3. Cable Network Expansion Plan

Duration (Year) $\{\frac{2}{5}\}^{-(3)}$ 7.3 8.2 26.0 33.3 21.0 12.7 14.2 20.3 81.2 18.1 Average Increase LC) ထ ഗ 218 හ 33 7 7. 7 Demand in 1990 2112 112 344 156 (4) 184 44 22 63 63 47 0ccupied Rate (%) *1 Subs. 10.04 (3083 (30) 14 589 28 38 2 10 28 ij 80 38 Effective No. of Pairs (1)x0.7 2170 210 210 140 560 140 420 280 280 Total 200 800 No.of Primary Cable Pairs 3100 300 200 300 400 200 800 400 006 Existing (75)Planned by SLTD 400 200 200 600 2200 300 800 300 S.S.C. Eppayala Galneya Maha [luppallama NAME OF EXCHANGE Kahatagasdisiliya Sippukulam Galenbindunuwewa Kerirawa Vijithapura Ipologama Medawachchiya Cheddikulam Kebitigolleva Nochchiyagama Anuradapura Mihintale Talawa Tiripane Rambawa Tambuttegama ANURADAPURA lioropatana 9 N က K မ ∞ ත 0 egr S.S.C CODE ANA

Examination of the Existing Primary Cable Pairs

Table 4-9 (1/30)

| | Duration (Year) | $\binom{2}{5}$ - (3) | | 5.3 | | | | | | |
|---|----------------------------|------------------------|----------------|--------|--|---|--|---|--|---|
| | Average Increase | (4)-(3) | | 18 | | | | 1. 1 1/2 1/4 | | |
| S | Demand | | | 763 | | | | 1 | | |
| ble Paír | \$2 0ccupied | (%) | | | | | | | | - |
| Examination of the Existing Primary Cable Pairs | *1 No.of Subs. | in 1983 (3) | | 214 | | | | | | |
| risting Po | Effective No of | $(1)^{*0}_{*0}$ 7 | | 630 | | | | | | |
| the E | Pairs | Total | | 006 | | | | | | |
| ation of | Primary Cable Pairs (1) | Existing | | 006 | | | | | | |
| | No.of Pri | Planned by SLTD | | | | - | | | | |
| Table 4-9 (2/30) | | NAME OF EXCHANGE | AMAPARA S.S.C. | Ampara | | | | | | |
| | ນຸ | 0 N | | 1 | | | | | | |
| | S.S.C | CODE | | APR | | | | | | _ |

| | Duration (Year) | (2)-(3)/ | | 2.4 | 13.3 | 20.2 | 0.0 | 14.8 | 6.2 | | | |
|----------------------------|---------------------|--|--------------------|-------------------------------------|-----------------|--------------|-------------------------------------|------------|---------------------------------------|---------------------------------------|---|---|
| | | | | | | 6 | | | | | | |
| | Average Increase | \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\ | | 89 | ð | 03 | 49 | 4 | 57 | | | |
| ro. | Demand | | | 669 | 47 | 06 | 410 | 39 | 468 | | | |
| le Pairs | %2 gccupied | Kate (%) | | | | | | | | : | | |
| imary Cab | | 1 1983 1 (3) | | 222 | 17 | 28 | 29 | | 72 | | | - |
| the Existing Primary Cable | Effective No. of | (1)×0.7 =(2).7 | | 385 | 7.0 | 210 | 37.8 | 70 | 420 | | | |
| | Pairs | Total | | 550 | 100 | 300 | 54 | 100 | 009 | : . | - | |
| ation of | imary Cable | Existing | | 550 | (27) | (20) | 3.4 | (18) | | | | |
| Examina | No.of Pri | Planned by SLTD | | | 100 | 300 | | 100 | 009 | | | |
| Table 4-9 (3/30) | | NAME OF EXCHANGE | AVISSAWELLA S.S.C. | Avisavella Dehiovita Labugama | Bulatkohupitiya | Deraniyagala | Ehaliyasoda Parakaduwa Yasama | Kithulgala | Kossama Hanvalla Pusoda Vasa | Ruvanwella Waharaka Yatiyantota | | |
| . 1941 . | ٥. | NO | | 1 | 2 | က | 7 | 5 | မ | <u>-</u> | | |
| . 1 | S.S.C | CODE | | AVS | | | : | | | | | |

Duration (Year) $\{2\}$ -(3)/ $(5\}$ 0.0 152.2 48.8 21.9 0.0 2.1 9 176 77 26 ත 26 (4)-(3) **₹**7 eg+ Demand in 1990 1709 396 276 232 (4) Q3 ... Gr 63 33 74 Examination of the Existing Primary Cable Pairs %2 #2 Rate 8 *i No.of Subs. Lines in 1983 92 20 477 33 က 10 20 13 6 Ξ Effective No. of Pairs (1)x0.7 =(2) 210 17.5 280 140 35 20 Total 300 200 400 25 20 100 No.of Primary Cable Pairs Existing 100 22 20 (12) Planned by SLTD 400 200 300 Table 4-9 (4/30) NAME OF EXCHANGE Passara Badalkumbura Lunugala Badulla Demodara Ettampitiva Glenalpin Haliela BUDULLA S.S.C. Padiyatalawa Mahaoya Mahiyangana Kandaketiya Bibile Madagama Monaragala Buttala Namunukula Madulsima Vellawaya $\frac{9}{2}$ Š က 4 'n တ တ 0 o S.S.C CODE BBL

 $\{\frac{2}{5}\}$ -(3)/ 3.7 53.4 284 (4) Demand In 1990 2627 436 Examination of the Existing Primary Cable Pairs %2 Rate **%** *1 No.of Subs. Lines In 1983 633 62 Effective No: of (1)x(5,7) 1680 280 Total 2400 400 No.of Primary Cable Pairs Existing 2400 400 Planned by SLTD Table 4-9 (5/30) NAME OF EXCHANGE BATTICALOA S.S.C. Valachchanai Batticaloa 0 N S.S.C CODE 8TC

Duration (Year) $\{\frac{2}{5}\}$ -(3)/ 2.5 .3 5.0 1.7 142 (4)-(3) /7=(5) 33 රා Demand in 1990 (4) 1450 60 327 401 88 %2 Occupied Rate 8 *1 No.of Subs. Lines in 1983 (3) 20 458 25 107 83 Effective No. of Pairs (1)x0.7 35 140 20 Total 20 1000 100 No.of Primary Cable Pairs 200 Existing 1000 100 20 200 Planned by SLTD BANDARAWELA S.S.C. NAME OF EXCHANGE Bandarawela Diyatalawa Ella Malwatta Haputale Haldummulla Welimada Gurutalawa Ampitikanda Koslanda $\frac{9}{2}$ N Ŋ 60 4 S.S.C 3000 8 N &

Examination of the Existing Primary Cable Pairs

Table 4-9 (6/30)

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

| S.S.C | ٥. | | No.of Pri | mary Cable | Pairs | Effective No. of | *1 No.of | %2 Occupied | Demand | Average | Duration (Year) |
|------------------|----|--------------------|--------------------|------------|-------|---------------------|----------|----------------|--------|---|--------------------|
| 3000 | ON | NAME OF EXCHANGE | Planned by SLTD | Existing | Total | (13x6°7 =(23) | | Ka te (%) | | \ \\\ \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\ | (2)-(3)/ |
| | | COLOMBO S.S.C. | | | | | | | | 2 | |
| CNT | | Angoda | | 300 | 300 | 210 | 126 | | 682 | 79 | 1.1 |
| : | 2 | Boralesgamuwa | <1500> | 300 | 1800 | 1260 | 06 | | 712 | 88 | 13.2 |
| | က | Colombo central | <29400> | 35200 | 64600 | 45220 | 15202 | | 50548 | 5049 | 5.9 |
| : - - - | 4 | Co-Havelock Town | <7200> | 13600 | 20800 | 14560 | 9012 | | 32830 | 3403 | 1.6 |
| : | Ŋ | Co-Maradana | <7200> | 14600 | 21800 | 15260 | 6548 | | 27818 | 3039 | 2.9 |
| | စ | Hokandara | 800 | 100 | 906 | 630 | 53 | | 580 | 75 | 7.7 |
| | 2 | Нотадата | | 200 | 200 | 140 | 115 | | 765 | 93 | 0.3 |
| | 80 | Ja-E1a | | 001 | 400 | 280 | 393 | | 1353 | 137 | 0.0 |
| | 6 | Kadawata | 2000 | 200 | 2200 | 1540 | 146 | | 1582 | 205 | 8.8 |
| | 10 | Kaduwela | 009 | 100 | 200 | 490 | 65 | | 1013 | 135 | 3.1 |
| | = | Kelaniya | 2200 | 600 | 2800 | 1960 | 693 | | 4660 | 295 | 2.2 |
| | 12 | Kotte | 8000 | 8000 | 16000 | 11200 | 2361 | | 16218 | 1980 | 4.5 |
| | 13 | Maharagama | 4000 | 009 | 4600 | 3220 | 355 | | 2625 | 324 | 8.8 |
| | 14 | Malwana (Biyagama) | 009 | | 600 | 420 | 29 | | 625 | 80 | 4.4 |
| | 15 | Moratuwa | | 1000 | 1000 | 100 | 872 | | 4347 | 486 | 0.0 |
| | 18 | Mount Lavinia | <10000> | 0069 | 16900 | 11830 | 4950 | | 18297 | 1907 | 3.8 |
| | 17 | Nusegoda | <0006> | 2400 | 11400 | 7980 | 2272 | | 11802 | 1361 | 4.2 |
| | 13 | 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 | √atta!a | | 700 | 100 | 490 | 448 | | 3068 | 374 | 0.1 |
| | 22 | Wellampitiya | 1200 | 400 | 1600 | 1120 | 219 | | 2795 | 368 | 2.4 |
| | 23 | Kolllupitiya | | | | | 1500 | | 6472 | 710 | 0.0 |
| | 24 | Mattakkuliya | <3600> | 1800 | 5400 | 3780 | 625 | | 2871 | 321 | 9.8 |
| | | | | | | | | | | | |

(2)-(3)/ Duration (Year) 20.0 2.2 0.4 Average Increase (4)-(3) /7=(5) G 23 ic 5 Demand in 1990 (4) 548 243 444 69 74 63 Examination of the Existing Primary Cable Pairs #2 Occupied Rate 8 188 43 က္ 88 20 77 Effective No. of (1)x0.7 105 17.5 1207.5 Total 1725 150 25 25 No.of Primary Cable Pairs Existing 325 150 25 25 Planned by SLTD 1400 Table 4-9 (8/30) NAME OF EXCHANGE Mundel Battaluoya Bdappu CHILLAW S.S.C Rajakadaluwa Bingiriya Marawiła Chillaw Madampe r N က ර S.S.C CODE CHA

(2/5)-(3)/ 5.8 9.2 9.4 13.9 0.8 33.4 20.1 27.7 ∞ 578 25 83 ĊΔ 25 26Demand in 1990 (4) 1068 218 242 5215 226 63 63 33 Examination of the Existing Primary Cable Pairs %2 Rate જ *1 No. of Subs. 9 276 1185 6 45 43 2 58 6.3 210 595 280 420 280 280 1540 280 Total 300 850 400 600 2200 400 400 400 No. of Primary Cable Pairs (1) တ Existing 850 2200 (100) σ (20) (20) (25) (22) (22) Planned by SLTD 300 400 400 009 400 400 Table 4-9 (9/30) NAME OF EXCHANGE Galle Dodanduwa Yakkalamulla GALLE S.S.C. Elpitiya Pitigala Ambalangoda Habaraduwa Ahangama Talgaswela Baddegama Kosgoda maduwa Udugama 200 A) က 4 വ ဖ œ ග S.S.C. CODE GLE

(2)-(3)/7 0.0 2.4 0.0 2.8 (Year) (4)-(3) 257 99 39 29 22 Demand In 1990 3 2318 319 107 265 802 3 Examination of the Existing Primary Cable Pairs Occupied Rate 8 *1 No.of Subs. Lines: In 1983 516 48 တ 20 59 141 Effective No: of Pairs (1)x0.7 =(2) 2.10 875 17.5 140 35 Total 1.250 0 200 300 No.of Primary Cable Pairs 50 25 Existing 1250 200 300 25 10 20 Planned by SLTD Table 4-9 (10/30) NAME OF EXCHANGE Gampaha Urapola Ganemulla Kalagedihena Mirigama Kotadeniyawa GAMPAHA S.S.C. Veliveriya Kirindiwela Pasyala Kaleliya Pallewela Veyangoda 2 m C.Jr 'n ဗ N S.S.C 3000 E

Duration (Year) $\{\frac{2}{5}\}$ -(3)/ 19.8 24.8 19.0 16.8 50.0 54.3 19.8 30.8 5.99 15.8 22 ග **[-**ŝ 26 28 50 = 13 (4) 466 194 107 85 230 229 22 36 387 28 101 Ξ 41 Examination of the Existing Primary Cable Pairs 0ccupied Rate 8 *1 No.of Subs. Lines in 1983 38 13 07 ŝ 2 12 22 23 21 45 44 Effective No. of Pairs (1)xx0.7 420 105 469 245 609 154 560 455 945 420 Total 870 009 350 220 300 009 250 350 800 650 1350 150 No. of Primary Cable Pairs (1) (20) (20) Existing 200 400 100 100 350 220 150 Planned by SLTD 250 870 600 300 800 450 950 500 570 350 Table 4-9 (11/30) NAME OF EXCHANGE Angunakolapelessa HAMBANTOTA S.S.C. Thimbolketiya Tissamaharama Embilipitiya Ambalantota Hungama Tanamalwila Weeraketiya Walasmulla Hambantota Kataragama Middeniya Tangalle Beliatta 2 10 12 33 က C) ന 57 ß ထ œ S.S.C ₩ ₩

Duration (Year) $\binom{2}{5}$ -(3)/ 0.7 0 0.0 0.0 0 Average Increase (4)-(3) /7=(5) 5 ~ ဗ တ 121 3 Demand in 1990 145 128 257 (4) 147 1259 5 99 Examination of the Existing Primary Cable Pairs 0ccupied Rate 89 40 22 43 46 411 13 40 Effective Nairs (1)x0.7 =(2) 18.9 18.9 35 35 70 490 Total 100 700 50 50 27 No.of Primary Cable Pairs 27 Existing 100 700 20 22 50 27 Planned by SLTD Table 4-9 (12/30) NAME OF EXCHANGE Norton-Bridge Watawala Ginigathena HATTON S.S.C. Tillicountry Agarapatana Pundaluoya Natton Vatagoda Upcot 20 ~ က Ŋ ø S. S.S.C 3000 I IN

| | Duration (Year) | (2)-(3)/ | | 18.2 | 0.3 | 8.8 | 10.4 | 3.0 | 10.9 | 20.3 | 22.8 | 12.1 | 18,8 | | i | | |
|-------------------|---------------------|--|---------------|----------------|--|--|--------------------------------|-------------|--------|----------------------|------------------------------------|---|--|---|---|--|--|
| | Average | \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\ | | 49 | 1222 | 130 | 59 | 75 | 10 | 3 | 10 | 62 | 49 | | | | |
| Pairs | Demand | (4) | | 433 | 10657 | 1098 | 499 | 651 | 101 | 33 | 88 | 526 | 404 | | | | |
| Cable Pa | #2 Occupied | , ka Le (%) | | | : . | : | | | | | · | | | | | | |
| Primary (| *1 No.of Subs. | | | 06 | 2102 | 189 | 89 | 124 | 31 | 6 | 17 | 91 | 59 | - | | | |
| Existing | Effective No. of | $(\frac{1}{2})^{\times 0.7}$ | | 086 | 2310 | 1330 | 700 | 350 | 140 | 70 | 245 | 840 | 980 | | | | |
| of the | Pairs | Total | | 1400 | 3300 | 1900 | 1000 | 500 | 200 | 100 | 350 | 1200 | 1400 | | | | |
| mination | rimary Cable 1) | Existing | | (100) | 3300 | (20) | (20) | (150) | (20) | (6) | (25) | | | | | | |
| Exa | No.of Pri | Planned by SLTD | | 1400 | | 1900 | 1000 | 500 | 200 | 100 | 350 | 1200 | 1400 | | | | |
| Table 4-9 (13/30) | | NAME OF EXCITANGE | JAFFNA S.S.C. | Chavakachcheri | Jaffna Atchchuvely Chunnakam Kopay Manipay | Karaveddy Point-pedru Valvetiturai | Kayts Karainagar Velanai | Kilinochchi | Pallai | Pooneryn Punakari | Punkuddutivu Delft Nainativu | Sitankerni Pandateruppu Vaddukkokai | Tellipallai Alaveddi Kandesanturai | | | | |
| | 2.8.8 | CODE NO | | JFN I | 2 | દ | ħ | 5 | မွ | 2 | 8 | 8 | 10 | | | | |

Duration (Year) $\binom{22}{5}$ -(3)/ 4.8 2:0 Average Increase (4)-(3) /7=(5) 183 9 Demand In 1990 (4) 553 1484 Examination of the Existing Primary Cable Pairs Occupied Rate 3 135 345 420. 665 fotal 950 No.of Primary Cable Pairs Existing 60.0 950 Planned by SLTD Table 4-9 (14/30) NAME OF EXCHANGE KALMUNA! S.S.C. Akkarapattu Kalmunai N S.S.C 3000 C00E Ж Г.

