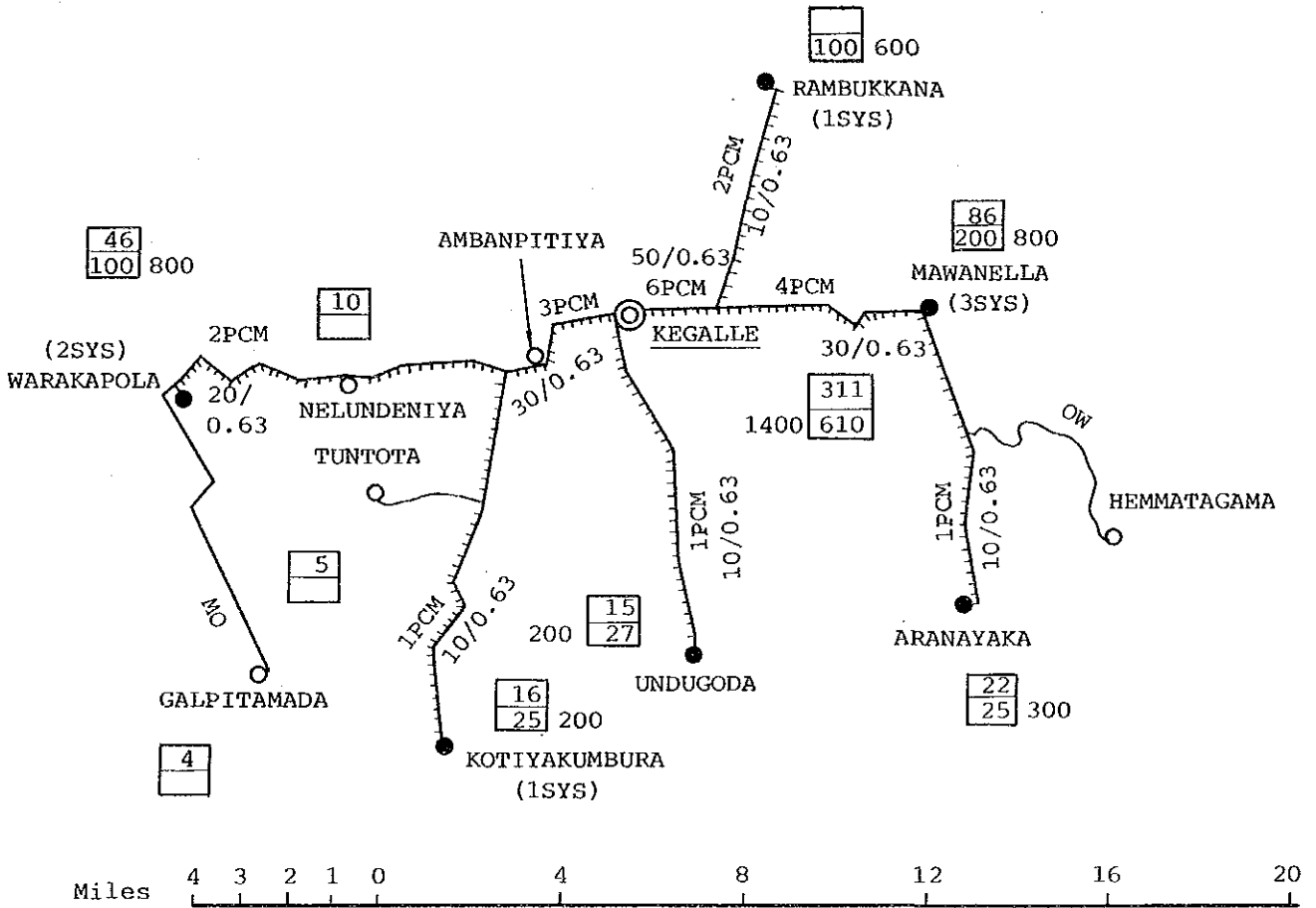


Figure 4-3 (15/28) System Route Map

KURUNEGALA S.S.C. AREA

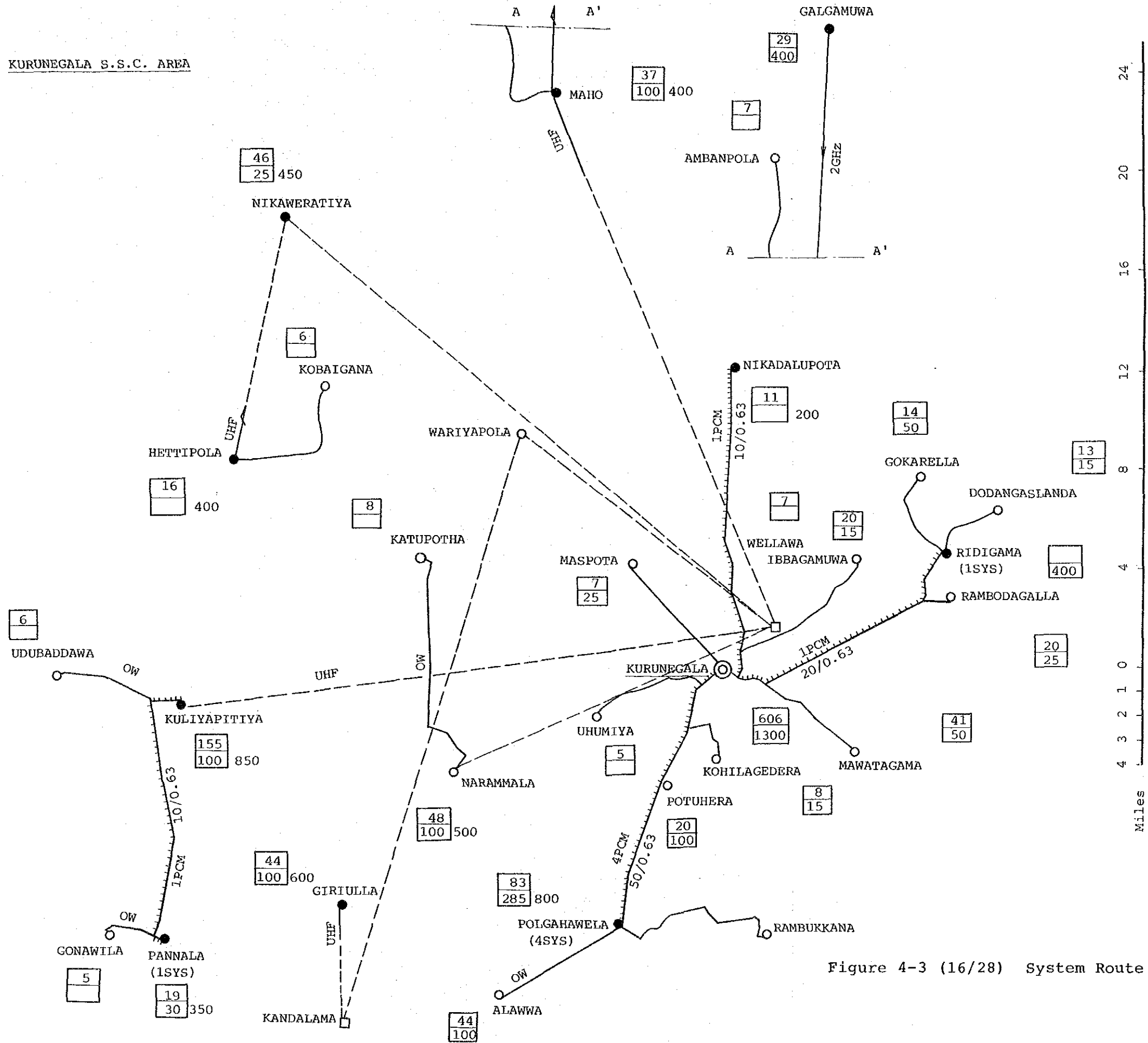


Figure 4-3 (16/28) System Route Map

