

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

SRI LANKA TELECOM (SLT)

THE STUDY
ON
TELECOMMUNICATIONS NETWORKS
IN
THE DEMOCRATIC SOCIALIST REPUBLIC OF
SRI LANKA

FINAL REPORT

VOLUME-V
DATA BOOK

MAY 1996

NIPPON TELECOMMUNICATIONS CONSULTING CO., LTD. (NTC)

JAPAN TELECOMMUNICATIONS ENGINEERING
AND CONSULTING SERVICE (JTEC)

TOKYO, JAPAN

SSS
JR
96-060

CURRENCY AND EQUIVALENT UNITS

As of May 1995

Currency Unit	=	Sri Lanka Rupees(SRs)
US\$ 1.00	=	SRs 50.0
SRs 1.00	=	US\$ 0.02

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CONTENTS

VOLUME-I SUMMARY

VOLUME-II MASTER PLAN

VOLUME-III FEASIBILITY STUDY FOR THE PRIORITY PROJECTS

VOLUME-IV SUPPORTING FOR MASTER PLAN

VOLUME-V DATA BOOK

PART 1 DATA BOOK FOR MASTER PLAN

DATA 1 Field Survey during the Master Plan Study 1-1-1

1. Findings on Field Survey by Technical Group 1-1-1

2. Collection Data on Field Survey by Socio-Economic Group 1-1-55

DATA 2 Existing Facilities and On-going Projects 1-2-1

1. Existing Exchange Facilities and On-going Projects 1-2-1

2. Existing External Plant and On-going Projects 1-2-13

3. Existing Transmission Facilities and On-going Projects 1-2-25

4. Charging File Organisation 1-2-31

5. CCS No.7 Signaling Format of SLT 1-2-35

PART 2 DATA BOOK FOR FEASIBILITY STUDY

DATA 1 Field Survey during the Feasibility Study 2-1-1

DATA 2 Demand Forecast in Cross-Connection Cabinet Area for
Local Network Expansion Project in Colombo Metro Area 2-2-1

DATA 3 External Plant Basic Design Drawings for Local Network
Expansion Project in Colombo Metro Area (9 Sample Areas) 2-3-1

ACRONYMS AND ABBREVIATIONS

ADB	Asian Development Bank
AMPS	Advanced Mobile Phone Services
ATM	Asynchronous Transfer Mode
B-ISDN	Broadband ISDN
BOO	Build, Own and Operate
BOT	Build, Operation and Transfer
BTT	Turnover Tax
CC	Country Code
CCB	Coin and Collection Box Telephone
CCS	Common Channel Signalling System
CLR	Circuit Loudness Rating
CSPDN	Circuit Switched Public Data Network
DANIDA	Danish International Development Agency
DEL	Direct Exchange Line
DF/R	Draft Final Report
DGT	Director General of Telecommunications
DN	Destination Network
DNC	Destination Network Code
DP	Distribution Point
DRMASS	Digital Radio Multiple Access Subscriber System
DUP	Data User Part
EDCF	Economic Development Co-operation Fund, Korea
EIRR	Economic Internal Rate of Return
ERC	Economic Restructure Credit
ERC II	Economic Restructure Credit II
F/R	Final Report
F/S	Feasibility Study
FDM	Frequency Division Modulation
FIRR	Financial Internal Rate of Return
FIRROE	Financial Internal Rate of Return on Equity
FIRROI	Financial Internal Rate of Return on Investment
FISU	Fill-in Signal Unit
FM	Frequency Modulation
FOTS	Fibre Optic Transmission System
GCTNIP	Greater Colombo Telecommunications Network Improvement Project
GDP	Gross Domestic Product
GMDSS	Global Maritime Distress and Safety System
GOSL	Government of Sri Lanka
GRDP	Gross Regional Domestic Product
GSM	Global System for Mobile Communication
HF	High Frequency
IC/R	Inception Report
IDA	International Development Bank
IDD	International Direct Dialling
IDN	Integrated Digital Network

IN	Intelligent Network
INMARSAT	International Maritime Satellite Organisation
INTELSAT	International Satellite Organisation
ISC	International Switching Centre
ISDN	Integrated Services Digital Network
ISPC	International Signalling Point Code
ISUP	ISDN User Part
IT/R	Interim Report
ITU	International Telecommunications Union
JICA	Japan International Co-operation Agency
LAN	Local Area Network
LE	Local Exchange
LR	Loudness Rating
LSSU	Link Status Signal Unit
M/P	Master Plan
MF	Medium Frequency
MIS	Management Information System
MSU	Message Signal Unit
MTP	Message Transfer Part
N-ISDN	Narrowband ISDN
NPV	Net Present Value
NSB	National Saving Bank
NSC	National Switching Centre
NSN	National Significant Number
O&M	Operation and Maintenance
ODA	Official Development Assistance
OECD	Overseas Economic Cooperation Fund, Japan
OLR	Overall Loudness Rating
PAD	Packet Assembly / Disassembly
PCM	Pulse Code Modulation
PDCA	Plan, Do, Check and Action
PDH	Presiochronous Digital Hierarchy
PIP	Public Investment Programme
POTS	Plain Ordinary Telephone Service
PSPDN	Packet Switched Public Data Network
PSTN	Public Switched Telephone Network
QC	Quality Control
RLR	Receiving Loudness Rating
RSU	Remote Switching Unit
RTE	Regional Telecommunications Engineer
SCCP	Signalling Connection Control Part
SCP	Signal Control Point
SCPC	Single Channel Per Carrier
SDH	Synchronous Digital Hierarchy
SEA-ME-WE3	International Submarine Cable (via South East Asia - Middle East - Western Europe)
SLR	Sending Loudness Rating

SLT	Sri Lanka Telecom
SLTA	Sri Lanka Telecommunications Authority
SLTD	Sri Lanka Telecommunications Department
SN	Subscriber Number
SRS	Subscriber Radio System
SSC	Secondary Switching Centre
STD	Subscriber Trunk Dialling
TACS	Total Access Communications System
TC	Trunk Code
TCAP	Transaction Control Application Protocol
TDM	Tandem Switch
TMN	Telecommunications Management Network
TQC	Total Quality Control
TSC	Tertiary Switching Centre
TUP	Telephone User Part
UHF	Ultra High Frequency
UPT	Universal Personal Communications
VHF	Very High Frequency
WB	World Bank

List of SLT's Telephone Exchange Codes (Alphabetical Order)

Exchange Name	Code
Ambanpola	ABP
Anuradhapura (OLD)	AD
Adampan	ADP
Ambalangoda	AG
Akuressa	AK
Alawwa	ALW
Angoda	AN
Anamaduwa	ANA
Angunukolapelassa	ANK
Agarapatana	AP
Ampitikanda	APK
Ampara	APR
Ambalantota	AQ
Akkaraipatthu	AR
Aralaganvila	ARG
Akurana	ARN
Altanakadawala	ATK
Ankumbura	AU
Achchuveli	AV
Awissawella	AW
Aranayaka	AY
Ayagama	AYG
Bogawantalawa	BA
Bambarabotuwa	BBT
Batticaloa	BC
Batticaloa 5ESS	BC1
Badulla	BD
Bandaragama	BDG
Badalgama	BDL
Baddegama	BE
Balangoda	BG
Bengamuwa	BGM
Bibile	BI
Badalkubura	BK
Bakamuna	BKM
Beliatla	BL
Boralanda	BLD
Bulathsinhala	BLS
Bingiriya	BN
Beruwala	BR
Beralapanatara	BRP
Baduraliya	BRY
Boralesgamuwa	BS
Bentola	BT
Battuluoya	BTL
Bulalkohupitiya	BU
Bandarawela	BW
Bullala	BZ
China Bay	CB