| | Average Duration Increase (Year) | \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\ | | 32 0.8 | 23 9.5 | 21 7.7 | 78 3.0 | 1226 0.0 | 230 1.4 | 11 16.4 | 228 0.5 | 53 5.2 | 29 2.5 | 126 1.3 | 17 9.3 |
|-------------------|----------------------------------|--|--------------|--------|-----------------------------|--------|----------------------------|--|---------------------------------------|-----------|---|----------------------------------|---------------------------------|---------|------------|
| rs | Demand A | | | 341 | 224 | 199 | 733 | 10971 | 1991 | 104 | 2138 | 516 | 274 | 1269 | 172 |
| Cable Pairs | %2 0ccupied | %) (%) | | | | | | | | | | | | | |
| Primary C | *1 No.of | L1 1 1 983 | | 114 | 19 | 49 | 185 | 2389 | 379 | 30 | 540 | 145 | 89 | 390 | 52 |
| Existing E | Effective No: of | (1)x9.7 =(2) | | 140 | 280 | 210 | 420 | 2380 | 700 | 210 | 665 | 420 | 140 | 260 | 210 |
| of the E | Pairs | Total | | 200 | 400 | 300 | 009 | 3400 | 1000 | 300 | 950 | 009 | 200 | 800 | 300 |
| ination c | jmary Cable | Existing | | 200 | 400 | 300 | 009 | 3400 | 1000 | 300 | 950 | 009 | 200 | 800 | 300 |
| Exami | No.of Pri | Planned by SLTD | | | | | | | | | | | | | |
| Table 4-9 (15/30) | | NAME OF EXCHANGE | KANDY S.S.C. | Digana | Galagedara Hataraliyadda | Galaha | Kaduhammava Menikdiwela | Kandy Gurudeniya Medamahanuwara Talatuoya | Katugastota Akurana Warallagama | Madulkele | Peradeniya Daulgala Gelioya Murutalawa | Wattegama Elkaduwa Panwila | Rikillagaskada Hanguranketha | Сащроїа | Pussellava |
| | 3·c | NO. | | I | 2 | 3 | 4 | လု | 9 | 2 | ∞ | o> | 10 | | 12 |
| | S.S | CODE | | KND | : | | | | | | | | | | |

Duration (Year) $\{\frac{2}{5}\}$ -(3)/. € 15.5 10.4 3.9 22.8 19.8 43.0 9.2 9.0 8.4 32.3 17.0 Average 303 5 23 6 33 55 S. ယ 25 2 24 300 112 199 213 175 177 489 2832 510 154 (4) 99 30 Examination of the Existing Primary Cable Pairs %2 | Occupied | | Rate 3 40 46 29 9 714 24 7 Ϊ 127 44 22 161 Effective No. of Pairs (1)x0.7 595 910 1.40 245 560 280 280 140 280 280 280 350 400 1300 200 400 200 350 800 009 400 850 No.of Primary Cable Pairs (1) (100) (100) Existing (100) (100) (100) (382) 400 1300 (30)Planned by SLTD 400 200 400 500 350 0.00 009 400 850 200 800 Table 4-9 (16/30) NAME OF EXCHANGE Ridigama Dodangaslanda Gokarella Rambadagalla S.S.C. Kurunegala Ibbahamuwa Kobi lagedara Maspotha Mayathagama Pothuhera Nikadalupotha Nikaweratiya Kuliyapitiya Hettipola Kobaigana Variyapola Polgahawela Alawwa Narammala Katupotha Pannala Gonawila KURUNEGALA Galgamuwa Giriulla Maho 0.1 $\frac{1}{2}$ Ų က 4 'n 9 (·-œ o, S.S.C CODE KRG

Duration (Year) (2)-(3)/ 0 0 7 22.3 9.8 20.9 (2)-(3) 170 230 တ ි 57 Demand in 1990 3 1609 2208 63 82 6 Examination of the Existing Primary Cable Pairs %2 0ccupied Rate 3 *1 No.of Subs. Lines in 1983 177 417 Ö 33 22 601 Effective No. of (1)x0.7 210 210 420 1400 Total No.of Primary Cable Pairs 1100 009 2000 300 300 Existing 009 1100 200 (20) Planned by SLTD 1800 300 300 300 Table 4-9 (17/30) NAME OF EXCHANGE KALUTARA S.S.C. Bulathsinghala Mahagama Matugama Agalawatta Latpandura Welipanna Migahatenna Neboda Tebuwana Kalutara Bentota 0 N က် m တ S.S.C. CODE KLT.

Duration (Year) $\binom{2}{5}$ -(3)/ 20.9 10.5 31.3 14.9 26.8 23.8 15.3 9 ۲, 39 (4)-(3) တ 104 Ŋ 40 က Demand in 1990 (4) 1046 58 368 - T* 325 175 28 82 Examination of the Existing Primary Cable Pairs #2 Occupied **%** 319 21 1.0 5 20 22 62 Effective No. of Pairs (1)x0.7 =(2) 140 210 140 630 490 1407 Total 200 700 200 900 300 2010 0.0.0.1 No.of Primary Cable Pairs Existing (21) 610 200 100 100 (25)(22) Planned by SLTD 200 .009 300 1400 200 800 800 Table 4-9 (18/30) NAME OF EXCHANGE KEGALLE S.S.C. Kotiyakumbura Nelundeniya Waraƙapola Rambukkana Undugoda Mayanella Aranayake Kegalle 2 ဖ വ ò က S.S.C CODE KGL

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

| Buration (Year) | (2)-(3)/ | | 1.6 | 0.0 | 1.4 | 0.0 | 0.0 | | | | | | | | | |
|---------------------|--------------------|---------------|---------|---------------------------|---------|-------------|------------------------|------------|---------------|--------------------------------------|--|--------|--|--|--|--|
| Average | (4)-(3) | | 4 | 63 | 4 | 80 | 2 | 2 | 8 | 14 | | | | | | |
| Demand | | | 39 | 583 | 41 | 74 | 51 | 17 | 28 | 125 | | | | | | |
| #2 Occupied | Rate (%) | | | | | | | | | | | | | | | |
| 0 | nes 1983 (3) | | 11 | 142 | 12 | 2.1 | 14 | 2 | 10 | 24 | | | | | | |
| Effective No. of | (1)x0.7 =(2) | | 17.5 | 140 | 17.5 | 17.5 | 8.6 | | | | | | | | | |
| Pairs | Total | | 25 | 200 | 25 | 25 | 14 | | | | | | | | | |
| mary Cable | Existing | | 25 | 200 | 25 | 25 | 14 | | | | | | | | | |
| No.of Pri | Plagned | | | | | | | | | | | | | | | |
| | NAME OF EXCHANGE | MANNAR S.S.C. | Adampan | Mannar Errukkalampiddi | Pesalai | Talaimannar | -Uyilankulam Nantan | Vidalativu | Chillavathura | Murunkan Nadu road Madu Church | | | | | | |
| 3. | NO. | | 1 | N | အ | 4 | 2 | 9 | 7 | 8 | | | | | | |
| s.s. | CODE | | MNR | | | | : | | | | | - : | | | | |

| no < | 33/ | | 7. | | တ | | ထ | ဇာ | | | | | | | | | | | 1 |
|---------------------|---|---|---|--|---|--|---|---|--|---|--|--|--|--|--|--------|--|--|--|
| Durat | (23)-(| | S. | | 15 | | 6 | 13 | | | | | | | | | | | |
| Average Increase | (4)-(3) | | 26 | 9 | 12 | 220 | 88 | 18 | | | | | | | | | | | , |
| | | | 259 | 4.8 | 100 | 2105 | 341 | 162 | | | | | | | | | | | |
| \$2 0ccupied | na te | | | | | | | | | | | * | | | | | | | |
| ٥ ٿ | | | 76 | | 6.1 | 567 | 70 | 35 | | | | | | | | | | | |
| Effective No: of | $(1)^{*0}_{*0}$? | | 210 | | 210 | | 210 | 280 | 140 | | | | | | | | | | |
| Pairs | Total | | 300 | | 300 | - | 300 | 400 | 200 | | | | | | | | 1. 1. | | |
| Cabl | Existing | | 300 | | (27) | 1000 | (25) | (27) | | | 1 | | | | | | | | |
| No.of Pri | Planned by SLTD | | | | 300 | | 300 | 400 | 200 | | | : | | , | | | | 3 21 2 20 2 2 | |
| | NAME OF EXCHANGE | MATALE S.S.C. | Dambulla Hobarana | Elahara Bakamuna | Mahayela Nadipola Madawala Ulpotha | Matale Aukumbura Alawatugoda | Naula Galewela Kimbissa Nalanda | Rattota Gammaduwawa Laggala Masua Eliya | Wilgomuwa | | | | | | | | | | |
| ٠. | 0N | | | 7 | ო | 4 | ιo | g | - | | | | | | | | | | |
| 8.8 | CODE | | MTL | : | | | | | | | | | | ** | | | | : : | |
| | .S.C *1 No.of Primary Cable Pairs Effective *1 No.of *2 Demand Average No. of Subs. Occupied in Increas | S.C No.of Primary Cable Pairs Effective *1 No.of *2 Demand Average Increase No. of Subs. Rate 1990 (4)-(3) No. of No. of | S.C No. of Primary Cable Pairs Effective *1 No. of Subs. Subs. Rate 1990 (4)-(3) 1983 (4) (4) (5) 1980 (4) (5) (4) (5) (4) (5) (4) (5) (4) (5) (4) (5) (4) (5) (4) (5) (4) (5) (4) (5) (4) (5) (4) (5) (4) (5) (4) (5) (6) (6) (6) (6) (6) (6) (6) (6) (6) (6 | S.C No. of Primary Cable Pairs Effective *1 No. of Occupied Average No. of Subs. Occupied Increase In | S.C MAME OF EXCHANGE Planned by SLTD Existing Total Total 1/2 for 10 mode of mode of substants 1/2 for 10 mode | S.C No.of PI mary Cable Pairs Effective No.of Pulse #1 No.of Subs. Poccupied Pairs #1 No.of Subs. Poccupied Pairs Pommand Pairs Pairs #1 No.of Subs. Poccupied Pairs Pommand Pairs Pom | No. of Primary Cable Pairs Effective #1 No. of Occupied No. of Primary Cable Pairs No. of Subs. Subs. | No. of Primary Cable Pairs Effective #1 No. of Subs. Subs. Such Planned Average Subs. Subs. Such Planned Average Subs. Subs. Such Planned Subs. Subs. | No. of Primary Cable Pairs Effective #1 No. of Primary Cable Pairs Effective #2 No. of Primary Cable Pairs No. of Prim | S.C NAME OF EXCHANGE Planed by Sing b | Name of Exchange No. of Primary Cable Pairs Effective 1900 190 | NAME OF EXCHANGE Planned Rairs Effective #180.0f Effective | No. of Pinary Cable Pairs Effective #19.0 of Subscripted 1980 19 | State Stat | State Stat | No. of | State Stat | State Stat | State No. of Pijmary Cable Pairs Efficience Efficience |

Duration (Year) $\{\frac{2}{5}\}$ -(3)/ 8.0 0.5 0.7 2.4 2.8 0.8 က လ 22 14 287 14 23 2 Demand in 1990 () 180 205 139 203 2777 463 36 74 60 56 Examination of the Existing Primary Cable Pairs Occupied Rate (%) *1 No. of Subs. Lines in 1983 (3) 55 54 38 32 32 55 ∞ 768 18 20 3 1,7 Effective No: of Pairs (1)x0.7 35 35 35 17.5 1575 17.5 140 70 Total No. of Primary Cable Pairs 100 100 20 20 100 0 200 25 2250 20 25 Existing 100 901 20 20 100 25 200 25 2250 10 Planned by SLTD Table 4-9 (21/30) NAME OF EXCHANGE Kamburupitiya MATARA S. C. Telijjawila Kottegoda Dikvella Akuressa Deniyaya Morawaka Urubokka ₩iligama Hakmana Matara 0 ~ က် ď ın æ 00 **~** က S.S.C CODE MT8

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

| - | | ~~~ | | **** | | | نجنحم | | *** | سنسم | ستنسخ | خسم | j e i | | | تعسمم | , | | |
|---------------------|--|--------------------|------------|-----------|---------|--------------|-------|---|-----|----------|-------|-----|------------------|----------|------|-------|-------------|-------------|-------------|
| Duration (Year) | (2)-(3)/ | | | | | 3.3 | | | | | 1,3 | | | a r t | | | | | |
| | - | | 2 | 4 | රා | 80 | | | | , | | | | | | | | | |
| Average | \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\ | | | | | | | | - | | | | | | | | | | |
| | (4) | | 20 | 49 | 82 | 754 | | | | | | | | 2 m 2 | | | 3 5 5 | | |
| 0ccupied | Kate (%) | | | | | | | | | | | | | | | | | | |
| 0. | ines n 1983 (3) | | 7 | 19 | 18 | 191 | | | | | | | | - A | A-2- | | | | |
| Effective No. of | (1)x0.7 =(2) | | 7 | 18.9 | 17.5 | 455 | | | | | | | | | | | | | |
| Pairs | Total | | 10 | 27 | 25 | 650 | | - | | | | | | | | | | | |
| mary Cable | Existing | | 10 | 27 | 25 | 650 | | | | | | | | | | | | | |
| No.of Pri | Planned by SLTD | | | | | | | | | | | | | | | | | | |
| | NAME OF EXCHANGE | NAWALAPITIYA S.S.C | Craig Head | Dolosbage | Kotmale | Nawalapitiya | | | | | | | | | | | | | |
| D C | NO. | | 1 | લ | 8 | 4 | | | | | | | | | | 0/ I | 1 | | |
| S.S.C | 3000 | | NVL | | | | | | | | | | | | | | | | |

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

| E C | | Ī | 0 | | | 2 | 9 | 3 | 153 | Γ | | <u> </u> | Γ | | Γ | | | Γ | | - | T |
|---------------------|--------------------|----------------|-----------|----------|------------|---------|---------|--------------|--------------------------|---|---|----------|---|----------|---|--|--|---|---|---|------|
| Duration (Year) | (2)-(3)/ | | 15.0 | 7.7 | | 5.2 | 1.6 | 44.3 | 18. | | | | | | | | | | | | |
| Average | (4)-(3) | | 13 | 53 | 270 | 75 | 768 | 9 | 24 | | | | | | | | | - | | | |
| Demand | ٠. | | 109 | 452 | 2404 | 624 | 6528 | 58 | 218 | | : | | | | | | | | | | |
| %2 Occupied | Kate (%) | | | | | | | | | | | | | | | | | | | | |
| *1 No.of Subs. | in 1983 (3) | | 15 | 83 | 517 | 66 | 1163 | 14 | 1.5 | | | | | | | | | | | | |
| Effective No. of | (1)×0.7 =(2) | | 210 | 490 | | 490 | 2380 | 280 | 490 | | | | | | | | | | | | |
| Pairs | Total | | 300 | 1007 | | 200 | 3400 | 400 | 700 | | | | | - | | | | | | | _ |
| mary Cable | Existing | | | 100 | | 100 | 1400 | (20) | 100 | | | | | | | | | | | | |
| No.of Prin | Planned by SLTD | | 300 | 009 | | 0.09 | 2000 | 400 | 800 | | | | | | | | | | | | |
| | NAME OF EXCHANGE | NEGOMBO S.S.C. | Badalgama | Dunagaha | Katunayake | Lunwila | Negombo | Sandalankawa | Kochchikade Dankotuwa | | | | | | | | | | - | | |
| U | 0.0 | | | 2 | က | Ф | Ŋ | 9 | | | | | | | | | | | | | |
| S.S.C | 3000 | | NGM | | | | | | | | | | | | | | | | | | |

Duration (Year) (2)-(3)/ 0.2 0.5 ... ∞ 0.3 7.4 ₩ 80 3 9.2 Average Increase (4)-(3) /7=(5) 7 တ 20 28 9 194 22 N Demand in 1990 (4) 150 99 1989 8 08 188 289 20 221 Examination of the Existing Primary Cable Pairs 0ccupied Rate € • 30 48 93 30 20 13 64 Effective No: of (1)x0.7 =(2) 52.5 18.9 210 32 980 20 140 350 Total 3 300 200 500 1400 100 No.of Primary Cable Pairs 20 27 Existing 1400 100 100 200 200 75 20 23 Planned by SLTD 200 300 Table 4-9 (24/30) NUWARA-ELIYA S.S.C NAME OF EXCHANGE Maturata Padiyapelella Watumulla Nildandahinna Udapussallawa Bagawantalawa Nuwara Eliya Halgranoya Talawakele Maskeliya Ramboda <u>Q</u> N ę 4 Ŋ တ ∞ ဌာ S.S.C CODE & |} |

Duration (Year) $\binom{2}{5}$ -(3)/ 13.5 7.1 (4)-(3) 24 50 Demand in 1990 (4) 262 556 Examination of the Existing Primary Cable Pairs Occupied Rate 3 *1 No.of Subs. Lines In 1983 96 204 Effective No. of (1)xi5.7 =(2).7 420 560 Total 900 No.of Primary Cable Pairs 800 Existing 009 800 Planned by SLTD Table 4-9 (25/30) POLONNARUWA S.S.C. NAME OF EXCHANGE Hingurakgoda Polonnaruwa 20 S.S.C 3000 <u>...</u>

Duration (Year) $\binom{2}{5}$ -(3)/ 0.5 15.7 (4)-(3) /7=(5) 7 327 Demand in 1990 (4) 714 3038 Examination of the Existing Primary Cable Pairs %2 | Occupied | Rate 8 Subs. Subs. Lines. (3) 751 217 910 1330 Total No.of Primary Cable Pairs 1900 1300 Existing 300 1300 Planned by SLTD 1600 Table 4-9 (26/30) NAME OF EXCHANGE PANADURA S.S.C. Panadura Bandaragama Horana Govinna Ingiriya 2 cv) S.S.C CODE PND

Duration (Year) $\{\frac{2}{5}\}$ -(3)/... 0.1 Average Increase 77 .10 0 ø Demand in 1990 (4) 88 673 82 44 ~~i Table 4-9 (27/30) Examination of the Existing Primary Cable Pairs 0ccupied Rate **%** *1 No.of Subs. Lines -n 1983 82 12 က 귝 134 Effective No. of (1) x0.7 140 25 17.5 Total 200 35 No.of Primary Cable Pairs Existing 200 35 25 Planted by Stro NAME OF EXCHANGE PUTTALAM S.S.C. Madurankuli Anamaduwa Kalpitiya Puttalam Mampuri 0 2 S.S.C CODE PTL