MANNAR S. C. AREA

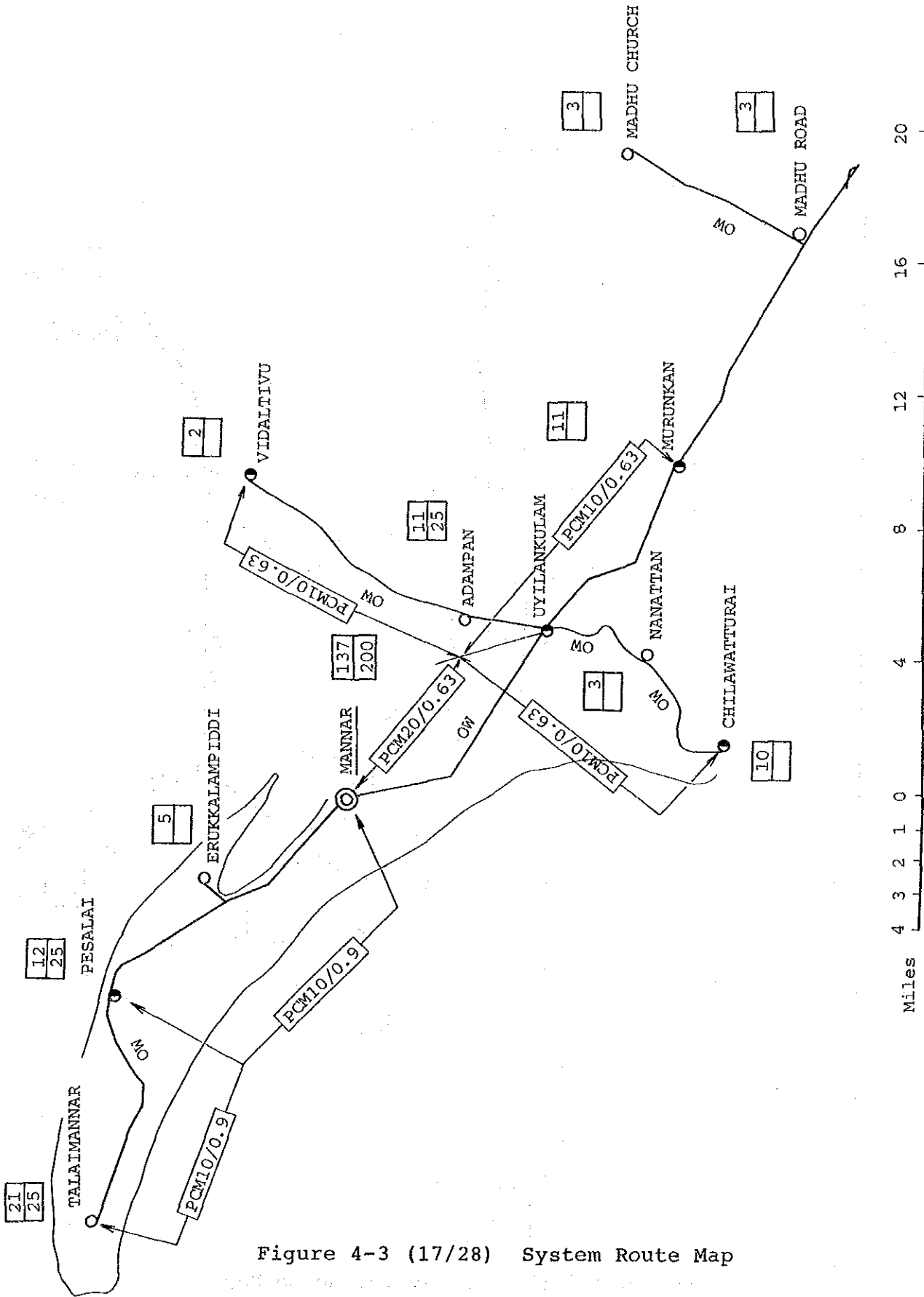


Figure 4-3 (17/28) System Route Map

MATALE S.S.C. AREA

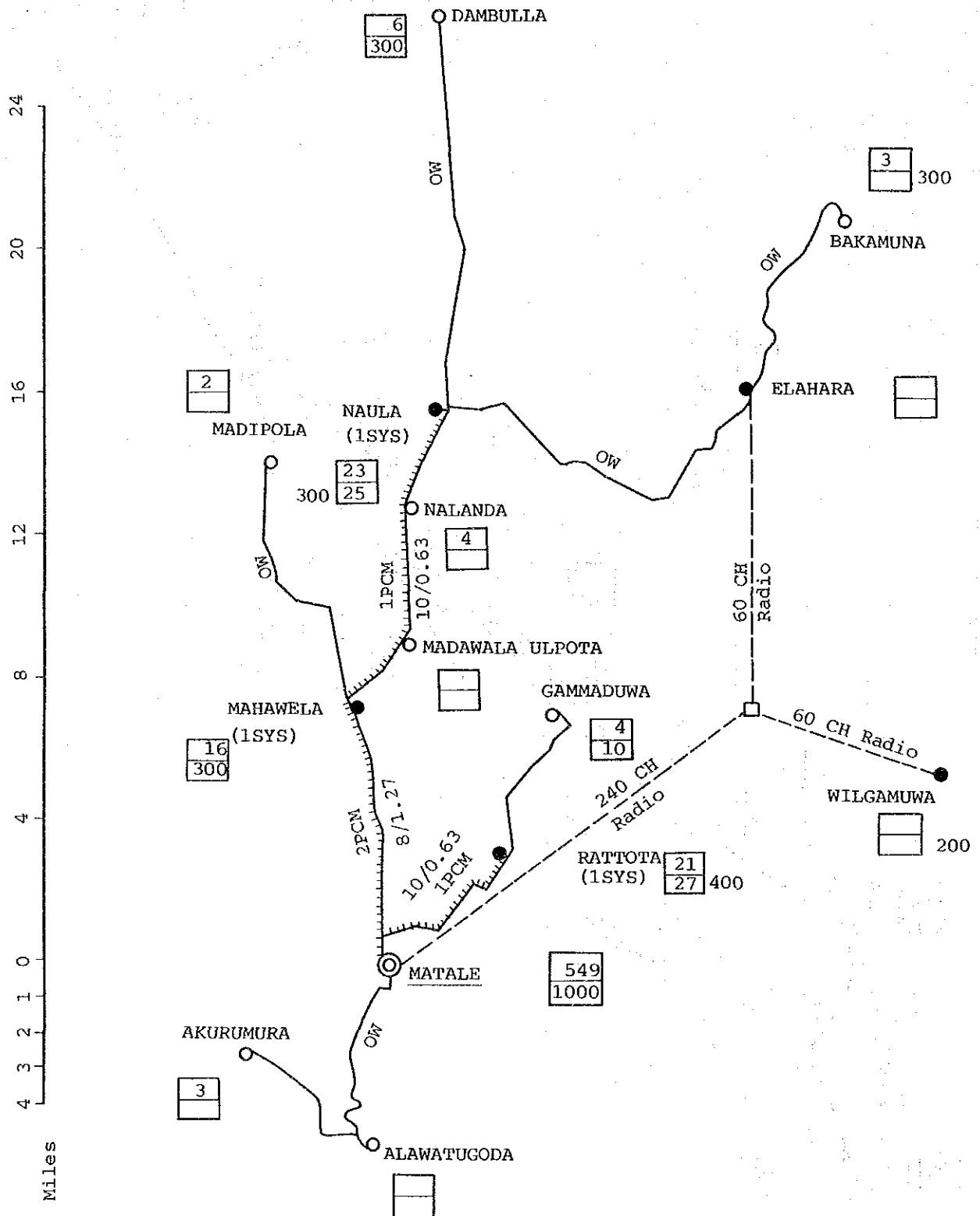