Exchange Name	Code
Central Camp	CC
Cheddikulam	CDD
Cheddipalaiyam	CDP
Craig Head	CHD
Chunnakam	CK
Central North E-10	CN
Chavakachcheri	CV
Chilawathura	CVT
Chilaw	CW
Central City E-10B	CY
Dambulla	DB
Diyabeduma	DBD
Dodangoda	DD
Diddeniya	DDN
Dolosbage	DG
Dehiatta Kandiya	DHK
Deraniyagala	DI
Digana	DIN
Dunagaha	DJ
Dankotuwa	DK
Deniyaya	DN
Peradeniya	DN
Delft	DQ
Dodanduwa	DU
Dikwella	DW
Thimbolketiya	EH
Embilipitiya	EMB
Elpitiya	EP
Eppawala	EPA
Erukkalampiddi	ERK
Eravur	EV
Galhinna	GAN
Giribawa	GB
Galle CONT.	GC
Ganemulla	GE
Galagedara	GG
Galgamuwa	GGM
Gafaha	GH
G.Ihala Korale	GIK
Galkiriyaagama	GKY
Galle SSC	GL
Galenbindunawewa	GLE
Galnewa	GLN
Galwela	GLW
Galigamuwa	GM
Gomarankadawala	GMK
Galamunnai	GMW
Gelloya	GO
Gampola	GP

Exchange Name	Code
Gampaha	GQ
Gampaha 1	GQ1
Gampaha 2	GQ2
Girandurukotte	GRK
Ginigathena	GT
Giriulla	GU
Hakmana	HA
Hambantota	HB
Habarana	HBR
Hokandara	HC
Habaraduwa	HD
Handessa	HDS
Haliela	HE
Hungama	HGB
Hingurana	HGR
Havelock TOWN	HK
Hikkaduwa	HKD
Hadummulla	HM
Hingurakgoda	HN
Homagama	HO
Haputale	HP
Hiripitiya	HPT
Horana	HR
Horowpathana	HRP
Halton	HT
Halgran oya	HY
Hettipola	HZ
Ingiriya	IG
Inginiyagala	IGG
Iakachi	IK
Imaduwa	IM
Irataperiyakulam	IPK
Jafna	JA
Jaela	JL
Kadugannawa	KA
Kataragama	KAG
Kaletiya	KAL
Kalpitiya	KAP
Kayts	KB
Kebitigollawa	KBT
Kochchikade	KC
Kuchchaweli	KCH
Kochchikade (RS)	KCR
Koslanda	KD
Koltegoduwa	KDE
Kodikamam	KDK
Kaduvela	KDL
Kandaketiya	KDT
Kadawata	KDW

List of SLT's Telephone Exchange Codes (Alphabetical Order)

Exchange Name	Code
Kotadeniyawa	KDY
Kegalle	KE
Kiriella	KEL
Kurunegala	KG
Kahatagasdigiliya	KGD
Kelaniya	KI
Kiliveddi	KID
Kamburupitiya	KJ
Kaimune	KL
Kolonna	KLN
Kuliyapitiya	KLY
Kotmale	KM
Kirimetiyana	KMT
Kankasanture	KN
Kantale	KNT
Kinniya	KNY
Kilinochchi	KO
Kosgoda	KOD
Kotiyakumbura	KOK
Kosgama	KOM
Kotapola	KOP
Katupota	KP
Kollupitiya	KPT
Kopay	KPY
Karainagar	KRG
Katugastota	KS
Kalutara	KT
Kathankudi	KTK
Katana	KTN
Katunayake	KTY
Kitulgala	KV
Karaveddy	KVD
Kehelwatta	KHW
Kuruwita	KW
Karawitagara	KWA
Kekirawa	KWA
Karuwalagaswewa	KWG
Kirindiwela	KWL
Kalawana	KWN
Kotte	KX
Kandy (A)	KYA
Kandy (B)	KYB
Kandy (C)	KYC
Karadiyanaru	KYN
Kandy TSC	KYT
Lunugamwehera	LGW
Laggala Pallegama	LPG
Lunuwila	LU
Malwana	MAL

Exchange Name	Code
Mannar	MB
Mahakumbukkadawala	MBD
Marawila	MC
Madu Church	MCH
Maradana	MD
Medagama	MDG
Madurankuliya	MDK
Mundel	MDL
Madu Road	MDR
Mardankadawala	MDW
Maskeliya	ME
Moratuwa	MF
Mattegoda	MG
Magandena	MGD
Megahatenna	MGE
Negampaha	MGP
Matara	MH
Maharagama	MHG
Mirigama	MI
Middeniya	MIA
Monaragala	MJ
Makandura	MKD
Mankulam (Jaffna SSC)	MKL
Mankulam (Vavuniya SSC)	MKL
Murunkan	MKN
Mulliyawalai	MLI
Madulsima	MM
Mamaduwa	MMD
Medamahanuwara	MMN
Madokele	MN
Mawanella	MNA
Manampitiya	MNP
Maha Oya	MO
Mulativu	MP
Maspota	MPT
Maho	MQ
Matugama	MR
Mediriyariya	MRG
Morawewa	MRW
Melsiripura	MSP
Manmunai South West	MSW
Matale	MT
Mihintale	MTE
Muthiyawela	MTH
Mattakkuliya	MTK
Muruthalawa	MTW
Maturata	MU
Muttur	MUT
Mt. Lavinia	MV

Exchange Name	Code
Mt. Lavinia CSE	MV(R)
Minuwangoda	MWG
Medawachchiya	MWI
Morawaka	MWK
Mawarala	MWR
Mawathagama	MWT
Madampe	MX
Manipay	MY
Mahiyanganaya	MYN
Nivitigala	NA
Neboda	NB
Narammala	NC
Negombo (CONT.)	NEC
Nochchiyagama	NCH
Nugegoda	ND
Nikadalupotha	NDP
Negombo	NE
Norton Bridge	NE
Nagoda	NF
Negombo (NX 61)	NG
Nintavur	NIT
Nikaweratiya	NK
Naula	NL
Nelululam	NLL
Nilaweli	NLV
Neluwa	NLW
Namunukula	NM
Nanatan	NN
Nedunkeni	NQ
Neriyakulam	NRK
Nawalapitiya	NT
Nainativu	NTV
Nuwera eliya	NW
Odduchuddan	ODU
Omantai	OM
Oluvil	OV
Pallai	PA
Pitabeddara	PBD
Padiyathalawa	PDT
Padaviya	PDY
Pelmadulla	PE
Panadura	PH
Passara	PJ
Padukka	PK
Punakari	PKR
Pannala	PL
Pallewela	PLA
Pallekele	PLK
Pelatiyawa	PLT

List of SLT's Telephone Exchange Codes (Alphabetical Order)

Exchange Name	Code
Palavi	PLV
Pulmodai	PME
Pooneryn	PN
Pinapana	PNP
Pallepola	POL
Pointpedro	PQ
Polonnaruwa	PR
Polpithigama	PRG
Porativu	PRT
Pesale	PSL
Padawi Sripura	PSP
Pasyala	PSY
Pandattarippu	PT
Pulasthigama	PTG
Potuhera	PTH
Puthukudiyirippu	PTK
Pilimathalawa	PTL
Potuvil	PTV
Punkunduthivu	PUN
Pussellawa	PV
Polgahawela	PW
Pawatukulam	PWK
Puttalam	PX
Pundaluoya	PY
Piliyandala	PYL
Rangala	RA
Ramboda	RB
Rambewa	RBW
Ruwanwella	RC
Rejakadatuwa	RD
Raddolugama	RDG
Ragama	RG
Ridigama	RGM
Rambukkana	RK
Rikillagaskada	RKL
Ratmalana	RM
Rukmalgama	RMG
Ratnapura	RN
Ranpokunagama	RPK
Rakwana	RW
Rattota	RX
Ridimaliyadda	RY
Siyambalanduwa	SBD
Siyabaladuwa	SD
Sevanagala	SEV
Sigiriya	SG
Sithankermi	SKR
Sandalankawa	SL
Sammanthurai	SMT