Duration (Year) $\binom{2}{5}$ -(3)/ 3.6 11 4 14.0 20.3 7.4 6 0 2 Average (4)-(3) 274 23 Ó හ 6 5 7 Demand in 1990 **4** 225 202 2263 80 214 39 80 761 Examination of the Existing Primary Cable Pairs %2 Occupied Rate 8 *1 No.of Subs. Lines in 1983 9 39 342 8 65 14 81 Effective No. of Pairs (1)x0.7 700 542.5 210 140 210 700 20 350 Total 1000 100 300 200 300 775 1000 500 No.of Primary Cable Pairs Existing 775 400 100 20 20 (25)Planned by SLTD 300 009 100 300 200 400 Table 4-9 (28/30) NAME OF EXCHANGE RATNAPURA S.S.C. Pelmadulla Atakalampanna Kahawatta Bambarabotuwa Rakvana Godakavala Kolonne Nivitigala Ratnapura Kuruwita Balangoda Kalawana Kiriella വ ଧ ŝ တ œ ಆ S.S.C CODE RIN

 $\{\frac{2}{5}\}$ -(3)/ 12.2 29.0 86.5 29.6 101.5 2.3 20.1 3 12 N c) က Ġ ರಾ ~ N 141 Demand in 1990 1498 (4) 123 28 73 -11 2 22 1,7 22 20 181 Examination of the Existing Primary Cable Pairs %2 Occupied Rate 8 13 ත Ω. 512 ເດ 14 ٣-39 **(**--~ 43 Effective No: of (1)x0.7 280 280 840 280 280 140 210 Total No.of Primary Cable Pairs 400 400 200 400 400 300 1200 Existing (22) (21) (20) 1200 (8) Planned by SLTD 400 200 400 400 300 400 Table 4-9 (29/30) TRINCOMALLEE S.S.C NAME OF EXCHANGE Moraveva Gomarankadavela Pulmudai Padavisipura Тһапра!акапап Kuchchaveli Trincomalee China-Bay Kinniya Kiliveddi Nilaveli Seruwila Tuppur Kantalei Mutur 9 Č ~ က ₩ L) Ó œ ರಾ 10 S.S.C 3000 TRN

Duration (Year) $\binom{2}{5}$ -(3)/ ώ Ω **∞** 12.9 5.5 20.3 (4)-(3) 112 9 24 9 က Demand in 1990 134 205 138 (4) 30 994 Examination of the Existing Primary Cable Pairs %2 Occupied Rate 8 *1 No. of Subs. Lines in 1983 213 40 23 6 29 Effective No. of Pairs (1)x0.7 1172.5 350 105 20 105 Total 500 150 1675 100 150 No.of Primary Cable Pairs Existing 100 275 Planned by SLTD 400 150 100 1400 150 Table 4-9 (30/30) NAME OF EXCHANGE Nedunkerni Puthkudiruppu Oddichudan Mulliyawalai VAVUNIYA S.S.C. Mankulam Tunukai Yogapuram Vavuniya Omantai Mulativu Padaviya 9 2 N က S Ϥ S.S.C CODE ٧N٧

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

| | | 8 | , 600 | 40 | 75 | 00 | 50 | 7.5 | 25 | ,750 | ,935 | 9 | 79 | 50 | ,250 | , 050 | 8 |
|---------|------------------|-------------|--------|-------------|---------|------------|-------------|---------|--------|--------|---------|------------|--------|--------|----------|--------|------------|
| 3 CH200 | TOTAL | 15,200 | 3,6 | 9,304 | 11,975 | 14,000 | 10,750 | 910,975 | 6,025 | 39,7 | 16,9 | 10,560 | 10,079 | 66,850 | 10,2 | 103,0 | 25,300 |
| III | 2000 | 6,300 | 1,600 | 4,500 | 5,300 | 5,900 | 5,200 | 398,500 | 1,900 | 18,300 | 7,500 | 3,300 | 4,500 | 30,400 | 5,300 | 56,800 | 10,800 |
| ĦĦ | 1995 | 2,400 | 1,100 | 1,200 | 3,300 | 2,900 | 2,500 | 250,400 | 700 | 8,300 | 3,900 | 100 | 2,300 | 15,000 | 1,000 | 18,500 | 5,000 |
| | 0661 | | | | | : | | 17,500 | | | | | | | | 400 | 2,700 |
| | 1989 | | | 1,500 | 1,700 | | 1,200 | 009,7 | | 7,600 | | | | 400 | 2,400 | 1,000 | : |
| PHASE-I | 1988 | | , | | | 2,400 | | 26,800 | | : | | | | | | 16,900 | |
| | 1987 | | | | | | | 19,400 | 1,500 | | | | | | | 200 | |
| | 1986 | | | 400 | 600 | : | 200 | 13,900 | | | 3,700 | | 2,300 | 9,700 | | 200 | |
| | 20116149 | 006 | 006 | 604 | 175 | 2,800 | 1,350 | 87,775 | 525 | 3,050 | 1,835 | 1,520 | 979 | 3,300 | 1,550 | 050'6 | 1,700 |
| PLANNED | BY SLTD | 5,600 | | 001'1 | 006 | , | | 89,100 | 1,400 | 2,500 | ÷ | 5,640 | | 8,050 | | | 5,100 |
| C U | ; ; ; ; | ANURADAPURA | AMPARA | AVISSAWELLA | BADULLA | BATTICALOA | BANDARAWELA | согомво | CHILAW | GALLE | GAMPAHA | HAMBANTOTA | HATTON | JAFFNA | KALMUNAI | Kandy | KURUNEGALA |

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

| | TOFAL | 21,800 | 014.6 | 682'9 | 14,300 | 20,230 | 4,512 | 46,500 | 14,352 | 3,900 | 17,300 | 4,660 | 19,075 | 9,700 | 7,675 | 1,464,906 |
|---------|---------|----------|---------|--------|--------|--------|--------------|---------|--------------|-------------|----------|----------|-----------|-------------|----------|-----------|
| III | 2000 | 9,100 | 3,600 | 1,500 | 6,100 | 8,100 | 1,600 | 20,000 | 8,000 | 1,700 | 7,800 | 1,500 | 8,600 | 3,700 | 2,300 | 649,700 |
| H | 1995 | 4,200 | 008 | | 3,500 | 5,100 | 006 | 12,000 | 2,900 | 800 | 3,500 | | 4,100 | 1,900 | 1,400 | 395,500 |
| | 1990 | | - | 2,800 | 2,100 | | | | 100 | | : | 2,700 | | 008 | | 29,100 |
| | 1989 | 3,900 | | 1,100 | | | | 8,400 | | | | | | | | 36,800 |
| PHASE-I | 1988 | | | | : | | | | | | | | 2,200 | | | 48,300 |
| | 1987 | | | | : | | 1,300 | | | : : | 2,800 | | | | - 1,400 | 26,600 |
| | 1986 | | | 1,100 | 100 | 4,100 | | | 700 | | | 200 | | : | ; | 37,500 |
| | EXISING | 1,900 | 1,010 | 289 | 1,300 | 2,390 | 712 | 1,600 | 2,152 | 1,400 | 1,600 | 260 | 1,275 | 1,200 | 375 | 136,016 |
| PLANNED | BY SLTD | 2,700 | 4,300 | | 1,200 | | | 4,500 | 200 | | 009'I | | 2,900 | 2,100 | 2,200 | 141,390 |
| | S.S.C. | KULUTARA | KEGALLE | MANNAR | MATALE | MATARA | NAWALAPITIYA | NEGAMBO | NUWARA-ELIYA | POLONNARUWA | PANADURA | PUTTALAM | RATNAPURA | TRINCOMALEE | VAVUNIYA | TOTAL |

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

| 1 | PIIASE 111 | 2000 | | 4400 | 489 | | | | | 006 | 400 | 200 | | 6300 | | | 1600 | | 1600 | - | | | | |
|---|------------------|--------------------|-------------------|-------------|----------|------------------|-------------|-------------------|---------------|----------|-----------------|----------------|--------------|-------------|---|---------------|--------|---|-------|---|---|---|--|--|
| 2 | PIIASE 11 | 1995 | | 2200 | 500 | | | | | | | | | 2400 | | | 1100 | | 1100 | | - | | | |
| | | 1990 | | | | | | | | | | | | | | | | | | | | | | |
| | | 1989 | | | : | | | | | | | | | | | | | | | | | | | |
| | PIIASE | 1988 | | | | 7. | | | | | | | | | | | | | | | | | | |
| | | 1987 | | | | | 1 | | | | | | | | | | | | | | | | | |
| | | 1.986 | | | | | | | | | | | | | | | | | | | | | | |
| | PRIMARY CABLE | EXISTING | | 006 | 1 | | | | | (75) | | | | 900 (75) | | | 006 | | 006 | | | | | |
| | PRIMAR | SLTD | | 2200 | 300 | 200 | 300 | 400 | 200 | 800 | 400 | 200 | 900 | 5600 | | | | | | | | | | |
| | | 2000 | | 7410 | 641 | 153 | 182 | 394 | 220 | 1205 | 546 | 220 | 163 | | | | 2677 | | 2677 | | | | | |
| | DISTRIBUTION | 1995 | | 3993 | 347 | 88 | 88 | 212 | 119 | 651 | 294 | 119 | 88 | | | | 1442 | | 1442 | | | · | | |
| | DEMAND DISTR | 1990 | | 2112 | 184 | 77 | 52 | 112 | 63 | 344 | 156 | 83 | 47 | | _ | | 763 | | 763 | | | | | |
| | 130 | 1985 | : | 1092 | 96 | 23 | 27 | ස | 33 | 179 | .81 | æ | 24 | | | | 394 | | 394 | | | | | |
| | NAME OF EYCHANCE | WALL OF LACIFAINOR | ANURADAPURA S.S.C | ANURADAPURA | EPPAWALA | GALENBINDUNUWEWA | HOROWPATANA | KAGATAGASDIGLLIYA | KEBITIGOLLEVA | KEKIRAWA | MEDAWACIICILIYA | NOCIICHTYAGAMA | TAMBUTTEGAMA | Total | | AMPARA S.S.C. | AMPARA | | Total | | | | | |
| | | NO. | 1 | 1 | 7 | က | 막 | വ | 9 | 7 | 8 | 6 | 10 | | | | 1 | | | | | | | |
| | S.S.C | C00E | ANR | | | | | | | | | | | | | AMR | | : | | | | | | |

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

No. 2

| PIIASE 111 | 2000 | entre des series de la company | 1600 | 200 | | 006 | | 1200 | 009 | | 4200 | | 3200 | | | | 009 | | | 300 | 700 | 006 | | 5200 | | |
|---------------------|-------------------|--------------------------------|-------------|-----------------|--------------|-------------|------------|----------------|------------|-----|-------------|----------------|---------|--------|---|-----------|------------|------------|--------------|---------|-----------|-------------|---|-------|---|--------|
| PHASE 11 | 1995 | | | | | 909 | | 400 | 200 | | 1200 | | 1600 | | | | 1000 | | | 400 | | 300 | | 3300 | | |
| | 1990 | | | | | | | | | | | | | | 1 | | | | | | | | | | | |
| | 1989 | | 1200 | | | | 1 | | 300 | | 1500 | | 1300 | | | | | 98 87 | 200 | | | | | 1700 | | |
| PHASE | 1988 | | | | | | | | | . 7 | | | | | | | | | | | | | | | 2 2 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | |
| | 1987 | | | | | | | | | | 1 | | | | | | | | | | | | 7 | | | |
| | 1986 | | | | - | 400 | 2 | | | | 400 | | : | | : | | 400 | | | 200 | | | | 009 | | |
| PRIMARY CABLE | EXISTING | | 220 | (22) | (20) | 54 | (18) | | | | 604 (95) | | | (12) | | | 25 | 50 | | 100 | | | | (31) | | |
| PR IMAR | SLTD | : | - | 100 | 300 | : | 100 | 009 | | | 1100 | | | 400 | 200 | 300 | | | | | 1,511 | | | 300 | | |
| | 2000 | | 2448 | 163 | 316 | 1435 | 134 | 1636 | 1001 | - | 7223 | | 2836 | 403 | 29 | 144 | 1387 | 239 | 135 | 898 | 259 | 813 | | | | |
| RIBUTION | 1995 | | 1320 | 88 | 170 | 774 | 73 | 882 | 589 | | 3886 | | 3232 | 217 | 16 | 78 | 747 | 129 | 73 | 522 | 140 | 438 | | | | |
| DEMAND DISTRIBUTION | 1990 | | 669 | 47 | 06 | 410 | 39 | 468 | 312 | | 2065 | | 1709 | 115 | 6 | 41 | 396 | 69 | 33 | 276 | 74 | 232 | - | | | |
| 0 | 1985 | | 362 | 24 | 47 | 213 | 20 | 242 | 161 | | 1069 | | 882 | 09 | 5 | 22 | 205 | 36 | 21 | 143 | 38 | 120 | | | | : - |
| NAME OF EVCUANCE | NAME OF CACIOANGE | AVISSAWELLA S.S.C | AVISSAWELLA | BULATKOHUPITIYA | DERANIYAGOLA | EHALIYAGODA | KITHULGALA | KOSGAMA | RUWANWELLA | | Total | BADULLA S.S.C. | BADULLA | BIBILE | KANDAKETIYA | MADULSIMA | MONARAGALA | NAMUNUKULA | PADIYATALAWA | PASSARA | WELLAWAYA | MAHIYANGANA | | Total | | |
| S.S.C | ON . | | - | 2 | အ | 4 | 5 | g _i | 7 | | | | | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 6 | 10 | | | | |
| S. | CODE | AVS | | | | | | | | | | 80F | | | | | | - | | | : | | | | | ; |

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

| ٥ ا | PIIASE 111 | 2000 | | 2500 | 400 | | 2300 | | | 100 | 3200 | 800 | 200 | 900 | | 2200 | | | | | | | |
|-----|---------------------|---------------|------------------|------------|--------------|---|-------|---|-------------------|-------------|-------------|----------|----------|----------|---|-------|-----|-----------|---|-----|---|---|---|
| Q. | | 1995 | | 2900 | | | 2300 | | | - | 1700 | 200 | 200 | 400 | | 2500 | 1 2 | | | | | | - |
| | PILASE | | | | | | | _ | - | | ļ | - | | | | | | | - | | | - | |
| | | 1990 | | | | | | | | <i>i</i> . | | | | | : | | | <u> </u> | | | | | |
| | - 1 | 1989 | | | | | | : | | | 1000 | | | 280 | | 1200 | | | | | | | |
| | PHASE 1 | 1988 | | 1200 | 1200 | | 2400 | | | | | | | | | | | | | : ' | | | |
| | . 1 | 1987 | | | | | | | | | | | | | | | | | | | _ | | |
| | | 1986 | v * | 1 | | | | | | 200 | | 300 | | | | 200 | | | | | | | |
| | PRIMARY CABLE | EXISTING | | 2400 | 400 | | 2800 | | | 22 | 1000 | 200 | 100 | | | 1350 | | | | | | | |
| | PRIMAR | SLT0 | | | | | | | | | | | | | | | | | | | | | |
| | | 2000 | | 9224 | 1530 | | | | | 211 | 5088 | 1148 | 306 | 1406 | | | | | | | | | |
| | RIBUTION | 1995 | | 4970 | 824 | - | | | | 114 | 2742 | 619 | 165 | 758 | | | | | | | | | - |
| | DEMAND DISTRIBUTION | 1990 | | 2627 | 436 | | | | | 99 | 1450 | 327 | 88 | 401 | | | | | | | | | |
| | 20 | 1985 | | 1357 | 225 | | | | | 31 | 750 | 169 | 45 | 208 | | | | | | | | | |
| | SURVEUNE BU SWAN | ם בייכווטוומד | BATTICALDA S.S.C | CALOA | VALACHCHANAI | | 11 | | BANDARAWELA S.S.C | AMPITIKANDA | BANDARAWELA | 1LE | чDА | 4DA | | | | | | | | | |
| | υ Σ | ູ້ | BATTIC | BATTICALOA | VALACI | | Total | | BANDA | AMPIT | BANDA | HAPUTALE | KOSLANDA | WELIMADA | | Total | - | | | | | | _ |
| | S.S.C | 8 | | 7 | 2 | | | : | | 1. | 3 | ო | et e | 2 | | | | | | | | | _ |
| | S.S. | CODE | BTC | | | | | | BNR | | | | | | L | | | | | | | | |