Figure 4-3 (18/28) System Route Map

MATARA S.S.C. AREA

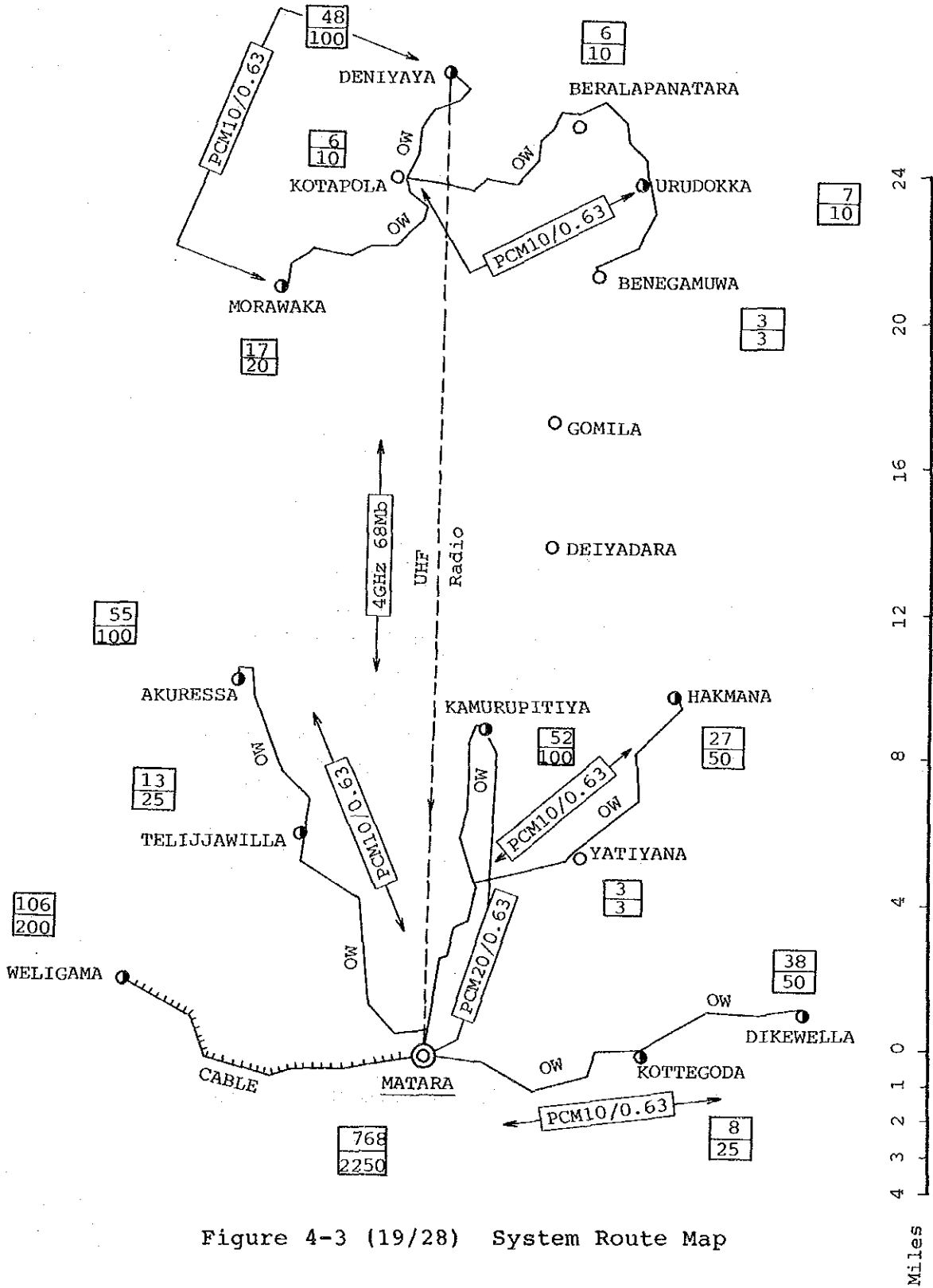


Figure 4-3 (19/28) System Route Map

NAWALAPITIYA S.S.C. AREA

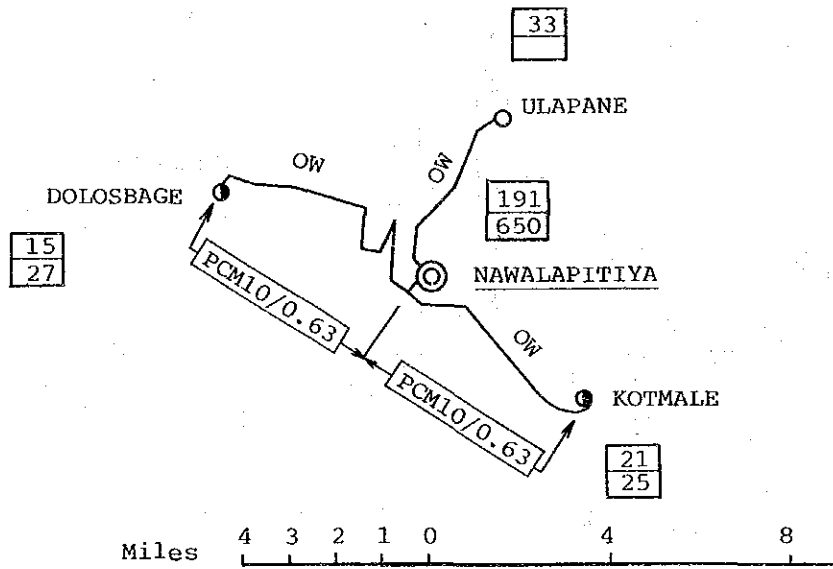