Exchange Name	Code
Seruwawila	SW
Sooriyawewa	SYW
Ehaliyagoda	TBL
Tabuttegama	TBT
Trincomalee	TC
Tangalle	TG
Thalpota	THP
Telijjawila	TJ
Talawakele	TK
Tirukkivil	TKV
Talawa	TL
Tillicoultry	TLC
Talaimannar	TM
Thunukkai	TNK
Tanamalwila	TNL
Toppur	TP
Thissamaharamaya	TR
Tirappane	TRP
Talatuoya	TT
Thawalama	TWL
Tampalakamam	TZ
Urubokka	UB
Udubeddawa	UBD
Undugoda	UD
Udappuwa	UDP
Udatuttiripitiya	UDT
Uhana	UHN
Ulukkulama	UKL
Uyilankulama	UKM
Udugama	UM
Urapola	UO
Udupussellawa	UP
Upcot	UPC
Uva Paranagama	UPR
Ukuwela	UW
Veyangoda	VG
Valachchena	VH
Velanai	VI
Vaddukodde	VK
Vidattaltivu	VKM
Vakarai	VKR
Velvetiture	VL
Veliveriya	VR
Vavuniya	VU
Wellawaya	WA
Walagoda	WB
Wedduwa	WD
Watawala	WF
Wilgamuwa	WG

Exchange Name	Code
Wattegama	WH
Wellampitiya	WI
Weligama	WJ
Warakapola	WK
Welikanda	WLK
Weligepola	WLP
Welimada	WM
Wariyapola	WP
Wattala	WT
Watumulla	WTM
Wanathawilluwa	WTW
Walasmulla	WU
Weeraketiya	WY
Anuradhapura	XA
Galle TSC	XG
Havelock TDM	XH
Yakkalamulla	YKM
Yatiyana	YMH
Central 5ESS	YS
Yatakalanpattuwa	YTP
Colombo ISC ARE13	ZA
Colombo ISC NEAX61	ZN
Colombo ISC 5ESS	ZS

PART 1

DATA BOOK FOR MASTER PLAN

DATA 1 OF PART 1

FIELD SURVEY DURING THE MASTER PLAN STUDY

- 1. Findings on Field Survey by Technical Group**
- 2. Collection Data on Field Survey
by Socio-Economic Group**

1. Findings on Field Survey by Technical Group

of

DATA 1 OF PART 1

FINDINGS ON FIELD SURVEY BY TECHNICAL GROUP

1. Outline of Field Survey

1.1 Objectives of Survey

The technical group of JICA Telecom Study team carried out the field survey with the cooperation with SLT staff on the following objectives:

- a) To understand the situation of regional telecommunication services,
- b) To investigate the conditions of existing telecommunication facilities,
- c) To find the problems on operation and maintenance in the field.

To perform the above objectives, the team collected the required information and data through the interview to Regional Telecommunication Engineer (RTE) and to operation and maintenance staff of exchanges, and the observation of the existing telecommunication facilities at sample sites.

1.2 Progress of Survey

The field survey was carried out on 24 through 29 April 1995 by two teams pallarely for North and South areas. Members of technical survey teams are as shown below.

Team	Organisation	Name	In-Charge	Remarks
North Team	JICA	J. Kurobe	Assist. Team Reader	
		S. Kioka	External Plant	
	SLT	D. S. Rahaman	Eng. Switching/Pl. I	
South Team	JICA	Y. Ishihara	Network Plan	
		D. Okeda	Transmission Network	
		J. Kawakami	Operation/Maintenance	3 days only
	SLT	N. D. K. Jagoda	Eng. Transmission/Pl. III	untill 26th
		K. Vicknarajah	Eng. External Plant/Pl. I	from 27th

Each team visited the selected RTE offices and exchanges based on the time schedule as shown below and **Figure 1-1**.

North Team:

No.	Date	Location Visited	Distance	Hotel
1	24 Apr (Mon)	Colombo - Negombo - Chilaw - Wariyapola - Kurunegala	140 km	Kurunegala
2	25 Apr (Tue)	Kurunegala - Dambulla - Mihintale	120 km	Mihintale
3	26 Apr (Wed)	Mihintale - Anuradhapura - Tambuttegama - Kekirawa - Habarana	130 km	Habarana
4	27 Apr (Thu)	Habarana - Hingurakgoda - Polonnaruwa	50 km	Polonnaruwa
5	28 Apr (Fri)	Polonnaruwa - Mannampitiya - Dchiattakandiya - Mahiyangana - Medamahanawara - Kandy	170 km	Kandy
6	29 Apr (Sat)	Kandy - PrimRose Hill (Radio) - Kandy - Kegalle - Colombo	120 km	

South Team

No.	Date	Location Visited	Distance	Hotel
1	24 Apr (Mon)	Colombo - Kalutara - Bentota - Hikkaduwa	100 km	Hikkaduwa
2	25 Apr (Tue)	Hikkaduwa - Galle - Coastal Stn. (Radio) - Imaduwa - Weligama	40 km	Weligama
3	26 Apr (Wed)	Weligama - Matara - Tangalle - Hambantota	110 km	Hambantota
4	27 Apr (Thu)	Hambantota - Tanamalwila - Wellawaya - Ella	140 km	Ella
5	28 Apr (Fri)	Ella - Nanunukula (Radio) - Badulla - Nuwara Eliya	100 km	Nuwara Eliya
6	29 Apr (Sat)	Nuwara Eliya - Hatton - Watawara - Colombo	180 km	

Note: Towns in **bold type** were locations where telephone exchanges were surveyed.

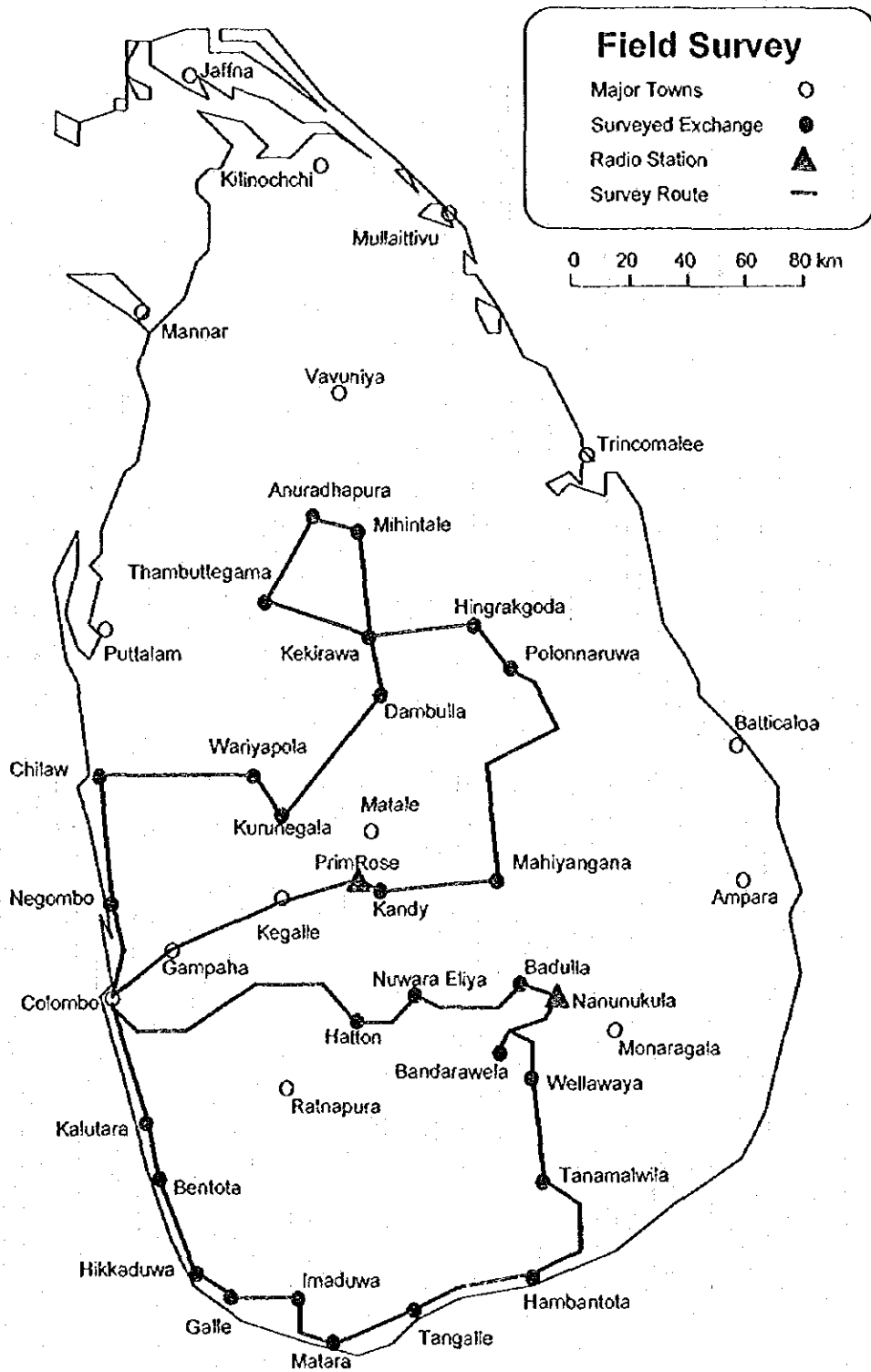


Figure 1-1 Technical Group Field Survey Route (24 through 29 April 1995)