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

| . 4 | PIIASE 1111 | 2000 | | 1100 | | 106600 | 00689 | 58500 | 1300 | 1600 | 2900 | | 1300 | 10000 | 34200 | 2000 | 1300 | 5200 | 40300 | | 24700 | | 1800 | 2100 | 6500 | 2900 | 13700 | 2000 | 398500 |
|---|------------------|------------------------|----------------|--------|---------------------------------------|-----------------|---------------|----------|-----------|----------|--------|----------|----------|----------|-------|-------------|---------|----------|---------------|-----------------|----------|---------|-------------|--------|---------|--------------|-------------|--------------|---------|
| No. | PIIASE 11 | 1995 | | 700 | | 70600 | 33000 | 32500 | 009 | 700 | 1700 | 5100 | 2100 | 5400 | 18800 | | | | 36400 | | 14300 | | 1500 | 1300 | 2900 | 3200 | 7800 | 2800 | 250400 |
| | | 1990 | | | | | | 14600 | | | | | | | | 1900 | 1000 | | | | | | | | | | | | 17500 |
| | | 1989 | | | | | | | | | | | | | | | | | 7600 | | | | | | | | | | 7600 |
| | PHASE 1 | 1988 | | 200 | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | | 2100 | | | | | | 009 | 3400 | | | | : | | | | | | | | | | | 6800 |
| 7 | 4 | 1987 | | | MV AREA | | | | | | | | | | 10700 | | | | | | 4100 | | | | | | 4600 | | 19400 |
| Similar | | 1986 | | : | UDED IN | | | | | 1100 | 1300 | | | | | | | 4800 | | in the | | | 1100 | | 3400 | 2200 | | | 3900 |
| × (40.11 | CABLE | EXISTING | | 300 | TO BE INCLUDED | 35200 | 13600 | 14600 | 100 | 200 | 400 | 200 | 100 | 009 | 0008 | 009 | | 1000 | 0069 | | 2400 | 75 | 200 | 400 | 2007 | 400 | | 1800 | 87775 |
| ₹~ 1m+ - | PRIMARY | SLTD | | | | (29400) | (7200) | (1200) | 800 | | | 2000 | 009 | 2200 | 8000 | 4000 | 009 | | (10000) | (1200) | (0006) | 1000 | | 800 | | 1200 | | (3600) | (67900) |
| Torbaile and the | | 2000 | | 2396 | 2500 | 177493 | 115280 | 97681 | 2035 | 2688 | 4750 | 2226 | 3226 | 16362 | 56949 | 9216 | 2195 | 15265 | 64248 | 2500 | 41441 | 1049 | 3417 | 3438 | 10772 | 9813 | 22720 | 10082 | |
| | DISTRIBUTION | 1995 | | 1291 | 1347 | 95645 | 62120 | 52637 | 1097 | 1448 | 2560 | 2994 | 1916 | 8817 | 30688 | 4996 | 1183 | 8228 | 34621 | 1347 | 22331 | 265 | 1841 | 1852 | 5804 | 5288 | 12245 | 5430 | |
| 7 | DEMAND DIST | 1990 | | 682 | 712 | 50548 | 32830 | 27818 | 280 | 765 | 1353 | 1582 | 1013 | 4660 | 16218 | 2625 | 625 | 4347 | 18297 | 712 | 11802 | 299 | 973 | 979 | 3008 | 2795 | 6472 | 2871 | |
| /) · / · / · / · · · · · · · · · · · · | Q | 1985 | | 353 | 368 | 26111 | 16959 | 14370 | 299 | 395 | 669 | 817 | 523 | 2407 | 8378 | 1356 | 323 | 2246 | 9452 | 368 | 9609 | 154 | 503 | 506 | 1585 | 1444 | 3343 | 1484 | |
| 4 | SONVIONS SO SWAN | ואוינב טר באכוואויטב ר | :0:S:S 08W0T00 | ANGODA | BORALESGAMUWA | COLOMBO CENTRAL | HAVELOCK TOWN | MARADANA | HOKANDARA | HOMAGAMA | JA-ELA | KADAWATA | KADUWELA | KELANIYA | KOTTE | MAIIARAGAMA | MALWANA | MORATUWA | MOUNT LAVINIA | (BOLALESGAMURA) | NUGEGODA | PADUKKA | PILIYANDALA | RAGAMA | WATTALA | WELLAMPITIYA | KOLLUPITIYA | MATTAKKULIYA | Total |
| | J. | N0 | | -7 | 7 | 3 | 4 | 2 | 9 | 7 | ∞ | တ | 10 | 11 | 12 | ಟ | 14 | 15 | 16 | | 17 | 18 | 19 | 8 | 21 | 23 | g | 24 | |
| | S.S.C | 3000 | CNT | | | | | | | | | | | | | • | | | | | | | | | | | | | |

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

| No. 5 | PHASE 111 | 2000 | | 100 | | 200 | 1000 | 100 | 200 | | 1900 | | | 1400 | 300 | | 15900 | 200 | | | 200 | | 18300 | | |
|-------------------|---------------------|-------------------|---------------|-----------|---------|---------|----------|--------|--------------|---|--------------------------|---|--------------|-------------|-----------|----------|-------|------------|---------|---------|--------|---------|-------|----|--|
| N | PIIASE 11 | 1995 | | | | 300 | 400 | | | | 700 | | | 2100 | | | 0009 | 200 | | | | | 8300 | | |
| | | 1990 | | ٠. | | | | | | | | | , | | | | | | | | | | | | |
| | | 1989 | | | | | 1 | | | | | | | 009 | | | 7000 | | | | | | 7600 | | |
| | PHASE 1 | 1988 | | | | | | | | | | | : | | | | - | | | | | | | | |
| ınge | | 1987 | | 200 | | 290 | 700 | 200 | 200 | | 1500 | | | | | :- | | | | | | | | | |
| excnange | | 1986 | | | | | | | | - | | | | | | | - | | | | | | | e. | |
| by eacn | PRIMARY CABLE | EXISTING | | | 325 | 150 | | 25 | 25 | | 525 | | | 820 | (20) | (100) | 2200 | (22) | (22) | (22) | | (20) | 3050 | | |
| Fran r | PRIMAR | SLTD | | | 1400 | | | | | | 1400 | | | | 400 | 009 | | 400 | 400 | 400 | | 300 | 2500 | | |
| | 1 | 2000 | | 220 | 1922 | 851 | 1558 | 241 | 259 | : | | | | - 3747 | 765 | 852 | 18305 | 795 | 239 | 393 | 115 | 220 | | | |
| Expansion | RIBUTION | 1995 | | 119 | 1036 | 459 | 840 | 130 | 140 | , | | | | 2019 | 412 | 450 | 9864 | 429 | 129 | 212 | 62 | 119 | | | |
| Cable | DEMAND DISTRIBUTION | 1990 | | 83 | 548 | 243 | 444 | 69 | 74 | | : | | | 1068 | 218 | 242 | 5215 | 226 | 69 | 112 | 33 | 63 | | | |
| (51/5) | Q | 1985 | | 33 | 283 | 126 | 230 | 37 | 38 | | - 1 - 1 - 1 - 4 | : | | 552 | 113 | 126 | 2694 | 118 | 36 | 59 | 17 | 33 | | | |
| Table 4-11 (5/15) | NAMP OF FYCHANGE | ייסויד מי בעמיעות | CHILAW S.S.C. | BINGIRIYA | CILLAW- | MADAMPE | MARAWILA | MUNDEL | RAJAKADALUWA | | Total | | GALLE S.S.C. | AMBALANGODA | BADDEGAMA | ELPITIYA | GALLE | HABARADUWA | IMADUWA | KOSCODA | NAGODA | UDUCAMA | Total | | |
| | اں | NO. | | 1 | 2 | 3 | - 4 | 2 | ပ္ | | | | | 1-1 | 2 | က | 4 | Ŋ | 9 | 7 | 8 | 63 | | | |
| : i | S.S.C | CODE | ^NID | | | | | | - | | | | GLE | | | | | : | | | | | | | |

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

| 9 | PHASE 111 | 2000 | | 2000 | 902 | | 100 | 400 | 1300 | | 7500 | | | 009 | 200 | 008 | | | | 300 | | 800 | | 100 | 200 | | V 1 44 1 1 | 3300 |
|----------------|---------------------|-----------------|----------------|----------|----------|---------------|---------|------------|-----------|-----|-------|---|-------------------|-------------|--------------|------------|------------|-------------|---------------|---------------|-------------------|----------|----------|------------|---|-----------|------------|-------|
| No. | PHASE 11 | 1995 | | 2600 | 300 | | | 300 | 002 | | 3900 | 1841 187 187 187 187 187 | | | | | | | | | | 100 | | | | | | 100 |
| | | 1990 | **. | | | | | | | | | | | | | | | | 1 | | | | | | | | | |
| | | 1989 | | | | | | | | | | | | | | | | : | | | | | | | | | | |
| | PHASE | 1988 | | | | | | | | | | | | | | | | | | | and provide | | | | | | | |
| ınge | | 1987 | | | | | | | | | 1. | | | | | | | | | | | | | | | | | |
| Exchange | | 1986 | | 1900 | 200 | 200 | 400 | 200 | 500 | : | 3700 | | | | | | | | | | | | | | | | | |
| each | PRIMARY CABLE | EXISTING | | 1250 | 50 | 25 | 10 | 200 | 300 | | 1835 | | | (20) | 200 | 400 | 100 | 150 | (20) | 100 | | | | 350 | 220 | | | (160) |
| an by | PRIMARY | SLTD | | | | | | | | | | | | 800 | 420 | 920 | 200 | | 250 | 570 | 320 | 870 | 900 | | 1 | 300 | | 2640 |
| on Pl | | 2000 | | 8136 | 1120 | 115 | 374 | 929 | 2113 | | | | | 804 | 803 | 1635 | 354 | 1.1 | 125 | 629 | 144 | 1358 | 373 | 297 | 249 | 96 | - | |
| Expansion Plan | BUTION | 1995 | | 4386 | 603 | 62 | 202 | 501 | 1139 | | | | : | 434 | 433 | 188 | 191 | 42 | - 67 | 366 | 78 | 732 | 201 | 160 | 134 | 52 | | |
| Cable E | DEMAND DISTRIBUTION | 1990 | | 2318 | 319 | 33 | 107 | 265 | 602 | - 1 | | | | 230 | 229 | 466 | 101 | 22 | 36 | 194 | 41 | 387 | 107 | 85 | -71 | 28 | | |
| (6/15) C | 130 | 1985 | | 1198 | 165 | 17 | 26 | 137 | 311 | | | | | 119 | 119 | 241 | 53 | 12 | 19 | 100 | 22 | 200 | 55 | 44 | 37 | 15 | | |
| | ار ا | יים מב מב | | <u> </u> | | - | · : | | | : | | | ٠: | | | | 2 A. | | | | SSA | | | | | | .a. | |
| Table 4-11 | SORVE OF BOARING | NAME OF EACHA | GAMPAIIA S.S.C | GAMPAHA | NIRIGAMA | PALLEWELA | PASYALA | VELIRERIYA | VEYANGODA | | Total | | HAMBANTOTA S.S.C. | AMBALANTOTA | EMBILIPITIYA | HAMBANTOTA | KATARAGAMA | TANAMALWILA | THIMBOLKETIYA | TISSAMAHARAMA | ANGUNAKOLAPELESSA | TANGALLE | BELIATTA | WALASMULLA | WEERAKETIYA | MIDDENIYA | | Total |
| | ပ | 9 <u>R</u> | | | 2 | 3 | 5 | 5 | 9 | | | | | | 2 | 3 | 4 | 2 | හ | 7 | 8 | G) | 10 | 11 | 12 | 13 | | |
| | S.S.C | CODE | 8 | | | | | | | | | | | EMB | | | | | ÷ | | : | | | | | | | |

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

| No. 7 | PHASE 111 | 2000 | | 400 | 2700 | 200 | 300 | 300 | 100 | 200 | | 4500 | | | 900 | 22800 | 2300 | 1000 | 1400 | 200 | 100 | 100 | 1200 | 200 | 200 | 30400 |
|------------------|---------------------|---------------------|---------------|-------------|--------|---------------|------------|--------------|-------|----------|---|-------|------|---------------|----------------|--------|-----------|-------|-------------|--------|----------|-------------|------------|-------------|------------|----------------|
| N. | PIIASE 11 | 1995 | - 1 | 200 | 1500 | | 200 | 100 | | 300 | | 2300 | | | | 13000 | 008 | 300 | 700 | 100 | | | 100 | | | 15000 |
| | | 1980 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 1989 | | | | | | - | | | | | - | | | | | | 400 | | | | | | | 400 |
| | PIIASE 1 | 1988 | | | | | | | | | | | | | | | | | | | | | | | | |
| nge | | 1987 | | | | | 2 | | : | | : | | | | | | | | | | | | - | | | |
| Exchange | | 1986 | | 100 | 1000 | 200 | 300 | 200 | 200 | 400 | | 2300 | | | | 9700 | | | | | 7 | | | | | 9700 |
| <u> </u> | PRIMARY CABLE | EXISTING | | 100 | 700 | 25 | 20 | 20 | 27 | 12 | | 979 | | | (100) | 3300 | (20) | (09) | (120) | (20) | (6) | (22) | | - | | 3300 (434) |
| rlan by | PRIMAR | SLTD | | | | | | | | | | | | | 1400 | | 1900 | 1000 | 200 | 200 | 100 | 320 | 1200 | 1400 | | 8200 |
| - 1 | | 2000 | | 517 | 4417 | 278 | 507 | 420 | 230 | 006 | | | | | 1520 | 37413 | 3854 | 1751 | 2285 | 354 | 115 | 307 | 1846 | 1416 | 163 | |
| EXPansion | IBUT I ON | 1995 | | 279 | 2380 | 150 | 273 | 243 | 124 | 485 | | | | | 819 | 20160 | 2077 | 944 | 1231 | 191 | 62 | 166 | 995 | 764 | 88 | |
| Cable | DEMAND DISTRIBUTION | 1990 | | 147 | 1259 | 79 | 145 | 128 | 99 | 257 | | | | | 433 | 10657 | 1098 | 499 | 651 | 101 | 33 | 88 | 526 | 404 | 46 | |
| - 1 | 9 | 1985 | | 92 | 651 | 41 | 75 | 29 | 34 | 133 | | | | | 224 | 5505 | 568 | 260 | 337 | 53 | 17 | 47 | 273 | 211 | 24 | |
| Table 4-il (/ls) | NAME OF FYCHANGS | ואיוים טו באפוואיום | HATTON S.S.C. | ACARAPATANA | HATTON | NORTON-BRIDGE | PUNDALUOYA | TILLICOUNTRY | UPCOT | WATAWALA | | Total | | JAFFNA S.S.C. | CHAVAKACHCHERI | JAFFNA | KARAVEDDY | KAYTS | KILINOCHCHI | PALLAI | POONERYN | PUNKUDUTIVU | SITANKERNI | TELLIPALLAI | AVARANKAL. | Total |
| | ب | 유 | | | 7 | က | ਵਾ | 5 | 9 | 2 | | - | | | | 2 | ო | et. | พ | 9 | ~ | ∞ | 6 | 10 | = | |
| | S.S.C | C00E | HTN | | | | | | | | | | | JFN | | | | | | | | | | | | |

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

| | PHASE 111 | 2000 | | 2000 | 3300 | 5300 | | | 700 | 200 | 200 | 1600 | 35100 | 9100 | 200 | 4200 | 1100 | 800 | 2600 | 300 | | 56800 | | |
|------------|------------------|---------------------|-----------------|-------------|----------|-------|-----|--------------|--------|------------|--------|--------------|-------|-------------|-----------|------------|-----------|----------------|---------|------------|-------------|-------|--|---|
| No. | PHASE 11 P | 1995 | | | 1000 | 1000 | | | 200 | 200 | 200 | 008 | 11700 | | | 2500 | 609 | 300 | 1500 | 902 | | 18500 | | |
| | | 1990 | | | | | | | | | | 400 | | | | | | | | | | 400 | | |
| | | 1989 | | 009 | 1800 | 2400 | | | | | | 1 | | | | | 100 | | 906 | | | 1000 | | |
| | PHASE 1 | 1988 | | | | | | | | | | | 10900 | 4000 | | 2000 | | | | | | 16900 | | - A - C - C - C - C - C - C - C - C - C |
| ange | | 1987 | | | | : | . 1 | | | | | | | , | | | | 200 | | | | 200 | | |
| Exchange | | 1986 | | | | | | | 200 | | | | | | | | | | | | 3 to 1 to 2 | 200 | | |
| by each | PRIMARY CABLE | EXISTING | | 009 | 950 | 1550 | | | 200 | 400 | 300 | 009 | 3400 | 1000 | 300 | 950 | 600 | 200 | 800 | 300 | | 9050 | | |
| Plan 1 | PRIMAR | SLTD | | | | | | | | | | , | | | | | - | | | | | | | |
| | | 2000 | | 1941 | 5210 | | | | 1196 | 785 | 698 | 2572 | 38521 | 6988 | 364 | 7505 | 1808 | 957 | 4455 | 603 | | | | |
| Expansion | DISTRIBUTION | 1995 | | 1046 | 2807 | | | | 645 | 423 | 376 | 1387 | 20757 | 3766 | 136 | 4044 | 974 | 516 | 2400 | 325 | | | | |
| Cable | DEMAND DIST | 1990 | | 553 | 1484 | | | | 341 | 224 | 199 | 733 | 10971 | 1991 | 104 | 2138 | 516 | 274 | 1269 | 172 | | | | |
| (8/15) | ia | 1985 | | 286 | 7.97 | | | | 177 | 116 | 103 | 380 | 2669 | 1030 | 54 | 1106 | 268 | 142 | 658 | 68 | | | | |
| Table 4-11 | JAME OF SYCHANGE | ואווב טו באכוואוומב | KALMUNA! S.S.C. | AKKARAPATTU | KALMUNAT | Total | | KANDY S.S.C. | DIGANA | GALAGEDARA | GALAHA | KADUJIANNAWA | KANDY | KATUGASTOTA | MADULKELE | PERADENIYA | WATTEGAMA | RIKILLAGASKADA | GAMPOLA | PUSSELLAWA | | Total | | |
| | ၁ | NO | | 1 | 2 | | | | | 7 | 3 | 다 | co. | ďΩ | ,- | 8 | 5 | 2 | = | 12 | | | | |
| | S.S.C | CODE | KLM | | | | | KND | | | | | | _ | | | | | | | | | | |

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

| с ъ | PRASE 111 | 2000 | | 100 | | 1400 | 2900 | 009 | | 200 | 1100 | 300 | 400 | 400 | 100 | 300 | 10800 | | 3400 | 4700 | 700 | | 300 | | | 9100 |
|-------------|---------------|----------------------|------------------|----------|------------------|--------------|------------|-----------|---------------|---------|--------------|----------|------------|-------------|-----------|-------|-------|-----------------|---------|---------|----------|--------------|--------|---------------|---|-------|
| <u>.</u> 8 | PILASE 11 | 1995 | | | | 400 | 3200 | 300 | | | 200 | 100 | 100 | 300 | | 100 | 2000 | | 1500 | 2500 | | | | 200 | | 4200 |
| | | 1990 | | , | | | 2600 | | | | | | | 921 | | | 2700 | | | | | | | | | |
| | | 1989 | | | | | | | | | | | | | | | | | 2000 | 1900 | | | | | | 3900 |
| | PHASE 1 | 1988 | | | | | | ı | | | | | | | ` | | | | | | | | | | | |
| ange | | 1987 | | | | | | | | | | : | | | | | | | | | | | | | | |
| Exchange | | 1986 | | | | | | | 1 | | | | | | | | | | | | | | | | | |
| y each | PRIMARY CABLE | EXISTING | | (100) | | (100) | 1300 | (100) | | (30) | (282) | | (100) | | 400 | (100) | (815) | | 009 | 1100 | 200 | | (20) | | | (50) |
| Plan by | PRIMAR | SLTD | | 009 | 400 | 820 | | 200 | 200 | 320 | 800 | 400 | 400 | 200 | | 400 | 5100 | | | | 1800 | 300 | 300 | 300 | | 2700 |
| Expansion E | | 2000 | | 622 | 230 | 1711 | 9935 | 1053. | 134 | 393 | 1788 | 537 | 869 | 746 | 383 | 612 | | | 5649 | 7752 | 2019 | 239 | 335 | 297 | | |
| | DISTRIBUTION | 1995 | | 335 | 125 | 923 | 5354 | 267 | 73 | 212 | 964 | 221 | 376 | 102 | 206 | 330 | | | 3044 | 4177 | 1089 | 129 | 182 | 160 | - | |
| Cable | DEMAND DIST | 1990 | | 177 | 99 | 4489 | 2832 | 300 | 39 | 112 | 510 | 154 | 199 | 213 | 109 | 175 | | | 1609 | 2208 | 576 | 69 | 97 | 85 | | |
| (9/15) | Q. | 1985 | | - 35 | 35 | 252 | 1464 | 156 | 20 | 59 | 264 | 80 | 103 | 110 | 27 | 90 | | | 831 | 1141 | 299 | 36 | 20 | 44 | | |
| Table 4-11 | SOUND OF SHAN | ואוויב טר באכוואווים | KURUNEGALA S.S.C | GIRIULLA | ILETT! POLA | KULIYAPITIYA | KURUNEGALA | NARAMMALA | NIKADALUPOTHA | PANNALA | POLGAIIAWELA | RIDIGAMA | WARIYAPOLA | NIKAWRATIYA | GALGAMUWA | MAIIO | | KALUTARA S.S.C. | BENTOTA | KALTARA | MATUGAMA | MIGAHATTENNA | NEBODA | BULATHSTGHALA | | Total |
| | ပ္ | ON . | | 1 | 2 | က | 4 | 2 | 9 | . 7 | 8 | 6 | 10 | 11 | 12 | 13 | ÷ | | 1 | 2 | က | T T | 5 | S | | |
| | S.S.C | 3000 | KRG | | : : : : | | | | | | | | | | : | | | KLT | | | | | | | | · |