Figure 4-3 (20/28) System Route Map

NEGAMBO S.S.C. AREA

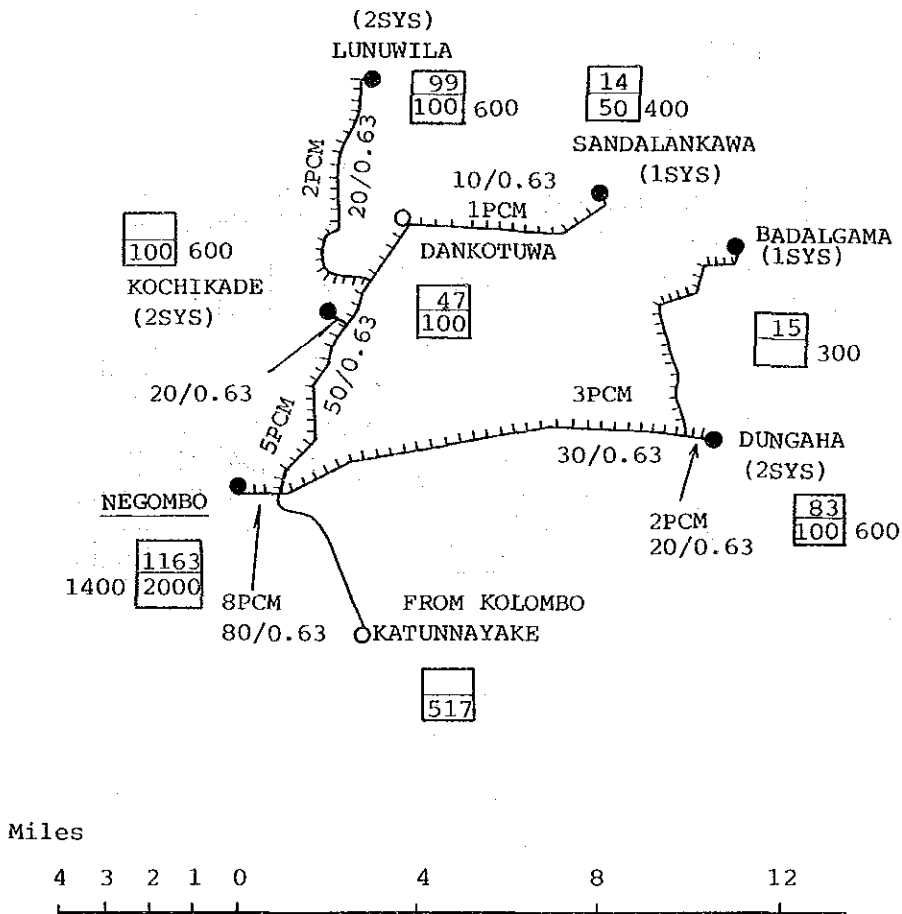


Figure 4-3 (21/28) System Route Map

NUWARAELIYA S.S.C. AREA