2. Chilaw Region

2.1 Telephone Service

In Chilaw region, there are 7 automatic type exchanges and 6 small manual type exchanges. The telephone service is providing for customers only located along main roads. The total number of working subscriber lines is 1,946 and the total number of waiters is 3,306 in March 1995. In addition to such registered waiters, the approx. 1,000 hidden demand in the whole region is estimated by RTE of SLT.

The cellular mobile telephone service is provided by Celltel and Mobitel in Chilaw area. They use some space of exchange land and antenna tower of STL in Chilaw.

2.2 Network Development

Most of all existing telecommunication facilities are very old. The main switching equipment in Chilaw is C23SE X-Bar type which installed in 1983. The Step-by-Step type switch is also operated in Anamaduwa and Bingiriya towns. The mono-coaxial cable transmission system is still used in Negonbo-Chilaw-Puttalam route which installed more than 20 years ago. Overhead lines are mostly used in the local cable network in this region. These facilities are not so reliable at present. RTE strongly requested to replace such old facilities as soon as possible.

There are high potential demand for telephone service in many towns. RTE of SLT listed the following 6 towns where new exchanges be installed with 100-300 lines:

Dummalsuliya,	Kotturamula,	Welpenaghamura,
Mundal,	Madurankuli,	Kalpitiya.

3. Kurunegala Region

3.1 Telephone Service

In Kurunegala region, there are 13 automatic type exchanges. STD telephone service is provided for all subscribers. The total number of working subscriber lines is 3,880 and the total number of waiters is 7,501 in March 1995. In addition to such registered waiters, the

approx. 7,500 hidden demand in the whole region is estimated by RTE of SLT. A half of waiters has registered more than 4 years before.

The cellular mobile telephone service is provided by Celltel and Mobitel in Kurunegala area. They use some space of the land and antenna tower at Kurunegala Rock radio repeater station of STL.

3.2 Network Development

In this region, the switching system and trunk transmission links are completely digitalized 10 years ago. The service quality is good even though the capacity is not sufficient for new connection of waiters. For expansion of trunk links, the installation work of new microwave system has commenced by Fujitsu under ADB project. One Digital Multi-Access Radio Subscriber system (DMARS by NEC) is also under installation by SLT.

As candidate sites for new telephone exchanges in future, RTE listed the following 9 towns with 100-300 lines demand:

Ambanpola,	Polpitigama,	Melsinpura,
Ibbagamuwa,	Mawatagama,	Potuhera,
Alawawa,	Katupota,	Udubaddawa.

3.3 Operation and Maintenance

Number of faults is not so many in the exchange and underground cables. However, many faults are observed in overhead lines due to lightning and stealing problems. Stealing problem arises frequently (10-12 times/month). It takes several days for clearance of each fault by stealing overhead wires. This is specific problem in this region.

4. Anuradhapura Region

4.1 Telephone Service

In Anuradhapura region, there are 12 automatic type exchanges. STD telephone service is provided for all subscribers. The total number of working subscriber lines is 2,824 and the total number of waiters is 3,356 in March 1995. In addition to such registered waiters, the approx. 3,400 hidden demand in the whole region is estimated by RTE of SLT.

The cellular mobile telephone service is provided by Mobitel in Anurhadapura area. The Mobitel uses some space of the land and antenna tower at Anurhadapura exchange of STL.

4.2 Network Development

The switching system and trunk transmission links are already digitalized. The service quality is good even though the capacity is not sufficient for new connection to waiters. For expansion of network, the new facilities will come soon under the trunk transmission project and 150K project. One Digital Multi-Access Radio Subscriber system (DMARS by NEC) will also be installed by SLT in this year.

As candidate sites for new telephone exchanges in future, RTE listed the following 5 towns with 100-300 lines demand:

Maradankadawala,	Tirappane,	Nachchaduwa,
Tantirimale,	Kekirawa (expansion).	

4.3 Operation and Maintenance

Number of faults is not so many in the exchange and underground cables. However, many faults are observed in overhead lines and telephone sets.

5. Polonnaruwa Region

5.1 Telephone Service

In Polonnaruwa region, only two automatic type exchanges (Polonnaruwa and Hingragoda) are operated. The total number of working subscriber lines is 816 and the total number of waiters is 1,616 in April 1995. In addition to such registered waiters, the approx. 1,600 hidden demand in the whole region is estimated by RTE of SLT.

The cellular mobile telephone service is not provided yet in this region.

5.2 Network Development

All telecommunication facilities are very old. The switching equipments are C23 X-Bar type which installed in 1980. These facilities are not so reliable at present and will be replaced to new digital systems under the 150K project. One Digital Multi-Access Radio Subscriber system (DMARS by NEC) is also under installation by SLT.

There are high potencial demand for telephone service in many towns. RTE of SLT listed the following 6 towns where new exchanges be installed with 100-300 lines:

Medirigiriya,	Dulatigama,	Attanakadawala,
Welikanda,	Dehiattakandiya,	Girandurukotte.

5.3 Operation and Maintenance

Number of faults is not so many in the exchange and underground cables. However, many falts are observed in overhead lines and telephone sets.

6. Kandy Region

6.1 Telephone Service

Kandy region includes Nawalapitiya SSC area also. There are 16 automatic type exchanges and 2 radio subscriber systems. STD telephone service is provided for all subscribers. The total number of working subscriber lines is 8,982 and the total number of waiters is 13,885 in February 1995. In addition to such registerd waiters, the approx. 12,000 hidden demand in the whole region is estimated by RTE of SLT.

The cellular mobile telephone service is provided by Mobitel and Celltel in Kandy town area.

6.2 Network Development

The switching system and trunk transmission links are not yet digitalized in small size exchanges. X-Bar type and SxS switching systems are operated in 7 exchanges and 4 exchanges, respectively. The service quality is not so sufficient in such analog exchanges.

The capacity of existing facilities is too small considering many waiters. Especially, the cable network is very poor in volume and quality. The expansion of switching system is ongoing under World Bank project and will be completed mid of this year. However, the expansion of cable network will be delayed about one year.

6.3 Operation and Maintenance

Number of faults is not so many in the exchange. However, many faults are observed in overhead lines and underground cables.

7. Kalutara Region

7.1 Telephone service

There are three main exchanges and eight remote switch units in Kalutara Region. The main exchanges are NEAX-61K digital exchange situated in Kalutara, DX-210 digital exchange in Horana and C460 analogue exchange in Panadura. Out of the eight remote switch units, six units are connected to NEAX-61K in Kalutara, one is connected to DX-210 in Horana and one is connected to E-10B exchange in Maradana in Colombo. There is no manual exchange. The total number of working subscriber lines is 4,562 and the total number of waiters is 9,083 as of December 1994.

7.2 Network Development

The exchanges in the Kalutara Region were introduced in the period of 1985 to 1993. As a relief step to meet high demand, a remote switch unit was extended from Maradana exchange in Colombo to Kalutara.

New exchange will be introduced in Bandaragama, Kehelwatta, Wedduwa and Dodangoda under the on-going projects. The exchange capacity will be increased up to 45,990 lines from the existing capacity of 6,162 lines by the on-going projects.