PHASE 111 No. 10 PIIASE !! 8 8 8 8 PHASE Cable Expansion Plan by each Exchange EXISTING (25) (22) (25) Ξ PRIMARY CABLE SLTD සි .008 1979 22 82 DEMAND DISTRIBUTION ထ္ထ Table 4-11 (10/15) 22 83 ន 8 8 NAME OF EXCHANGE KEGALLE S.S.C. KOTIYAKUMBURA CILLLAVATIIURA MANNAR S.S.C. TALAIMANNAR NELUNDENIYA UYILANKULAM VIDALATIVU WARAKAPOLA ROMBUKKANA ARANAYAKE MAWANELLA MURUNKAN UNDUGODA KEGALLE ADAMPAN PESALAI Total Total MANNAR <** ល ဖ ∞ က **(**~ œ C) က ₩. b ဏ S.S.C CODE ¥ 젽

PHASE III No. 11 PHASE 11 PILASE Cable Expansion Plan by each Exchange 8 8 8 8 8 8 8 ର ର 8 8 2 (22) (22) (22) EXISTING PRIMARY CABLE 8 8 SLTD 125 1625 105 876 263 238 DEMAND DISTRIBUTION 58 58 463 Table 4-11 (11/15) 30 340 21 23 က္ထ 33 88 17.7 12.0 NAME OF EXCITANCE KAMBURUPITIYA MATARA S.S.C. MATALE S.S.C. TELLJJAWILA KOTTEGODA WILGOMUWA DENIYAYA URUBOKKA WILIGAMA DAMBULLA Total DEKWELLA MORAWAKA MAHAWELA HAKMANA KURESSA ELAHARA RATTOTA Tota! MATARA MATALE NAULA 유 က ഹ G ∞ တ Ξ <** က ဖ S.S.C CODE Ę Ä

PHASE III No. 12 PIMSE 11 PHASE 8 8 Cable Expansion Plan by each Exchange EXISTING PRIMARY CABLE (20) SLTD င္မ DEMAND DISTRIBUTION 2404 Table 4-11 (12/15) NAME OF EXCITANGE NAWALAPITIYA SSC NEGOMBO S.S.C. SANDALANKAWA **KOCIICII I OKADE** NAWALAPITIYA CRAIG HEAD KATUNAYAKE DOLOSBAGE BADALGAMA LUNUWILA Total KOTMALE Total DUNAGAHA NEGOMBO 윤 ç ĸ G ţ~-ന CJ. S S.S.C 30CO K

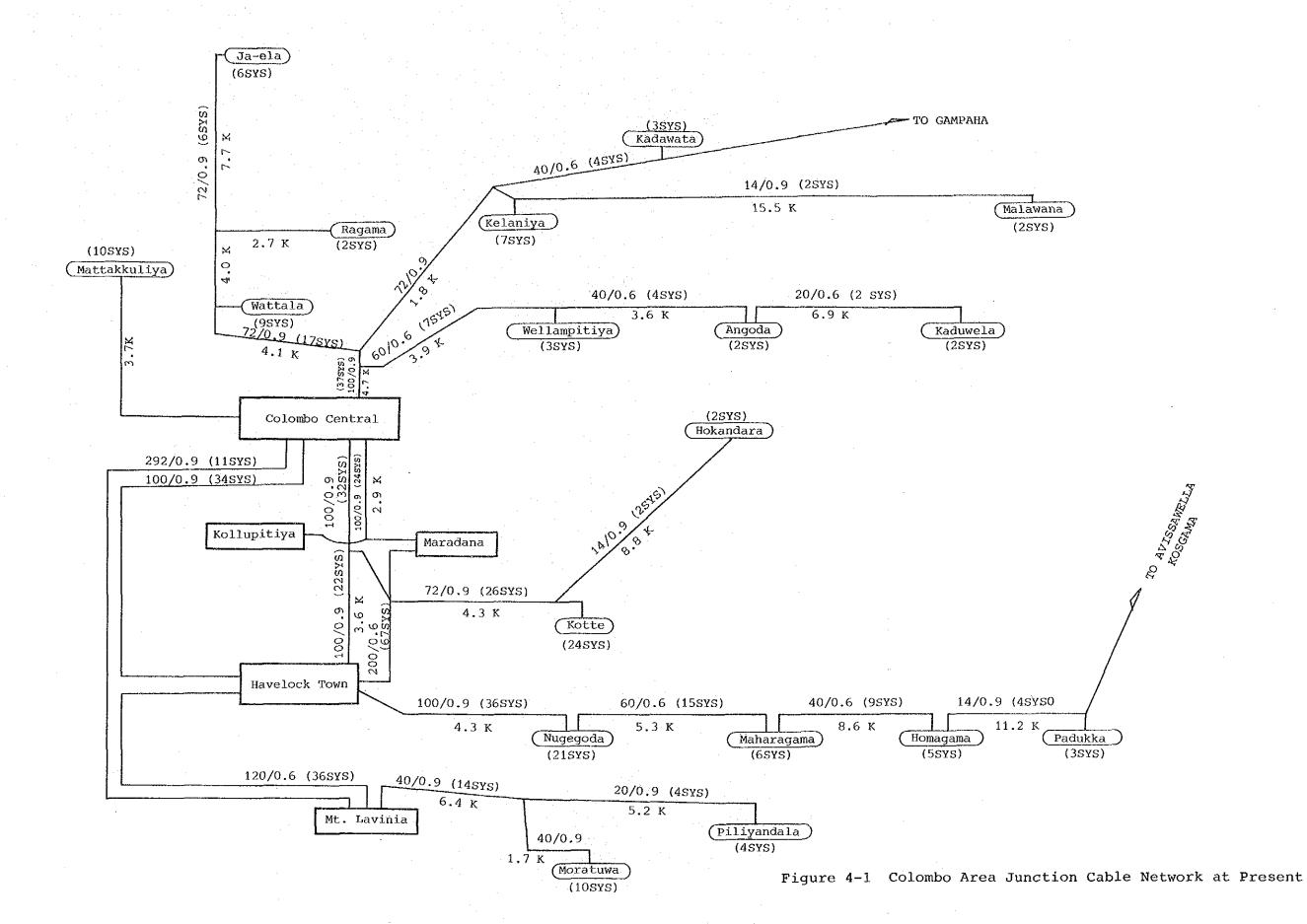
| No. 13 | PHASE 111 | 2000 | | | | 6500 | | | 400 | 200 | | 900 | 8000 | | | 009 | 1100 | | 1700 | | | 1500 | 6300 | | 7800 | |
|---------------|---------------------|--------------------|--------------------|------------|----------|--------------|---------|---------------|---------------|-----------|------------|------------|-------|---|-------------------|--------------|-------------|---|-------|---|-----------------|--------|----------|---|-------|---|
| ž | PHASE 11 | 1995 | | * *** | 300 | 1300 | 100 | 400 | 200 | 300 | | 300 | 2900 | | | 100 | 700 | | 800 | | | | 3500 | : | 3500 | |
| | | 1990 | | | | | | | 100 | | | | 100 | : | | | | | | | | | | | | |
| | | 1989 | | | | | | - | | | | | : | | | | | | | | | | | | | |
| | PHASE 1 | 1988 | | | | | | | | | | | | | | | | | | | | | | - | | |
| ınge | | 1987 | | | | | | | 1 | | | | | | | | | | | | | | 2800 | | 2800 | |
| Exchange | | 1986 | | 300 | 200 | | 200 | | | | | | 200 | | | | | | | | | | | | | |
| by each | PRIMARY CABLE | EXISTING | | 75 | 20 | 1400 | 27 | 100 | 100 | 200 | 200 | | 2152 | | | 909 | 800 | | 1400 | | | 300 | 1300 | | 1600 | |
| Plan k | PRIMAR | SLT0 | | | ٩ | | | | 200 | | 300 | | 200 | | : | | | | | | | 1600 | | | 1600 | |
| | | 2000 | | 526 | 345 | 6979 | 239 | 316 | 099 | 775 | 1014 | <i>L</i> 9 | | | | 918 | 1950 | | | | - | 2505 | 10668 | | | _ |
| Expansion | NOLL IN | 1995 | - | 284 | 186 | 3761 | 129 | 170 | 356 | 418 | 546 | 37 | | | | 495 | 1021 | : | | - | | 1350 | 5749 | | | |
| Cable | DEMAND DISTRIBUTION | 1990 | | 150 | 66 | 1089 | 69 | 06 | 188 | 221 | 289 | 20 | | | | 262 | 556 | | | | | 714 | 3038 | | | |
| (13/15) | DE | 1985 | | 78 | 52 | 1028 | 36 | 47 | - 38 | 114 | 150 | 10 | | | | 135 | 287 | | | | | 370 | 1571 | | | |
| Table 4-11 (1 | BUNNADAS AU SWEN | ואאוזב טר כאכחאומב | NUVARA-ELIYA S.S.C | HALGRANOYA | MATURATA | RUWARA-ELIYA | RAMBODA | UDAPUSSALLAWA | BAGAWANTALAWA | MASKELIYA | TALAWAKELE | WATUMULLA | Total | | POLONNARUWA S.S.C | HINGURAKG00A | POLONNARUWA | | Total | | PANADURA S.S.C. | HORANA | PANADURA | | Total | |
| | υ. | 8 | | | 2 | 3 | 4 | ιςs | မ | ٢- | 8 | 6 | | | | - | 2 | | | | | 1 | 2 | | | |
| | S.S.C | 3000 | NVR | | | | | | | \$ | | | | | PLN | | | į | | | ON. | | | | | |

PIIASE 111 No. 14 PHASE 11 PHASE Cable Expansion Plan by each Exchange ន 28 28 (125) 175 (52) (20) (20) EXISTING PRIMARY CABLE SLTD ಜ DEMAND DISTRIBUTION Table 4-11 (14/15) 394 105 α 23 43 α 워동 NAME OF EXCHANGE RATNAPURA S.S.C. PUTTALAM S.S.C BAMDARABOTUWA MADURANKUL PELMADULLA NIVITIGALA PUTTALAM KALPITIYA ANAMADUWA BALANGODA RATNAPURA KALAWANA KIRIELLA Tota! RAKWANA MAMPURI To ta! n 웆 က N 'n က C) භ ∞ S.S.C CODE F RTN

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

No. 15

| [_ | T | 1 | 1 | γ | T - | Γ | 7 | T | T | Τ | 7 | Τ | Т | T | T | T | | T | Ţ | 7 | 1 | Ţ | T | T | Τ | T | 1 |
|----------------|--------------------|-----------------|-----------|----------|-----------|---------------|----------|-------|----------|----------|----------|---------------|-------------|---|-------|---|-----------------|----------|----------|------------|----------|----------|---|---|-------|---|----------|
| PIIASE 111 | 2000 | | 200 | | | | | | | | | | 3200 | | 3700 | | | | 300 | | | 2000 | | | 2300 | | |
| PIIASE 11 | 1995 | | | 200 | | | | | | | | | 1700 | | 1900 | | | | 200 | | 200 | 800 | | | 1200 | | |
| | 1990 | | | | | | | | | | | | 800 | | 800 | | | | ļ | | | | | | | | |
| | 1989 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PHASE 1 | 1988 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1987 | | | | | | | | | | | | | | | | | 900 | | 009 | 200 | | | | 1400 | | |
| | 1386 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PRIMARY CABLE | EXISTING | | | | (20) | | | (22) | (25) | | | 8 | 1200 | | (1200 | | | 100 | | | | 275 | | | 375 | | |
| PRIMAR | SLTD | | 400 | 400 | | 200 | | 400 | 400 | | | 300 | | | 2100 | | | 400 | 150 | 150 | 100 | 1400 | | | 2200 | | |
| | 2000 | | 632 | 431 | 28 | 22 | 96 | 278 | 268 | 49 | 88 | 11. | 5257 | | | _ | | 717 | 480 | 471 | 106 | 3480 | | | | | |
| DISTRIBUTION | 1995 | | 341 | 232 | 31 | 42 | 23 | 150 | 145 | 27 | 37 | 42 | 2833 | | | | | 387 | 259 | 254 | 23 | 1880 | | | | | |
| DEMAND DIST | 1990 | | 181 | 123 | 17 | 22 | 28 | 7.9 | 11 | 15 | 20 | 22 | 1498 | | | | | 202 | 138 | 134 | 30 | 994 | | | | | |
| Q | 1985 | | 56 | 64 | 6 | 12 | 16 | 41 | 40 | 8 | 11 | 13 | 774 | | | | | 106 | 72 | 20 | 16 | 514 | | | | | |
| SOURCE OF SALA | ואיום טר באטואייטב | TRINCOMALEE SSC | CHINA-BAY | KANTALEI | KILIVEDDI | KUCIICIIAVELI | MORAWEWA | MUTUR | NILAVELI | PULMUDAI | SERUWILA | THAMPALAKAMAM | TRINCOMALEE | | Total | | VAVUNIYA S.S.C. | MULATIVU | MANKULAM | NEDUNKERNI | PADAVIVA | VAVUNIYA | | | Total | | - |
| ی | NO. | | ٠ 1 | 2 | က | 4 | 5 | 9 | ~ | ∞ | 6 | 10 | 11 | | | | | 1 | 7 | 8 | 4 | S | | | | | |
| S.S.C | CODE | TRN | | | | | | | | | | | | | | | VNY | | | | | | | | | | |