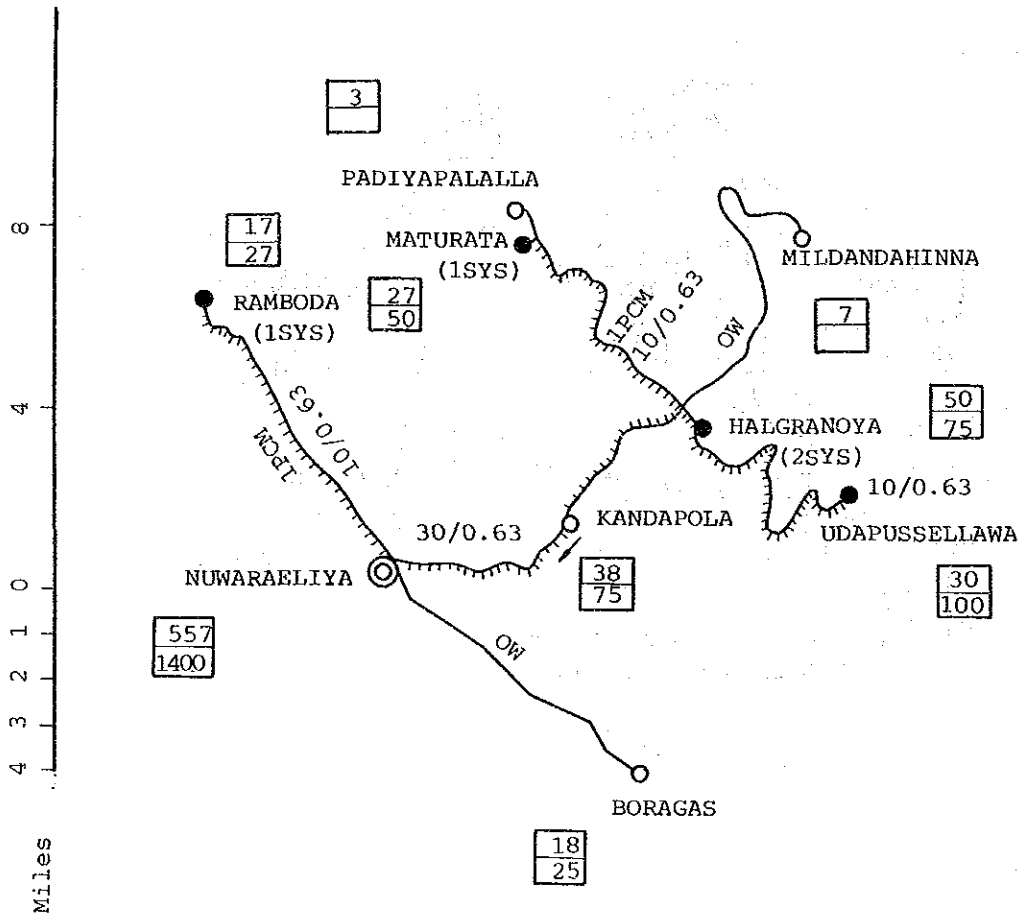


Figure 4-3 (22/28) System Route Map

PANADURA S.S.C. AREA

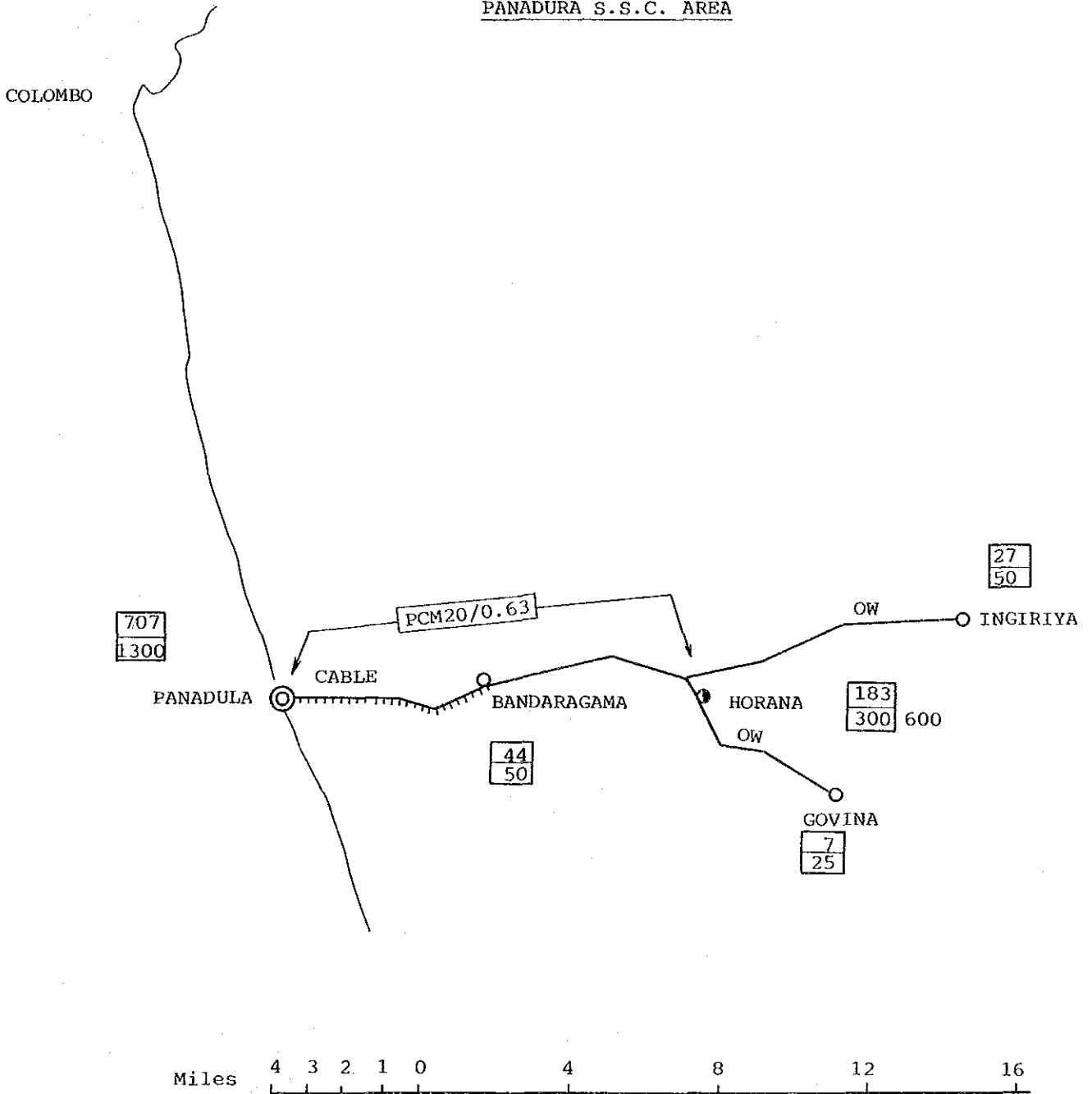


Figure 4-3 (23/28) System Route Map