The followings are the areas appealed by local officials of Kalutara Region where providing easy access to telephone service is urgent.

Bentota

Gonagala
Miriswatta
Thunduwā
Induruwa
Part of the Aluthgama -
Mathugama road

Megabatenna

Acoiththacoa - Yagirala
Gulacoita
Yattapatha
Kithulgoda

Lihiniyawa

Mathugama

Badureliya - Atweltota
- Molkawa

Kalutara

Galpatha - Indilanda
Morontuduwa
More part of
wadiyamankada -
Kesbewa road.

They stated that new exchanges were necessary in Morontuduwa (1,000 lines), Baduraliya (1,000 lines), Lewanduwa (500 lines), Yattapatha (200 lines), and Ittapara (1,000 lines).

7.3 Operation and Maintenance

Number of faults is not so many in the exchange and underground cables. However, many faults are found in overhead lines and telephone sets.

8. Galle Region

8.1 Telephone service

Galle is one of the most important points in the SLT telephone network being the Tertiary Switching Centre in southern districts. There are five main exchanges and eight remote switch units in Galle Region. Main exchanges are Galle TSC (NEAX-61K), Galle SSC (NC-460), Galle Container (NEAX-61E), Hikkaduwa (NEAX-61VSE) and Dodanduwa (MILT-64). The rest are RSUs. There is no manual exchange in Galle Region.

The total number of working subscriber lines is 3,393 and the total number of waiters is 6,307 as of December 1994.

8.2 Network Development

Most part of the exchanges were installed in late 1980s or early 1990s. Galle SSC now being served by NC-460 will be replaced with a digital exchange under the World Bank II project and expanded under the 150K project. Galle container exchange will be removed. The rest of the exchanges in Galle Region will be expanded under the World Bank II or 150K projects. The exchange capacity of the Region, which is 5,093 at present, will be 20,385 lines after on-going projects in 1997.

8.3 Operation and Maintenance

Number of faults is not so many in the exchange and underground cables. However, many faults are found in overhead lines and telephone sets.

9. Matara Region

9.1 Telephone service

Matara Region has been an old fashioned area in telecommunications service before the recent cut-over of Matara DX-220 digital exchange and its remote switch units. There were three cross-bar exchanges, seven step-by-step exchanges and five manual exchanges.

The total number of working subscriber lines was 1,830 as of December 1994. The waiters had totalled 6,908 before the cut-over.

9.2 Network Development

The old-fashioned cross-bar exchanges and manual boards are under replacement by introducing Nokia's DX-210 digital exchange and its remote switch units. The replacement by digital exchanges will be completed soon. Bengamuwa, Beralalpanatara and Makandura, which were offered service by manual boards or subscriber line extension system, are going to be merged into near-by digital remote switch units. After the new network is completed, Matara Region will have one host exchange (DX-210) and 14 remote switch units. The total exchange capacity will be expanded to 17,297 lines from 2,115 lines under the running Finnish Export Credit Project. At the same time, old analogue transmission links in this region are under replacement with digital link. Both microwave system and fibre optic cable system are adopted.

The R.T. E. Matara pointed out at the interview to JICA Study Team that, being stimulated by the recent introduction of new digital exchanges, new applications were arising remarkably. He added new remote units would be necessary to meet the demand in Mulatiyana (200 lines) and Kakanadura (150 lines). He added Midigama, Ibbawala, Opatha, Hiniduma, and Banagala were not covered by the on-going project.

9.3 Operation and Maintenance

Number of faults is not so many in the exchange and underground cables. However, many faults are found in overhead lines and telephone sets.

10. Hambantota Region

10.1 Telephone service

There are 15 digital exchanges in Hambantota Region. They are digital exchanges introduced in late 1980s. Hambantota exchange is the main exchange having four host exchanges under it. Ten remote switch units come under those main or host exchanges.

The total number of working lines is 2,793. The number of waiters is 2,311 as of December 1994.

10.2 Network Development

Hambantota, the main exchange; Ambalantota, Embilipitiya, Tangalle, and Tissamaharamaya, the host exchange; and Belliatta and Kataragama, the remote switch units; will be expanded under the 150K project. The rest, or eight RSUs, have no expansion plan. The total exchange capacity will become 8,414, which is 4,326 at present. Transmission links in this region was fully digitalised in late 1980s.

10.3 Operation and Maintenance

Number of faults is not so many in the exchange and underground cables. However, many faults are found in overhead lines and telephone sets.

11. Badulla Region

11.1 Telephone service

There are 10 digital exchanges in Badulla Region. They are digital exchanges introduced in late 1980s. Badulla exchange is the host exchanges of NEAX-61 having nine remote switch units under it. There is no manual exchange and analogue automatic exchange in the Region. Buttala area telephone service is provided by a radio multi-access system having 97 subscribers.

Total number of working subscriber lines in Baddula Region is 3,208 and the total number of waiters are 1,616.

11.2 Network Development

A new small exchange will be introduced in Buttala area under the 150K project. The exchange capacity of the rest, other than Kandaketiya and Masulsima, will be expanded under the 150K project. Total exchange capacity, which is 3,586 lines at present, will be 7,088 lines when the on-going project completes.

DGM Uva pointed out that the expansion of external plant in Madulsima is urgent due to a rapid increase of telephone demand in that area. He added that Medagama and Badulkumbura were remote from the existing exchange Bibile and Passara and needed to have local traffic concentration nodes.

DGM Uva, who is also in charge of Bandarawela Region, pointed out that the expansion of external plant in Koslanda and Ampitikanda is urgent due to a rapid increase of telephone demand in those areas. He added that Haldummulla and Bogahakumbura were remote from the existing exchange Haputale and Welimada and needed to have local traffic concentration nodes.

11.3 Operation and Maintenance

Number of faults is not so many in the exchange and underground cables. However, many faults are found in overhead lines and telephone sets.

12. Nuwara Eliya Region

12.1 Telephone service

There are 8 digital exchanges in Nuwara Eliya Region. They were mostly introduced in late 1980s. Nuwara Eliya exchange is the host exchanges of NEAX-61 having seven remote switch units under it. There is no manual exchange and analogue automatic exchange in the Region.

Total number of working subscriber lines in Nuwara Eliya is 1,860 and the total number of waiters are 1,116.

12.2 Network Development

A new traffic concentration node will be introduced in Upcot area under the World Bank II project. The exchange capacity of the rest, other than Nuwara Eliya NEAX-61K, Ramboda RSU and Udupussellawa, will be expanded under the 150K project. Total exchange capacity, which is 2,848 lines at present, will be 3,396 lines when the on-gong project completes.

DGM Uva pointed out that the expansion of switching capacity and/or external plant would be necessary in Ramboda, Wathumulla, Maskeliya, and Talawakele even after the on-going project due to a rapid increase of telephone demand in such areas. He added that Borgas, Kandapola and Padiyapellella were remote from the existing exchange Nuwara Eliya and needed to have local traffic concentration nodes.

12.3 Operation and Maintenance

Number of faults is not so many in the exchange and underground cables. However, many faults are found in overhead lines and telephone sets.

13. Hatton Region

13.1 Telephone service

There are eight old type exchanges in Hatton Region. Among them, the Hatton exchange is of the type NC-400, Tillicoultry exchange is of the manual type. The rest are step-by-step exchanges. There is no digital exchange.

Total number of working subscriber lines in Hatton Region is 803 and the total number of waiters are 665 as of December 1994.

13.2 Network Development

The old type exchanges are going to be replaced with digital exchanges, except Ginigathena and Tillicoultry, under the World Bank II project. This replacement is expected to complete soon.

The local officials of Hatton Region appealed to JICA Study Team that new exchanges should be introduced into Patana, Kotgala, Lindula, Dickoya, Norwood, Laksha Dana, and a radio link to Dell.

DGM Uva pointed out that Tillicoutree, served by a Magneto board, was remote from the existing exchange Nuwara Eliya and needed to have a digital rural multi-access system.

13.3 Operation and Maintenance

Number of faults is not so many in the exchange and underground cables. However, many faults are found in overhead lines and telephone sets.