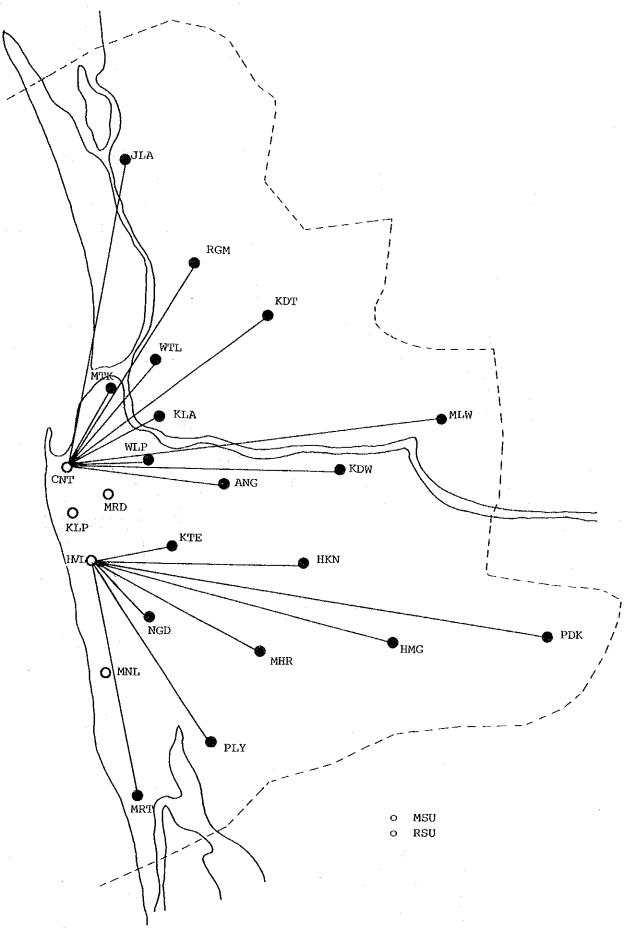


Figure 4-2 (1/4) Remote Exchange Routing Plan

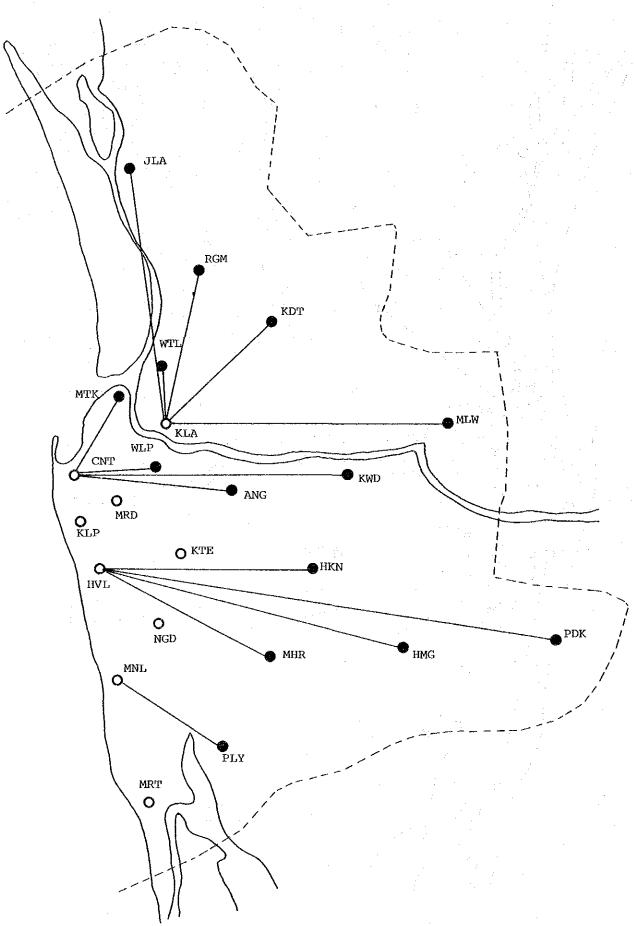
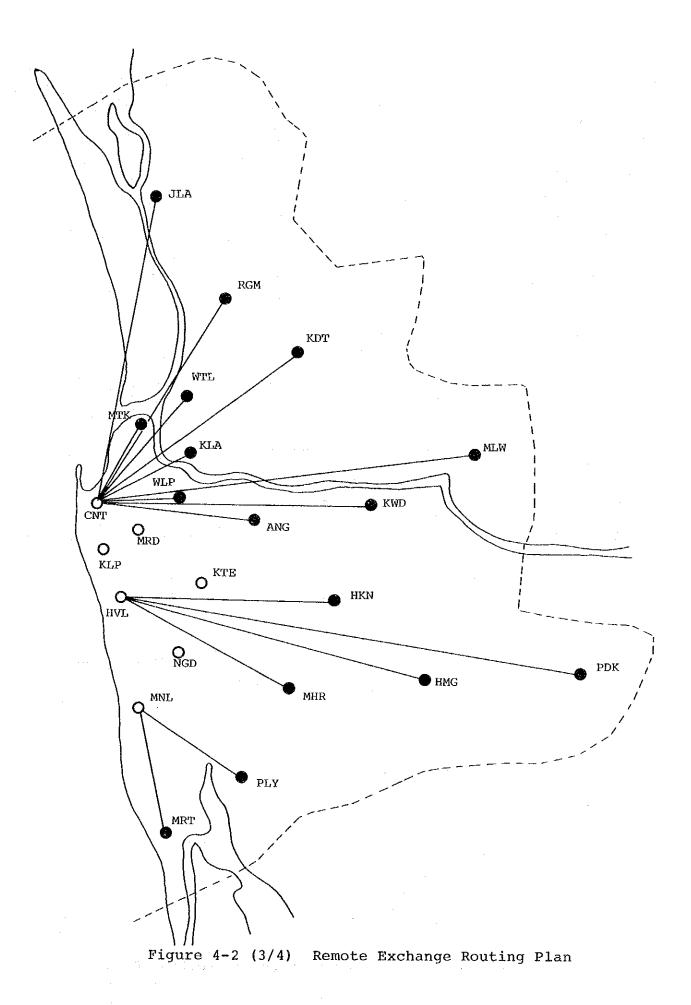


Figure 4-2 (2/4) Remote Exchange Routing Plan



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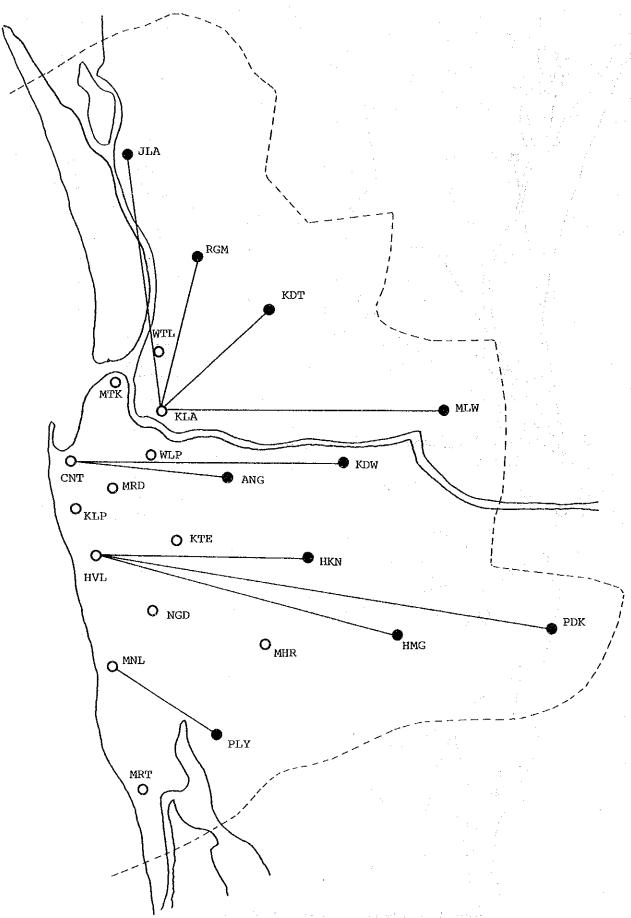


Figure 4-2 (4/4) Remote Exchange Routing Plan

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

| EX, | No. of | ORG CR. | No | o. of RS | J | No. of PCM |
|------|--------|---------|------------|--------------|----------|------------|
| Code | | ORG CR. | 4 PCM | 3 PCM | 2 PCM | Links |
| 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 | Į | 8 | - : | _ | 32 |
| | | | | | | |
| PLY | 1,000 | 008 | 1 | 1 | - | 7 |
| MRT | 4,400 | | - 7 | - | 1 | 30 |

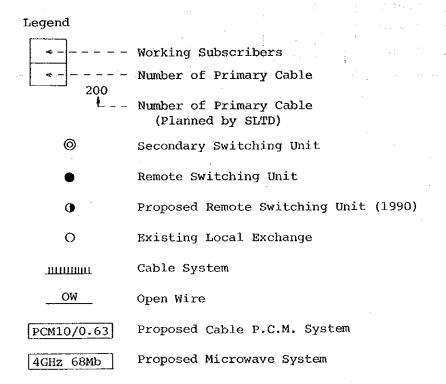
Table 4-12 (2/3) Required Number of RSUs and PCM Links

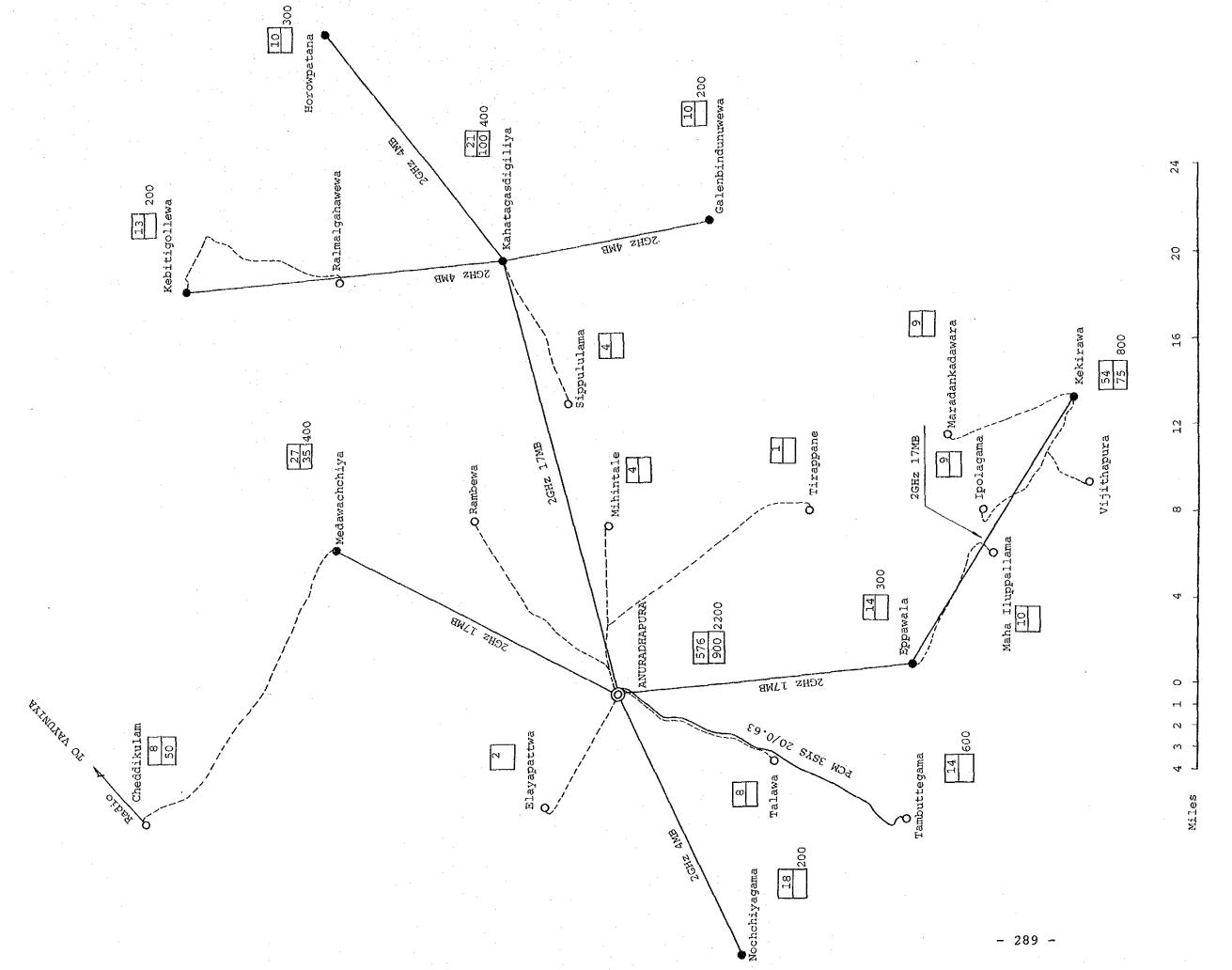
| EX. | No. of | No. of RSU | | | No. of PCM | |
|------|--------|------------|---------|---------------|------------|--------------|
| Code | Sub | ORG CR. | 4 PCM | 3 PCM | 2 PCM | Links |
| MTK | 6,300 | 0.08 | 10 | . | 1 | 42 |
| ANG | 1,300 | ē | 2 | | 1 | 10 |
| KDW | 2,600 | | 4 | - | 1 | 18 |
| WLP | 5,350 | , | 8 | 1 | | 35 |
| | | | | | | |
| HKN | 1,100 | 0.08 | 2 | _ | _ | *** 8 * * :* |
| НМG | 1,500 | | 2 | · 103 | 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 |
| | | | <u></u> | | | |

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

| EX. | No. of | one an | No. of RSU | | | No. of PCM |
|------|--------|----------|------------|------------|----------|------------|
| Code | | ORG CR. | 4 PCM | 3 РСМ | 2 PCM | Links |
| ANG | 2,400 | 0.08 | 4 | - | | 16 |
| KDW | 3,600 | į. | 6 | | ⊶ | 24 |
| нки | 2,100 | 0.08 | 3 | · <u>-</u> | 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





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

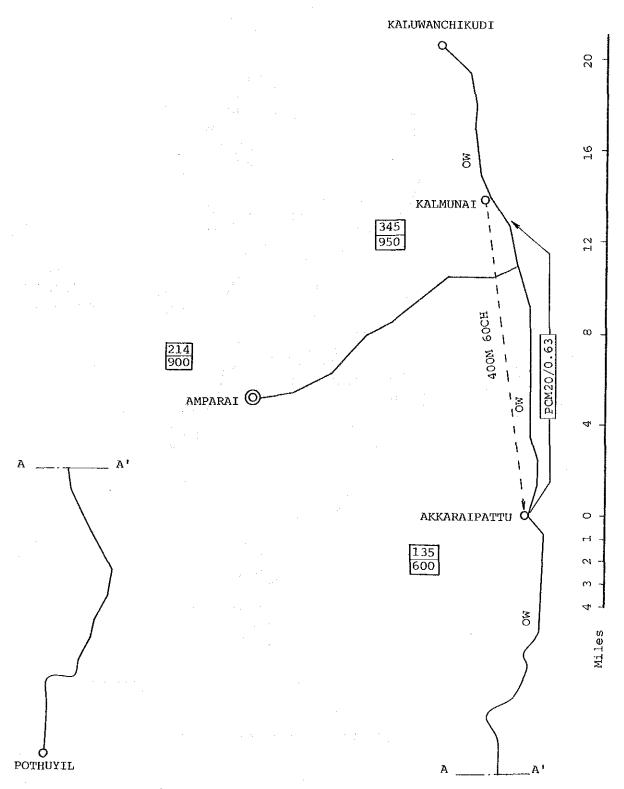


Figure 4-3 (2/28) System Route Map

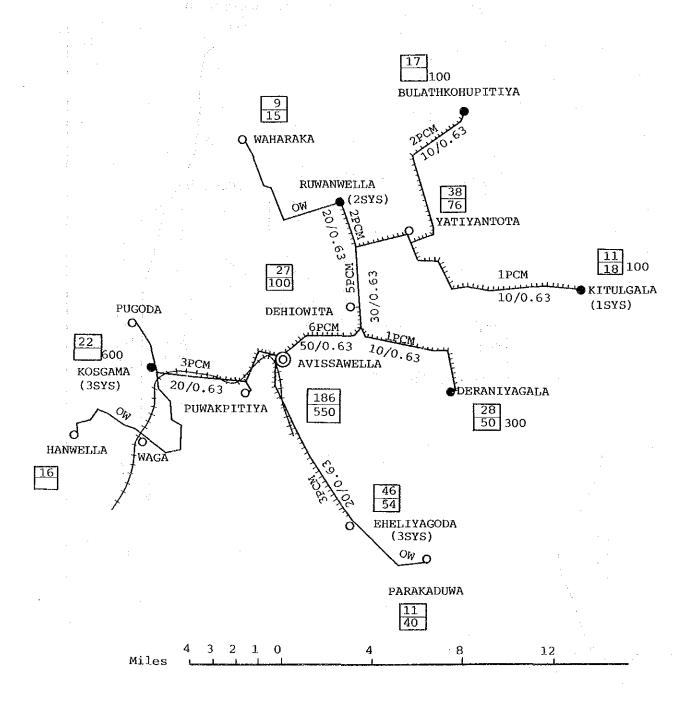
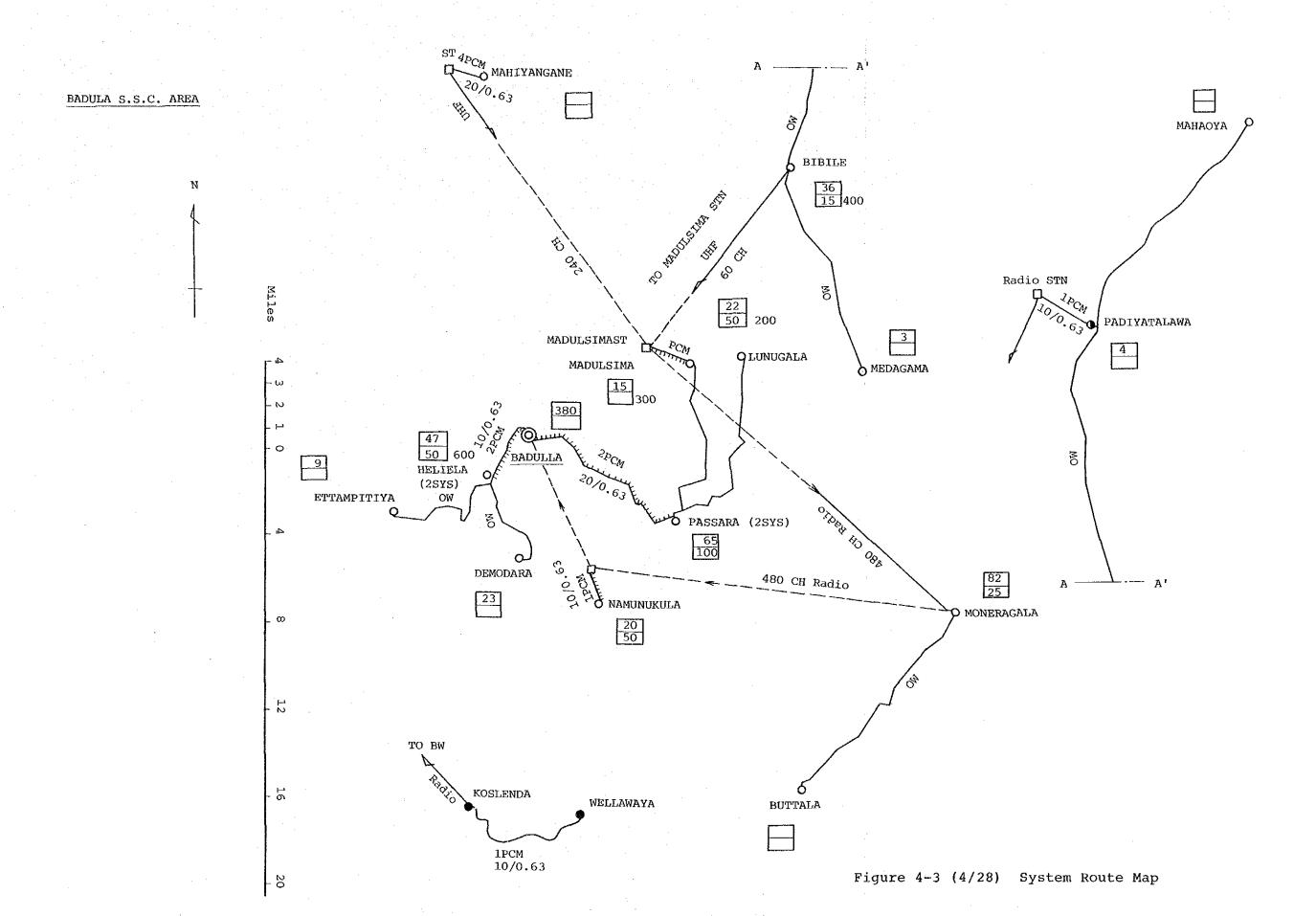