PUTTALAM S.S.C. AREA

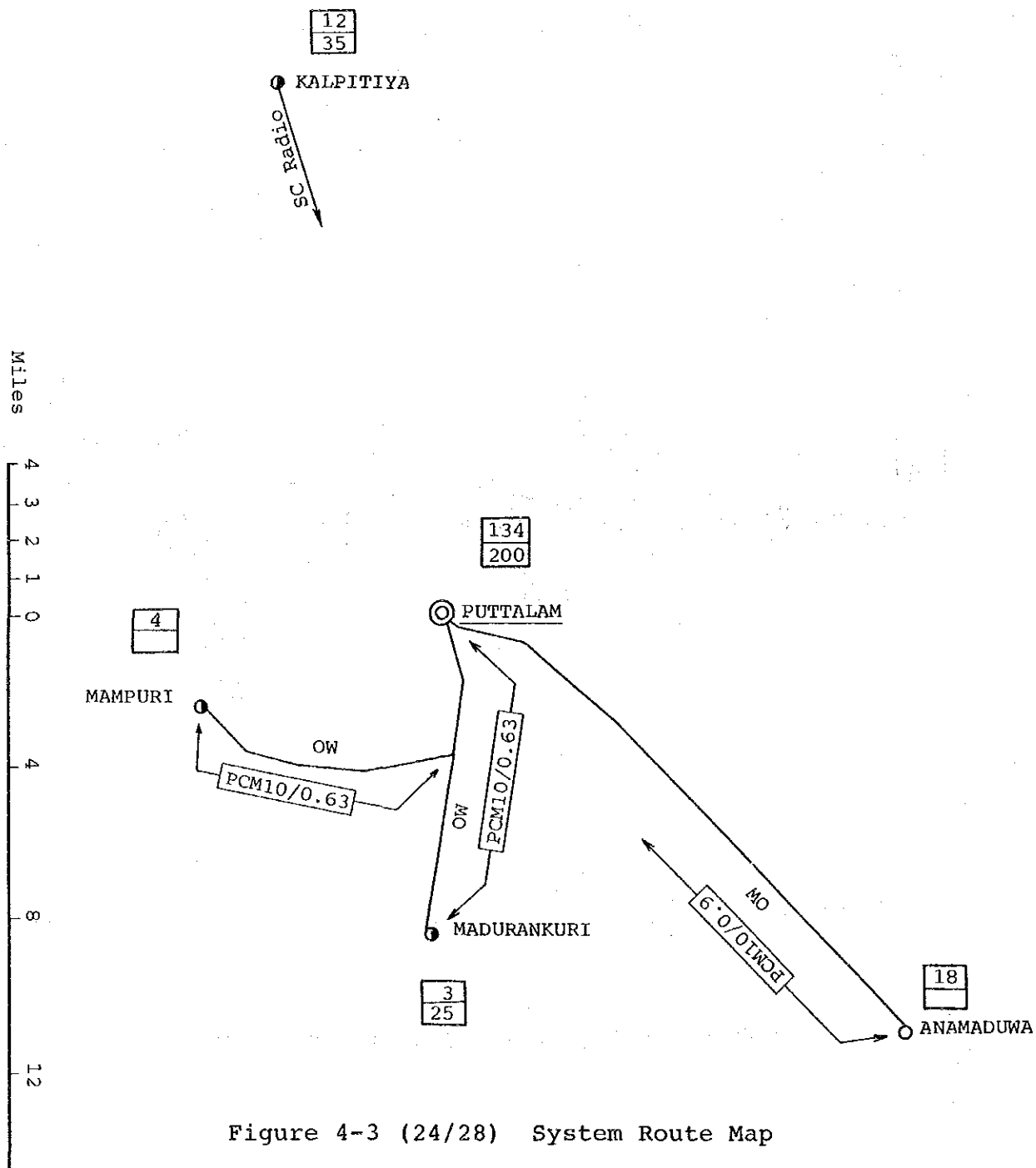


Figure 4-3 (24/28) System Route Map

POLONNARUWA S.S.C. AREA

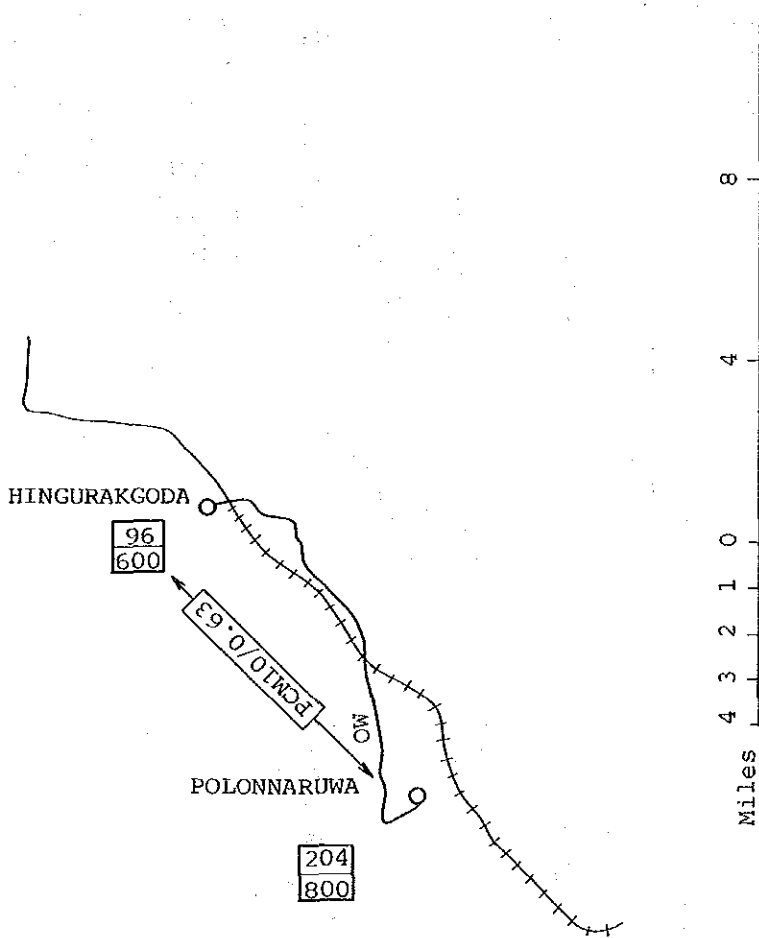