Present Conditions of Telephone Exchange

Date Surveyed: 24 Apr, 1995
 Exchange Name: NEGOMBO

1. Subscribers

Connected Lines: 1,918 → Business use: (40%)
 Waiting Applicants: 3,562 → Residence use: (60%)
 Hidden Demand: ? (% of waiters)

2. Switching System

	(Unit-1)	(Unit-2)
Type / Model:	<u>NEAX-61K</u>	<u>NEAX-61E (Container)</u>
Capacity:	<u>1,200</u>	<u>1,000</u>
Manufacturer:	<u>NEC</u>	<u>NEC</u>
Installed Year:	<u>Aug, 1983</u>	

Another unit (C460 in 1973) has retired in March 1995.

3. Local Cables at MDF

Total Pairs: 2,100 → Plastic insulated: (50%)
 Damaged Pairs: approx. 210 → Paper insulated: (50%)
installed in 1973.

4. Power Supply

	(Unit-1)	(Unit-2)
Rectifier:	<u>200 A 3 sets</u>	<u>40 A 2 sets</u>
	<u>Installed year 1983</u>	<u>Installed year 1973</u>
Batteries:	<u>1,000 AH 2 banks</u>	<u>400 AH 2 banks</u>
	<u>Installed year 1983</u>	<u>Installed year 1973</u>
Engine Generator:	<u>175 kVA 1 sets</u>	<u>— kVA sets</u>
	<u>Installed year 1983</u>	<u>Installed year</u>

5. Trunk Links

Refer to the attached diagram.

6. Radio Subscriber Lines

Multi-Access:	<u>Analog/Digital</u>	<u>MHz</u>	<u>—</u>	<u>lines/</u>	<u>systems</u>
	<u>Analog/Digital</u>	<u>MHz</u>	<u>—</u>	<u>lines/</u>	<u>systems</u>
Single Channel:	<u>Analog/Digital</u>	<u>MHz</u>	<u>—</u>	<u>lines/</u>	<u>systems</u>

7. Problems

Reason of waiting applicants:

Insufficient capacity of the existing facilities.

Reason of faults:

Disconnection or low insulation of the subscriber cables.

Problems on maintenance:

*The existing local cable network is not so reliable.
 N-61E switch was damaged by lightning in last month.*

Present Conditions of Telephone Exchange

Date Surveyed: 26 Apr. 1995
 Exchange Name: CHILAW

1. Subscribers

Connected Lines: 857 ————> Business use: _____ (%)
 Waiting Applicants: 703 ————> Residence use: _____ (%)
 Hidden Demand: approx 1,000 (_____ % of waiters)

2. Switching System

	(Unit-1)	(Unit-2)
Type / Model:	<u>C23SE (Container)</u>	<u>E10B-RSU (CEN)</u>
Capacity:	<u>1,026</u>	<u>250</u>
Manufacturer:	<u>Hitachi</u>	<u>Alcatel</u>
Installed Year:	<u>1983</u>	<u>1994</u>
		<i>This unit connected to Colombo.</i>

3. Local Cables at MDF

Total Pairs: _____ ————> Plastic insulated: _____ (%)
 Damaged Pairs: _____ ————> Paper insulated: _____ (%)

4. Power Supply

	(Unit-1)	(Unit-2)
Rectifier:	<u>100 A 1 sets</u>	_____ A _____ sets
	<u>Installed year 1980</u>	<u>Installed year</u>
Batteries:	<u>? AH 1 banks</u>	_____ AH _____ banks
	<u>Installed year 1990</u>	<u>Installed year</u>
Engine Generator:	<u>? kVA sets</u>	_____ kVA _____ sets
	<u>Installed year</u>	<u>Installed year</u>

5. Trunk Links

Refer to the attached diagram.

6. Radio Subscriber Lines

Multi-Access:	<u>Analog/Digital 400 MHz</u>	<u>43 lines / 1 systems</u>
	<u>Analog/Digital _____ MHz</u>	<u>lines / _____ systems</u>
Single Channel:	<u>Analog/Digital _____ MHz</u>	<u>lines / _____ systems</u>

7. Problems

Reason of waiting applicants:

Insufficient capacity of the existing facilities.

Reason of faults:

Problems on maintenance:

Local cable network is not so reliable due to aerial type.

Present Conditions of Telephone Exchange

Date Surveyed: 26 Apr. 1985
 Exchange Name: WARİYAPOLA

1. Subscribers

Connected Lines: 191 → Business use: _____ (%)
 Waiting Applicants: 278 → Residence use: _____ (%)
 Hidden Demand: ? (_____ % of waiters)

2. Switching System

	(Unit-1)	(Unit-2)
Type / Model:	<u>NEAX-61-RS4-RS</u>	_____
Capacity:	<u>192</u>	_____
Manufacturer:	<u>NEC</u>	_____
Installed Year:	<u>Dec. 1985</u>	_____

3. Local Cables at MDF

Total Pairs: 400 → Plastic insulated: 400 (100%)
 Damaged Pairs: ? → Paper insulated: - (_____ %)

4. Power Supply

	(Unit-1)	(Unit-2)
Rectifier:	<u>200 A 2 sets</u>	_____ A _____ sets
	<u>Installed year 1985</u>	<u>Installed year</u>
Batteries:	<u>1,200 AH 2 banks</u>	_____ AH _____ banks
	<u>Installed year 1985</u>	<u>Installed year</u>
Engine Generator:	<u>none kVA sets</u>	_____ kVA _____ sets
	<u>Installed year</u>	<u>Installed year</u>
	<u>not completely installed.</u>	

5. Trunk Links

Refer to the attached diagram.

6. Radio Subscriber Lines

Multi-Access:	Analog/Digital	MHz	lines /	systems
	Analog/Digital	MHz	lines /	systems
Single Channel:	Analog/Digital	MHz	lines /	systems

7. Problems

Reason of waiting applicants:

Reason of faults:

Problems on maintenance:

Frequent cut-off of commercial power, but not so long period.

Present Conditions of Telephone Exchange

Date Surveyed: 25 Apr. 1985
 Exchange Name: KHRI NEGARA

1. Subscribers

Connected Lines: 1.724 → Business use: (70 %)
 Waiting Applicants: 2.564 → Residence use: (30 %)
 Hidden Demand: approx. 4,000 (100 % of waiters)

2. Switching System

	(Unit-1)	(Unit-2)
Type / Model:	<u>NEAX-6/K</u>	_____
Capacity:	<u>2,232</u>	_____
Manufacturer:	<u>NEC</u>	_____
Installed Year:	<u>Dec. 1982</u>	_____

3. Local Cables at MDF

Total Pairs: 3,100 → Plastic insulated: 3,100 (100 %)
 Damaged Pairs: approx. 600 → Paper insulated: — (— %)

4. Power Supply

	(Unit-1)	(Unit-2)
Rectifier:	<u>200 A 4 sets</u>	_____ A _____ sets
	<u>Installed year 1982</u>	<u>Installed year _____</u>
Batteries:	<u>800 AH 2 banks</u>	_____ AH _____ banks
	<u>Installed year 1982</u>	<u>Installed year _____</u>
Engine Generator:	<u>25 kVA 1 sets</u>	_____ kVA _____ sets
	<u>Installed year 1982</u>	<u>Installed year _____</u>

5. Trunk Links

Refer to the attached diagram.

6. Radio Subscriber Lines

Multi-Access:	<u>Analog/Digital 2,300 MHz</u>	<u>under installation by SLT.</u>
	_____ MHz	_____ lines / _____ systems
	<u>Analog/Digital _____ MHz</u>	_____ lines / _____ systems
Single Channel:	<u>Analog/Digital _____ MHz</u>	_____ lines / _____ systems

7. Problems

Reason of waiting applicants:
Delay of expansion program. 690 lines were expanded in the last year. New connection work is on-going.

Reason of faults:
Lightning, stealing of over-head wires and disconnection. (10-12 times/month)

Problems on maintenance:
Strong lightning.