Figure 4-3 (3/28) System Route Map



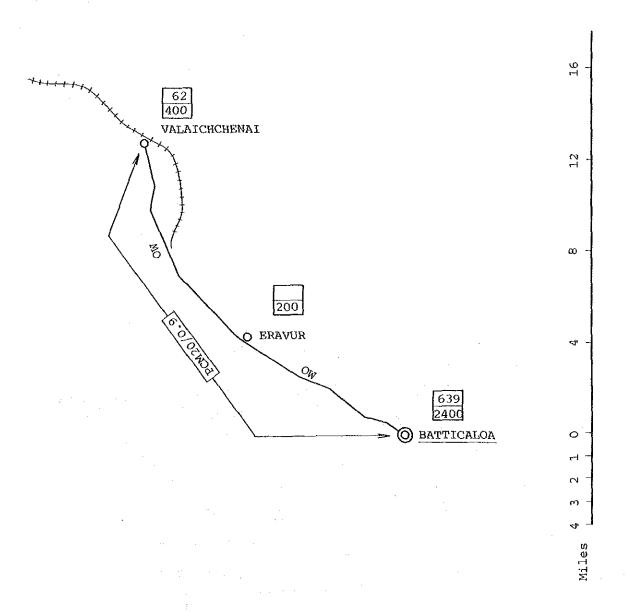


Figure 4-3 (5/28) System Route Map

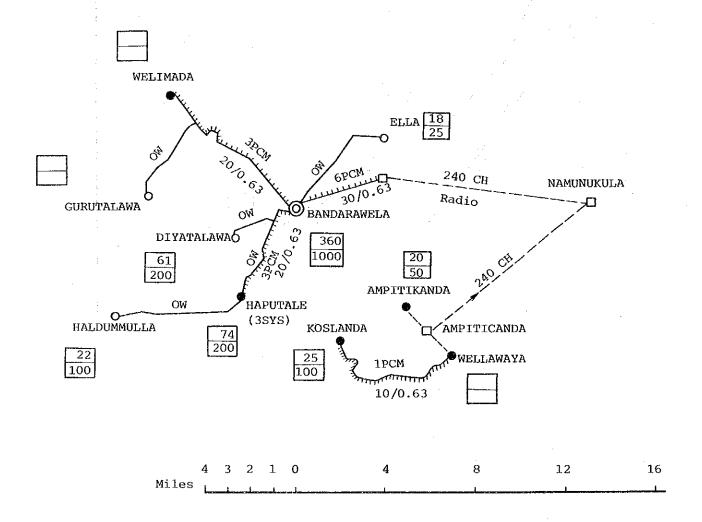


Figure 4-3 (6/28) System Route Map

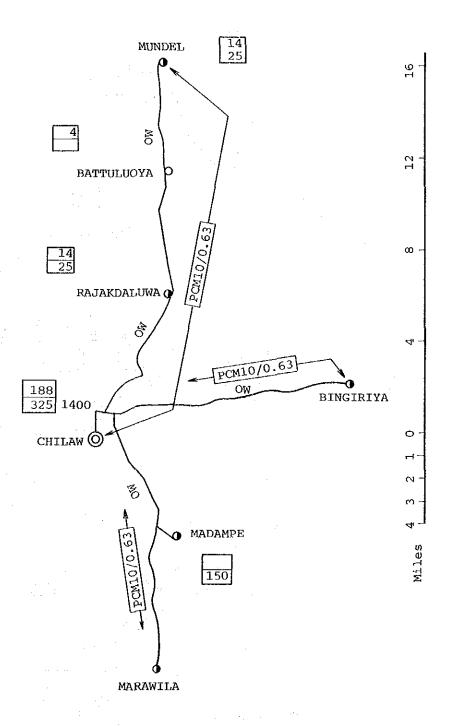
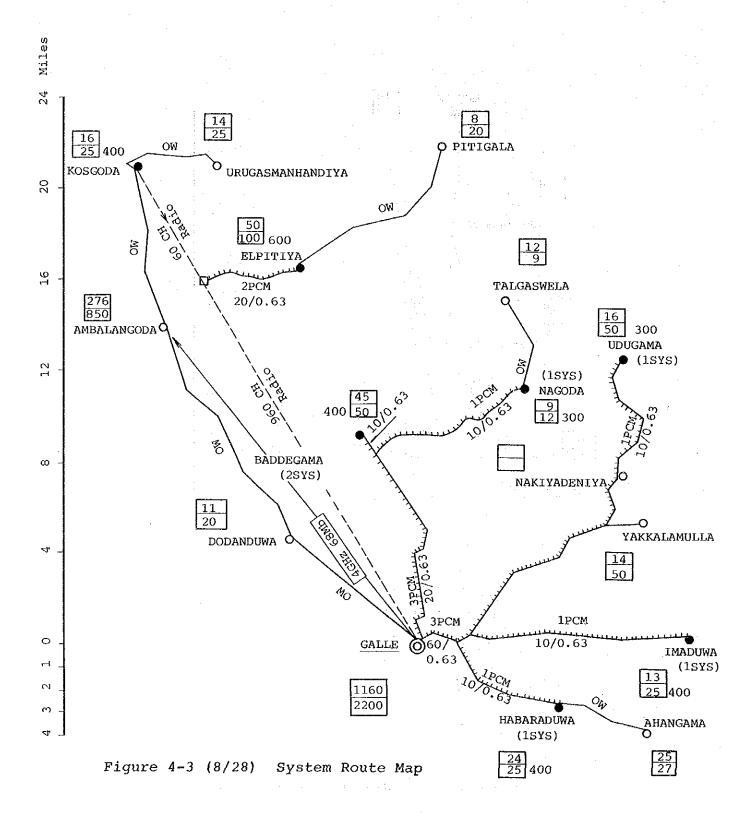


Figure 4-3 (7/28) System Route Map



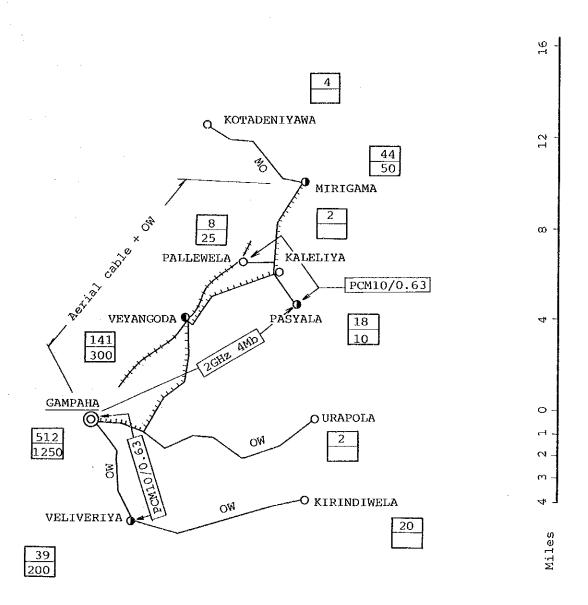


Figure 4-3 (9/28) System Route Map

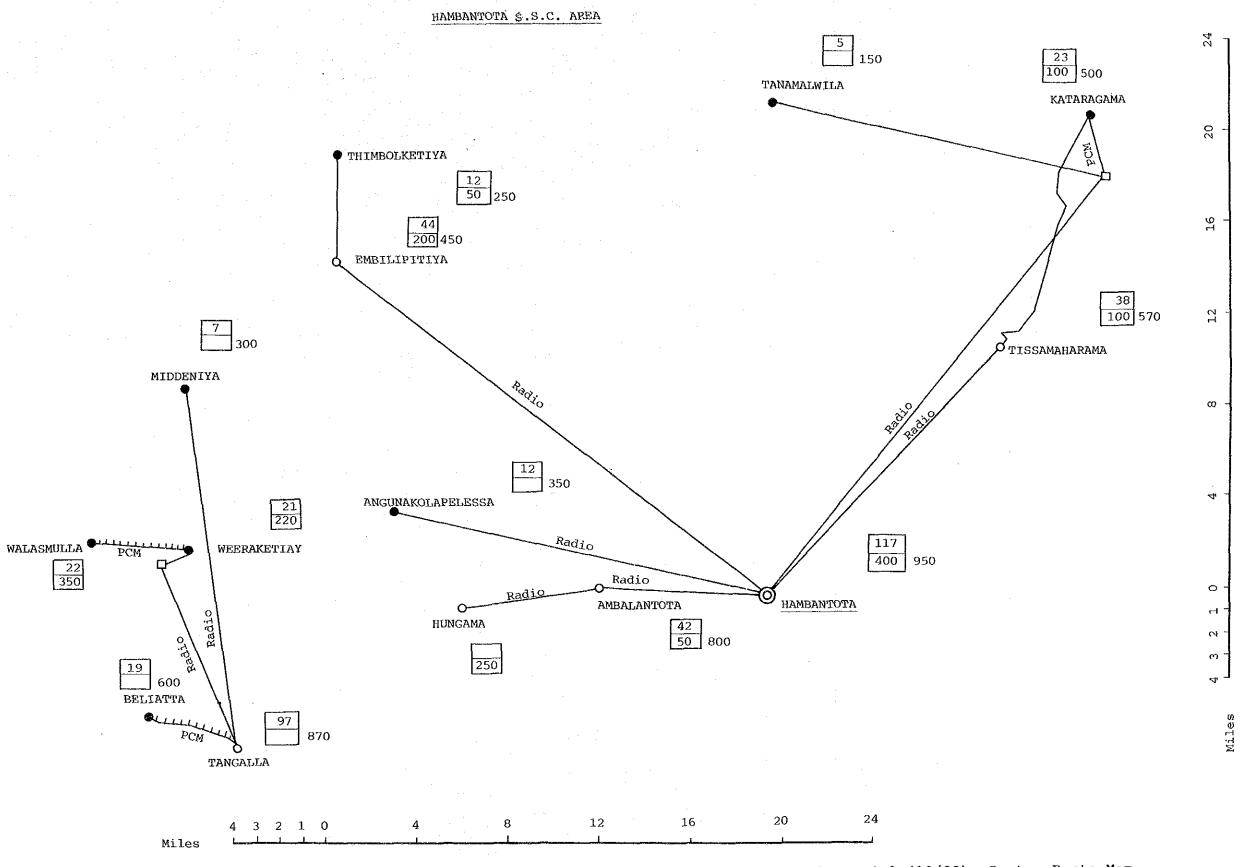


Figure 4-3 (10/28) System Route Map

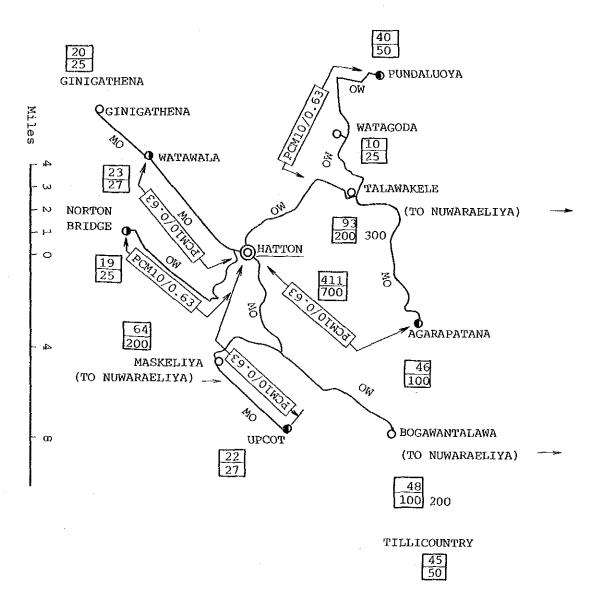


Figure 4-3 (11/28) System Route Map

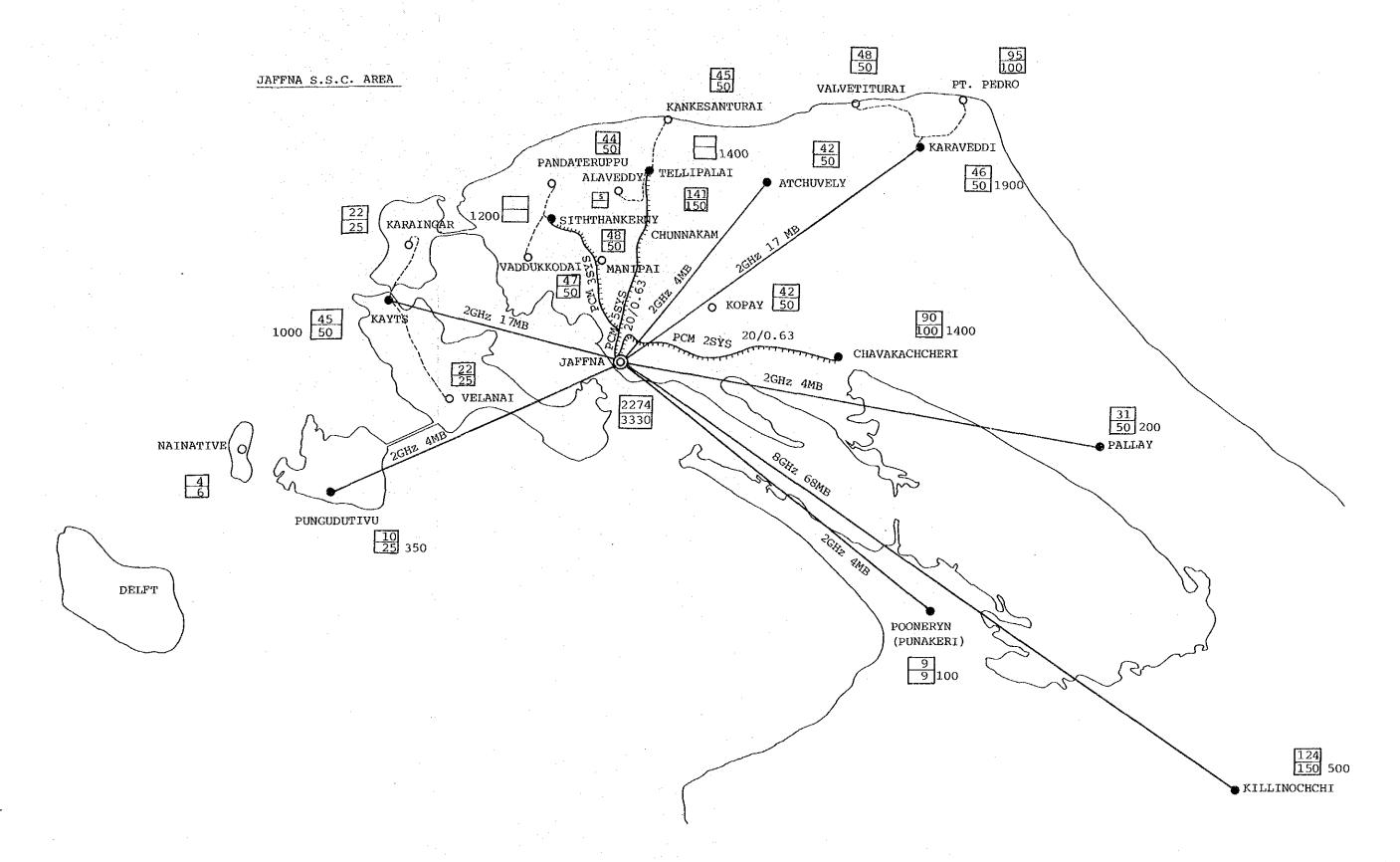


Figure 4-3 (12/28) System Route Map (JAFFNA SECONDARY AREA)

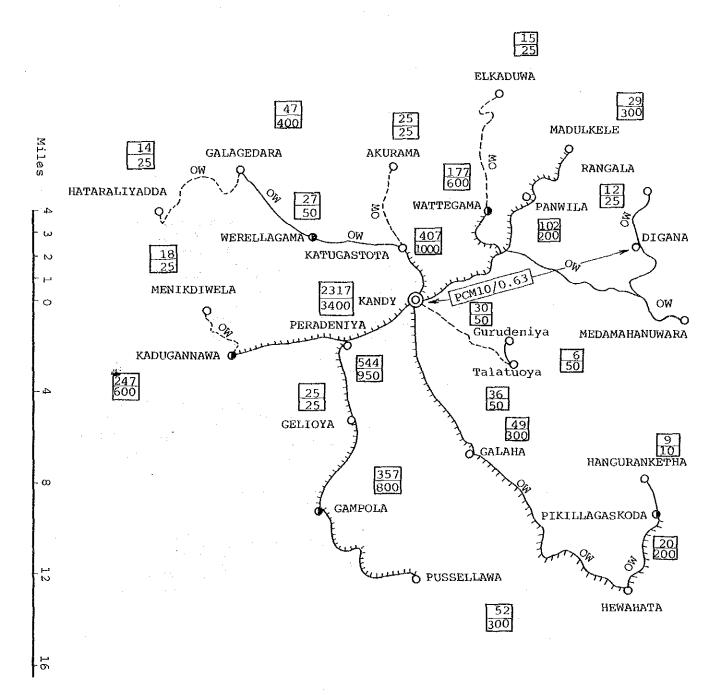
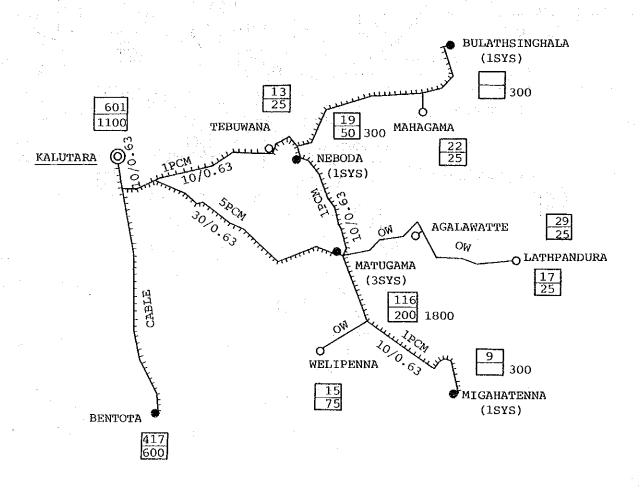
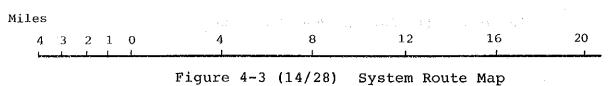