Figure 4-3 (25/28) System Route Map

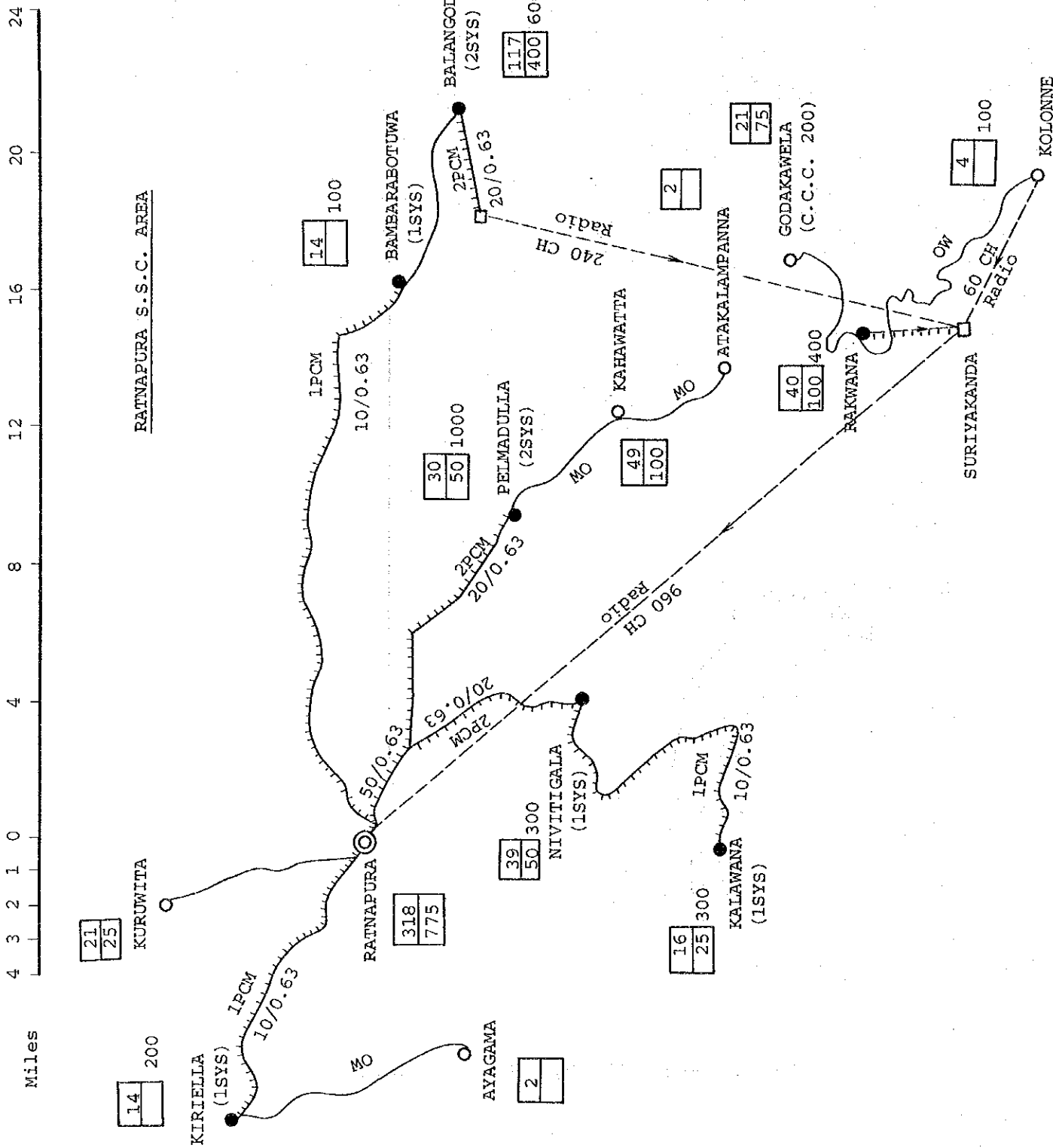


Figure 4-3 (26/28) System Route Map

TRINCOMALEE S.S.C. AREA

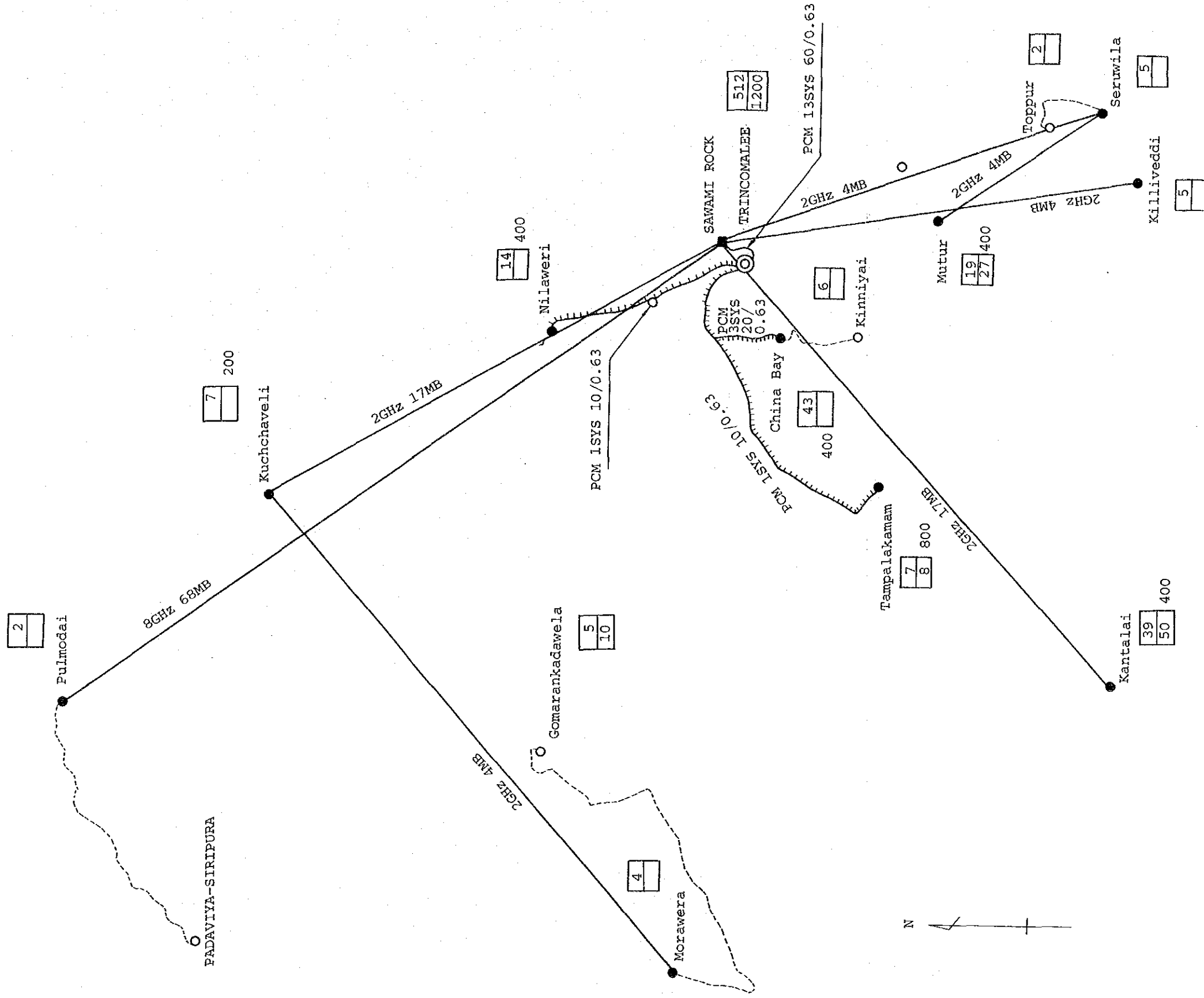