Present Conditions of Telephone Exchange

Date Surveyed: 25 Apr. 1995
 Exchange Name: DAMBULLA

1. Subscribers

Connected Lines: 190 → Business use: _____ (%)
 Waiting Applicants: _____ → Residence use: _____ (%)
 Hidden Demand: _____ (% of waiters)

2. Switching System

	(Unit-1)	(Unit-2)
Type / Model:	<u>C235A</u>	<u>NEAX-61, RSU-RS</u>
Capacity:	<u>200</u>	<u>240</u>
Manufacturer:	<u>Hitachi</u>	<u>NEC</u>
Installed Year:	<u>1980</u>	<u>1995 from Wariyapola,</u>
	<u>Connecting to Matale,</u>	<u>Connecting to Anuradapura.</u>
	<u>Unit 1 be cutover to Unit-2 on 29 Apr. 1995.</u>	

3. Local Cables at MDF

Total Pairs: 300 → Plastic insulated: 300 (100%)
 Damaged Pairs: _____ → Paper insulated: - (%)

4. Power Supply

	(Unit-1)	(Unit-2)
Rectifier:	<u>30 A / sets</u>	<u>50 A 2 sets</u>
	<u>Installed year 1980</u>	<u>Installed year</u>
Batteries:	<u>400 AH / banks</u>	<u>250 AH / banks</u>
	<u>Installed year 1980</u>	<u>Installed year 1995 (second hand)</u>
Engine Generator:	<u>25 kVA / sets</u>	<u>kVA sets</u>
	<u>Installed year 1980</u>	<u>Installed year</u>

5. Trunk Links

Refer to the attached diagram.

6. Radio Subscriber Lines

Multi-Access:	<u>Analog/Digital 400 MHz</u>	<u>6 lines / / systems</u>
	<u>Analog/Digital MHz</u>	<u>lines / systems</u>
Single Channel:	<u>Analog/Digital MHz</u>	<u>lines / systems</u>

7. Problems

Reason of waiting applicants:

Reason of faults:

Problems on maintenance:

Present Conditions of Telephone Exchange

Date Surveyed: 25 April, 1995
 Exchange Name: MIHINTALE

1. Subscribers

Connected Lines: 180 → Business use: _____ (%)
 Waiting Applicants: _____ → Residence use: _____ (%)
 Hidden Demand: _____ (% of waiters)

2. Switching System

(Unit-1)

(Unit-2)

Type / Model: NEAX-6/E _____
 Capacity: 256 _____
 Manufacturer: NEC _____
 Installed Year: Sep, 1993 _____

3. Local Cables at MDF

Total Pairs: 600 → Plastic insulated: 600 (100%)
 Damaged Pairs: - → Paper insulated: - (%)

4. Power Supply

(Unit-1)

(Unit-2)

Rectifier: 100 A 2 sets _____ A _____ sets
 Installed year _____ Installed year _____
 Batteries: 500 AH 2 banks _____ AH _____ banks
 Installed year _____ Installed year _____
 Engine Generator: none kVA sets _____ kVA _____ sets
 Installed year _____ Installed year _____

5. Trunk Links

Refer to the attached diagram.

6. Radio Subscriber Lines

Multi-Access: Analog/Digital _____ MHz _____ lines / _____ systems
 Analog/Digital _____ MHz _____ lines / _____ systems
 Single Channel: Analog/Digital _____ MHz _____ lines / _____ systems

7. Problems

Reason of waiting applicants:

Reason of faults:

Problems on maintenance:

No problems. The isolation transformer is installed to protect damage by lightning.

Present Conditions of Telephone Exchange

Date Surveyed: 26 Apr 1995
 Exchange Name: ANURADHAPURA

1. Subscribers

Connected Lines: 1526 → Business use: _____ (%)
 Waiting Applicants: 1927 → Residence use: _____ (%)
 Hidden Demand: approx. 2000 (100% of waiters)

2. Switching System

	(Unit-1)	(Unit-2)
Type / Model:	<u>NEAX-61E/TLS</u>	<u>NEAX-61K/LS</u>
Capacity:	<u>1248</u>	<u>672</u>
Manufacturer:	<u>NEC</u>	<u>NEC</u>
Installed Year:	<u>1991</u>	<u>1982</u>

3. Local Cables at MDF

Total Pairs: 2,300 → Plastic insulated: 2,300 (100%)
 Damaged Pairs: - → Paper insulated: _____ (%)

4. Power Supply

	(Unit-1)	(Unit-2)
Rectifier:	<u>100 A 5 sets</u>	<u>200 A 3 sets</u>
	<u>Installed year 1991</u>	<u>Installed year</u>
Batteries:	<u>1,000 AH 2 banks</u>	<u>approx. 2000 AH 2 banks</u>
	<u>Installed year 1991</u>	<u>Installed year</u>
Engine Generator:	<u>175 kVA 1 sets</u>	<u>kVA sets</u>
	<u>Installed year 1982</u>	<u>Installed year</u>

5. Trunk Links

Refer to the attached diagram.

6. Radio Subscriber Lines

Multi-Access:	<u>Analog/Digital</u> _____ MHz	<u>lines /</u> _____ systems
	<u>Analog/Digital</u> _____ MHz	<u>lines /</u> _____ systems
Single Channel:	<u>Analog/Digital</u> <u>400</u> MHz	<u>4 lines /</u> <u>4</u> systems

7. Problems

Reason of waiting applicants:

Reason of faults:

Problems on maintenance:

Present Conditions of Telephone Exchange

Date Surveyed: 26 Apr. 1988
 Exchange Name: TAMBUNTEGAMA

1. Subscribers

Connected Lines: 184 → Business use: _____ (%)
 Waiting Applicants: _____ → Residence use: _____ (%)
 Hidden Demand: _____ (% of waiters)

2. Switching System

	(Unit-1)	(Unit-2)
Type / Model:	<u>NEAX-61K RSU-RS</u>	_____
Capacity:	<u>192</u>	_____
Manufacturer:	<u>NEC</u>	_____
Installed Year:	<u>1988</u>	_____

3. Local Cables at MDF

Total Pairs: 600 → Plastic insulated: 600 (100%)
 Damaged Pairs: ? → Paper insulated: _____ (%)

4. Power Supply

	(Unit-1)	(Unit-2)
Rectifier:	<u>200 A 2 sets</u>	_____ A _____ sets
	Installed year <u>1988</u>	Installed year _____
Batteries:	<u>1500 AH 2 banks</u>	_____ AH _____ banks
	Installed year <u>1988</u>	Installed year _____
Engine Generator:	_____ kVA _____ sets	_____ kVA _____ sets
	Installed year _____	Installed year _____

5. Trunk Links

Refer to the attached diagram.

6. Radio Subscriber Lines

Multi-Access:	Analog/Digital _____ MHz	_____ lines / _____ systems
	Analog/Digital _____ MHz	_____ lines / _____ systems
Single Channel:	Analog/Digital _____ MHz	_____ lines / _____ systems

7. Problems

Reason of waiting applicants:

Reason of faults:

Problems on maintenance:

Present Conditions of Telephone Exchange

Date Surveyed: 26 Apr. 1985
 Exchange Name: KEKIRAWA

1. Subscribers

Connected Lines: 360 → Business use: 100 (%)
 Waiting Applicants: → Residence use: 260 (%)
 Hidden Demand: (% of waiters)

2. Switching System

	(Unit-1)	(Unit-2)
Type / Model:	<u>NEAX-61, RSLI-R</u>	<u> </u>
Capacity:	<u>432</u>	<u> </u>
Manufacturer:	<u>NEC</u>	<u> </u>
Installed Year:	<u>1988</u>	<u> </u>

3. Local Cables at MDF

Total Pairs: 800 → Plastic insulated: 800 (100 %)
 Damaged Pairs: → Paper insulated: (%)

4. Power Supply

	(Unit-1)	(Unit-2)
Rectifier:	<u>200 A 3 sets</u>	<u> A sets</u>
	<u>Installed year</u>	<u>Installed year</u>
Batteries:	<u>1,000 AH 2 banks</u>	<u> AH banks</u>
	<u>Installed year</u>	<u>Installed year</u>
Engine Generator:	<u>none kVA sets</u>	<u> kVA sets</u>
	<u>Installed year</u>	<u>Installed year</u>

5. Trunk Links

Refer to the attached diagram.