Figure 4-3 (13/28) System Route Map





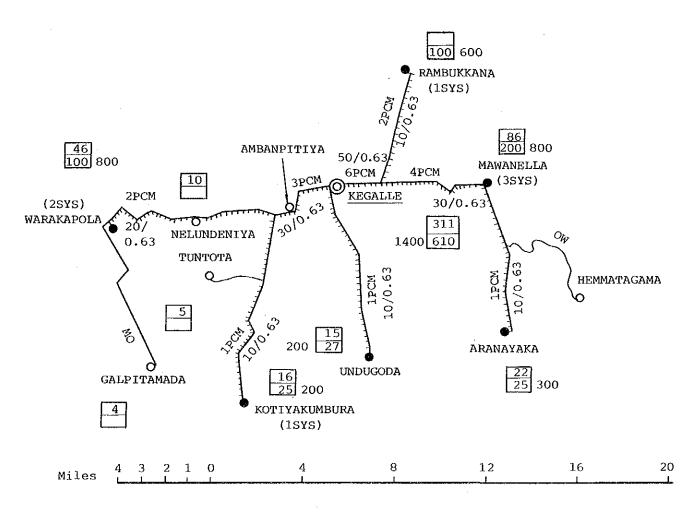
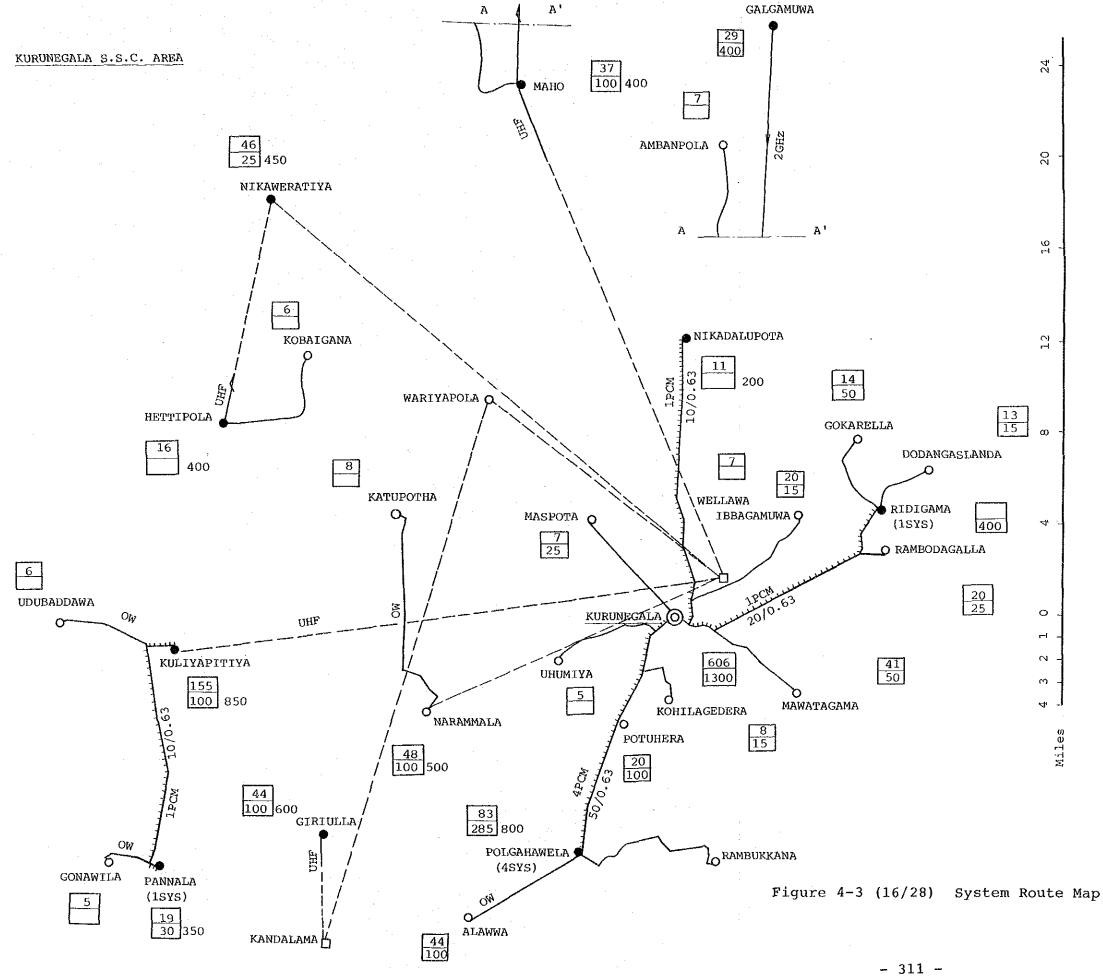
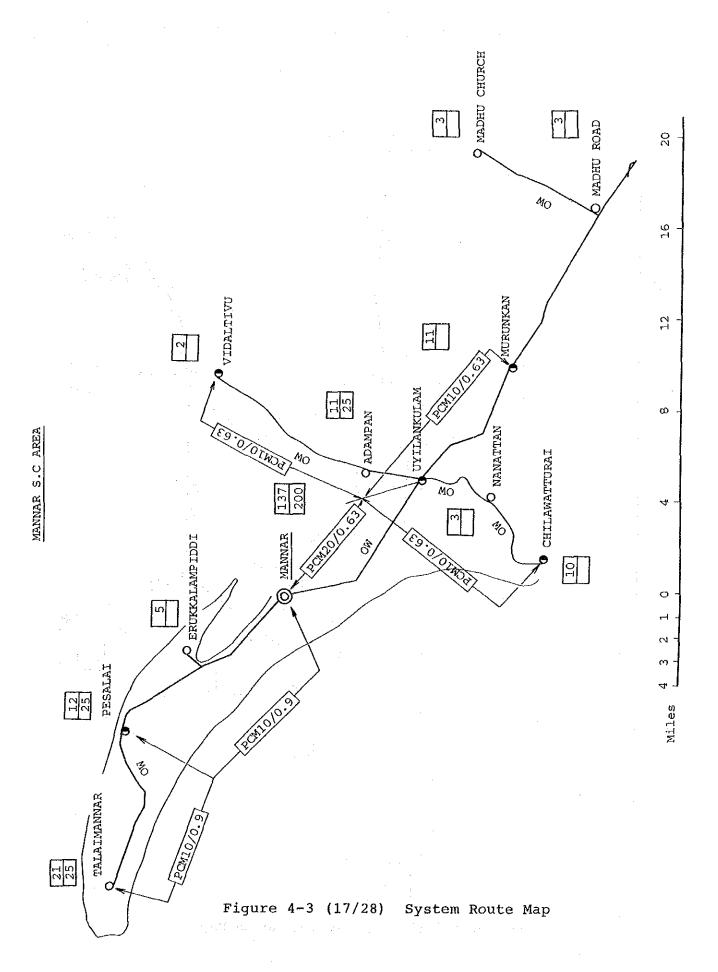


Figure 4-3 (15/28) System Route Map





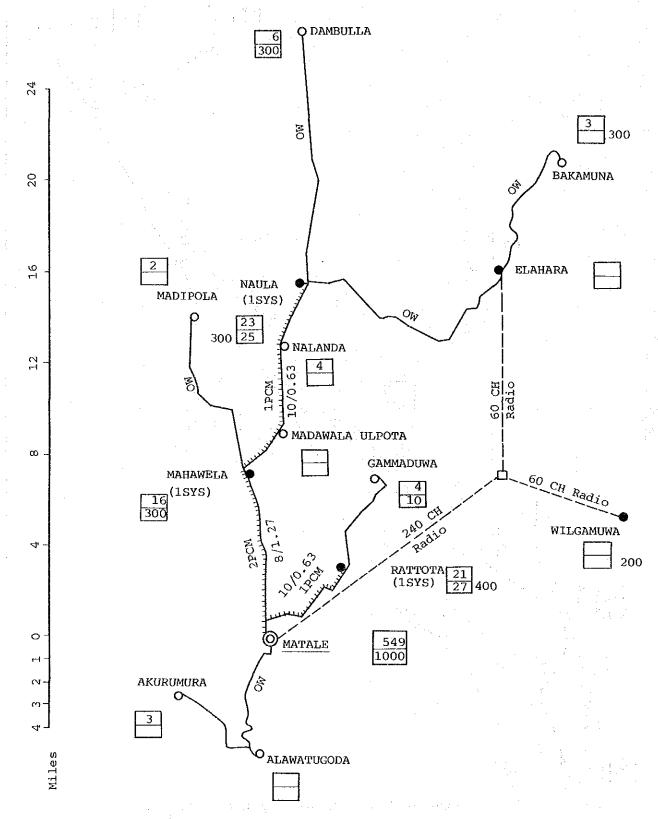
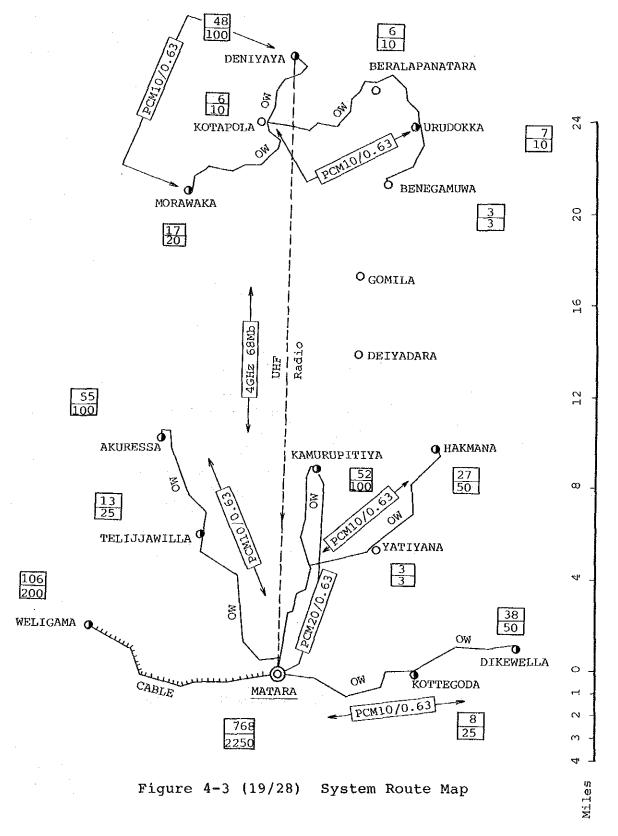


Figure 4-3 (18/28) System Route Map



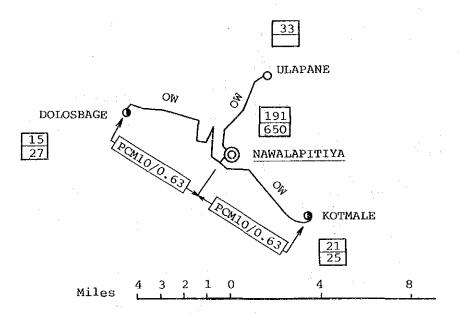


Figure 4-3 (20/28) System Route Map

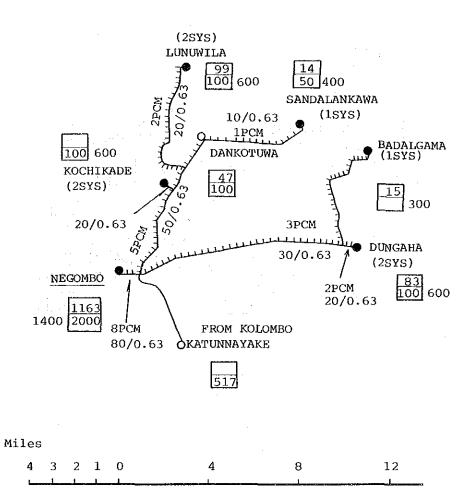


Figure 4-3 (21/28) System Route Map

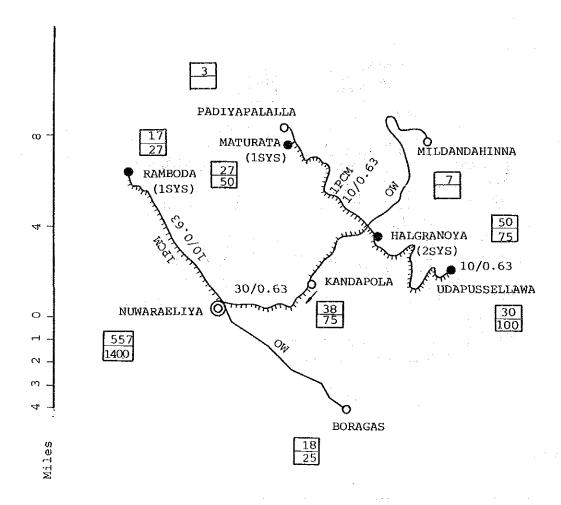


Figure 4-3 (22/28) System Route Map

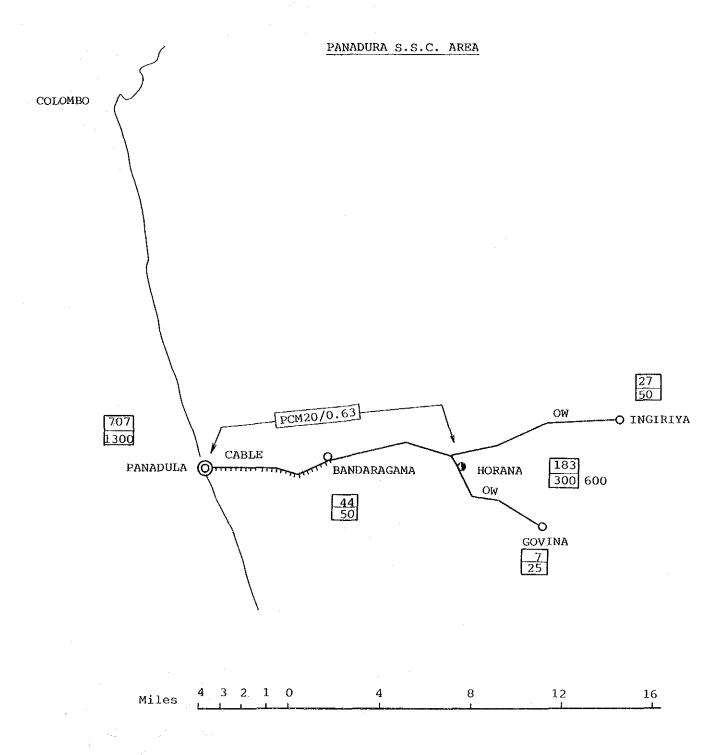
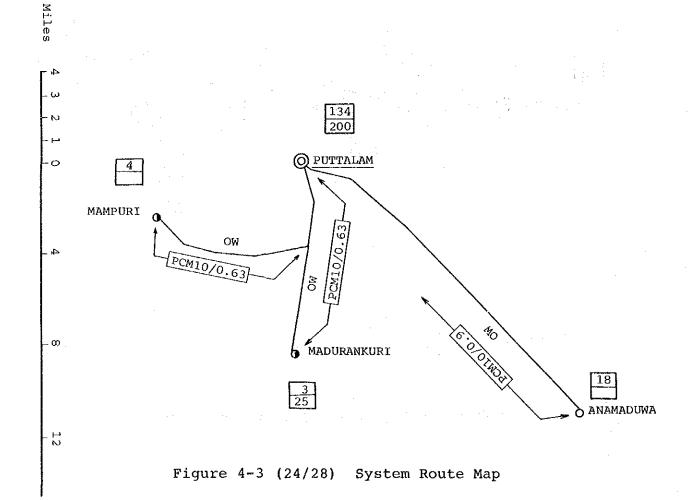


Figure 4-3 (23/28) System Route Map





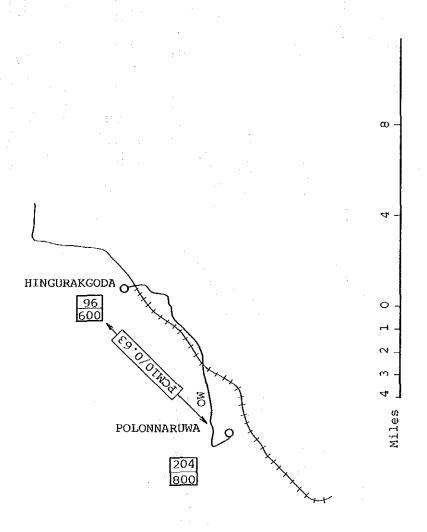


Figure 4-3 (25/28) System Route Map

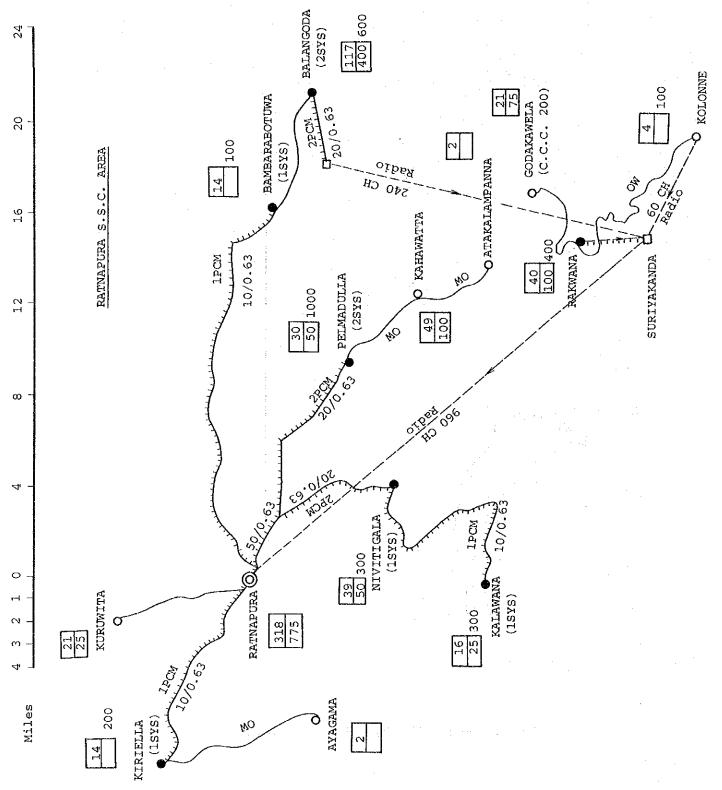


Figure 4-3 (26/28) System Route Map

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