Figure 4-3 (27/28) System Route Map (TRINCOMALEE SECONDARY AREA)

VAVUNIYA S.S.C. AREA

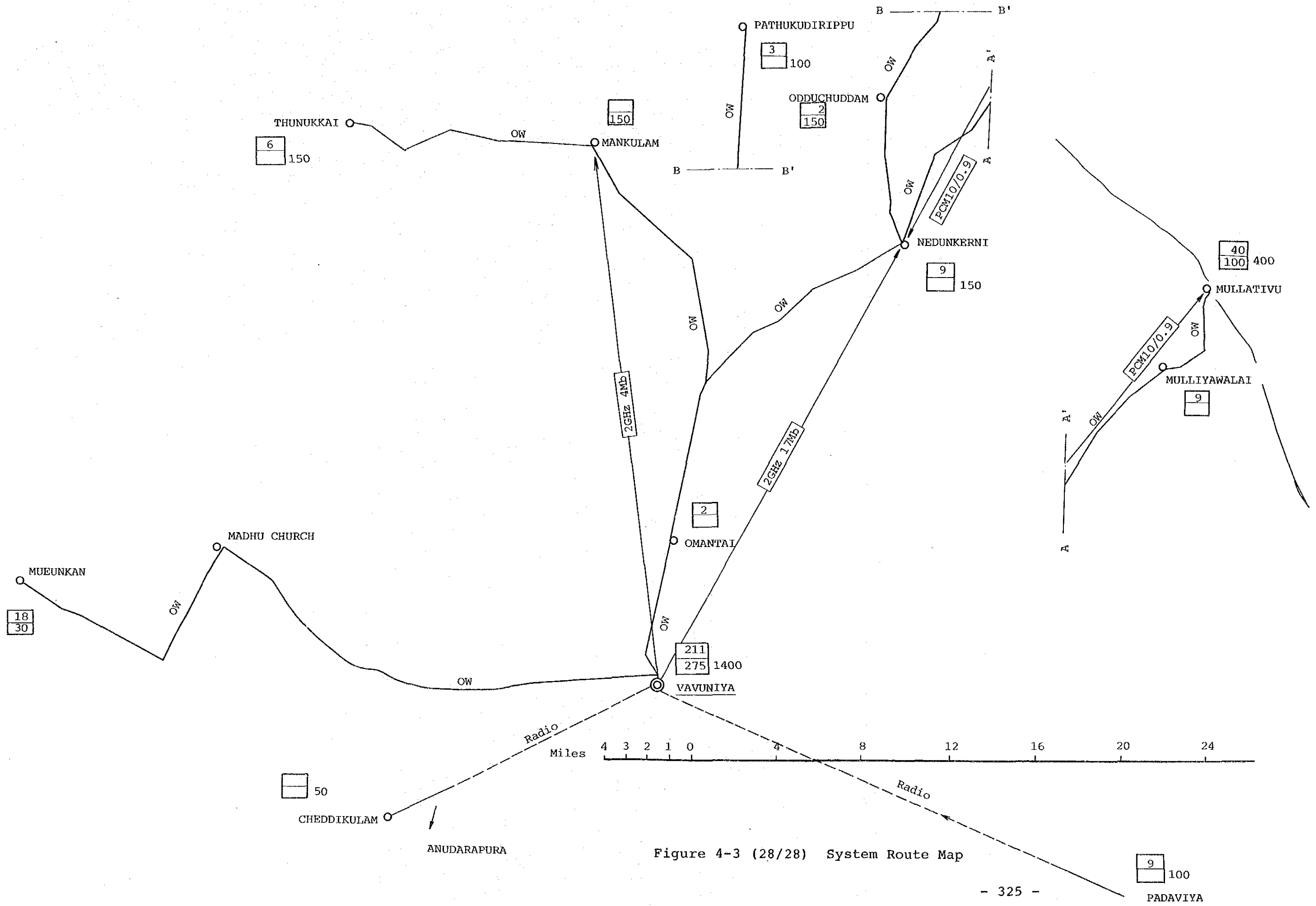


Figure 4-3 (28/28) System Route Map

100