6. Radio Subscriber Lines

Multi-Access:	Analog/Digital MHz	<u> </u> lines / <u> </u> systems
	Analog/Digital MHz	<u> </u> lines / <u> </u> systems
Single Channel:	<u>Analog</u> /Digital MHz	<u>2</u> lines / <u>2</u> systems

7. Problems

Reason of waiting applicants:

Reason of faults:

Problems on maintenance:

*to Sigiriya Hotel,
Kandalama Hotel.*

Present Conditions of Telephone Exchange

Date Surveyed: 27 Apr, 1995
 Exchange Name: HINGURAKGODA

1. Subscribers

Connected Lines: 185 → Business use: _____ (%)
 Waiting Applicants: 373 → Residence use: _____ (%)
 Hidden Demand: _____ (% of waiters)

2. Switching System

(Unit-1)

(Unit-2)

Type / Model: C-23SA
 Capacity: 200
 Manufacturer: Hitachi
 Installed Year: 1980

3. Local Cables at MDF

Total Pairs: 400 → Plastic insulated: 400 (100%)
 Damaged Pairs: approx. 80 → Paper insulated: _____ (%)

4. Power Supply

(Unit-1)

(Unit-2)

Rectifier: 30 A / sets _____ A _____ sets
 Installed year 1980 _____ Installed year _____
 Batteries: 120 AH / banks _____ AH _____ banks
 Installed year ? (for Norton cur) _____ Installed year _____
 Engine Generator: 75 kVA sets _____ kVA _____ sets
 Installed year 1980 _____ Installed year _____

5. Trunk Links

Refer to the attached diagram.

6. Radio Subscriber Lines

Multi-Access: Analog/Digital _____ MHz _____ lines / _____ systems
Analog/Digital _____ MHz _____ lines / _____ systems
 Single Channel: Analog/Digital _____ MHz _____ lines / _____ systems

7. Problems

Reason of waiting applicants:

Reason of faults:

Low insulation. 5 times per day.

Problems on maintenance:

Present Conditions of Telephone Exchange

Date Surveyed: 27 Apr. 1985
 Exchange Name: POLONNARUWA

1. Subscribers

Connected Lines: 631 → Business use: _____ (%)
 Waiting Applicants: 1243 → Residence use: _____ (%)
 Hidden Demand: _____ (% of waiters)

2. Switching System

	(Unit-1)	(Unit-2)
Type / Model:	<u>C23 SE (semi-electronic)</u>	_____
Capacity:	<u>800</u>	_____
Manufacturer:	<u>Hitachi</u>	_____
Installed Year:	<u>1980</u>	_____

3. Local Cables at MDF

Total Pairs: 800 → Plastic insulated: 800 (100%)
 Damaged Pairs: approx. 60 → Paper insulated: _____ (%)

4. Power Supply

	(Unit-1)	(Unit-2)
Rectifier:	<u>100 A 2 sets</u>	<u>50 A 2 sets</u>
	<u>Installed year 1980</u>	<u>Installed year 1983</u>
Batteries:	<u>300 AH / banks</u>	<u>300 AH / banks</u>
	<u>Installed year _____</u>	<u>Installed year _____</u>
Engine Generator:	<u>175 kVA / sets</u>	<u>_____ kVA sets</u>
	<u>Installed year 1980</u>	<u>Installed year _____</u>

5. Trunk Links

Refer to the attached diagram.

For Radio system.

6. Radio Subscriber Lines

Multi-Access:	<u>Analog/Digital 400 MHz</u>	<u>96 lines / 3 systems</u>
	<u>Analog/Digital 200 MHz</u>	<u>63 lines / 1 systems</u>
Single Channel:	<u>Analog/Digital 150 MHz</u>	<u>8 lines / 8 systems</u>

under installation.

7. Problems

Reason of waiting applicants:

Reason of faults:

Low insulation by water and faults of telephone set.

Problems on maintenance:

Dial tone delay.

Present Conditions of Telephone Exchange

Date Surveyed: 28 Apr. 1985
 Exchange Name: MAHIYANGANAYA

1. Subscribers (56 lines are extended to Girandrukota.)
 Connected Lines: 400 → Business use: 300 (%)
 Waiting Applicants: _____ → Residence use: 100 (%)
 Hidden Demand: _____ (% of waiters)

2. Switching System	(Unit-1)	(Unit-2)
Type / Model:	<u>NEAX-61R</u>	_____
Capacity:	<u>496</u>	_____
Manufacturer:	<u>NEC</u>	_____
Installed Year:	<u>1986</u>	_____

3. Local Cables at MDF
 Total Pairs: 800 → Plastic insulated: _____ (100%)
 Damaged Pairs: _____ → Paper insulated: _____ (%)

4. Power Supply	(Unit-1)	(Unit-2)
Rectifier:	<u>200 A 2 sets</u>	_____ A _____ sets
	Installed year _____	Installed year _____
Batteries:	<u>1,000 AH 2 banks</u>	_____ AH _____ banks
	Installed year _____	Installed year _____
Engine Generator:	<u>none kVA sets</u>	_____ kVA _____ sets
	Installed year _____	Installed year _____

5. Trunk Links Refer to the attached diagram.

6. Radio Subscriber Lines		
Multi-Access:	<u>Analog/Digital</u> _____ MHz	_____ lines / _____ systems
	<u>Analog/Digital</u> _____ MHz	_____ lines / _____ systems
Single Channel:	<u>Analog/Digital</u> _____ MHz	_____ lines / _____ systems

7. Problems
 Reason of waiting applicants:

 Reason of faults:
Problems on telephone sets.

 Problems on maintenance:

Present Conditions of Telephone Exchange

Date Surveyed: 29 Apr. 1994
 Exchange Name: Kandy

1. Subscribers

Connected Lines: 501P → Business use: _____ (%)
 Waiting Applicants: 5464 → Residence use: _____ (%)
 Hidden Demand: (50 % of waiters)

2. Switching System

	(Unit-1)	(Unit-2)
Type / Model:	<u>AXE10</u>	<u>NEAX-61K (TS)</u>
Capacity:	<u>5,000</u>	_____
Manufacturer:	<u>ERICSSON</u>	<u>NEC</u>
Installed Year:	<u>Dec. 1994</u>	<u>1993</u>

3. Local Cables at MDF

Total Pairs: 6,800 → Plastic insulated: _____ (%)
 Damaged Pairs: _____ → Paper insulated: _____ (%)

4. Power Supply

	(Unit-1)	(Unit-2)
Rectifier:	<u>100 A 2 sets</u>	_____ A _____ sets
	<u>Installed year _____</u>	<u>Installed year _____</u>
Batteries:	<u>293 AH 2 banks</u>	_____ AH _____ banks
	<u>Installed year _____</u>	<u>Installed year _____</u>
Engine Generator:	_____ kVA _____ sets	_____ kVA _____ sets
	<u>Installed year _____</u>	<u>Installed year _____</u>

5. Trunk Links

Refer to the attached diagram.

6. Radio Subscriber Lines

Multi-Access:	<u>Analog/Digital</u> _____ MHz	_____ lines / _____ systems
	<u>Analog/Digital</u> _____ MHz	_____ lines / _____ systems
Single Channel:	<u>Analog/Digital</u> _____ MHz	_____ lines / _____ systems

7. Problems

Reason of waiting applicants:

Reason of faults:

Problems on maintenance:

Present Conditions of Telephone Exchange

Date Surveyed: 24 - APR. - 95
 Exchange Name: KALUTARA

1. Subscribers

Connected Lines: 4,652 → Business use: _____ (%)
 Waiting Applicants: 9,864 → Residence use: _____ (%)
 Hidden Demand: _____ (% of waiters)

2. Switching System

	(Unit-1)	(Unit-2)
Type / Model:	<u>NEAX 61K</u>	_____
Capacity:	<u>1,520</u>	_____
Manufacturer:	<u>NEC</u>	_____
Installed Year:	<u>1985</u>	_____

3. Local Cables at MDF

Total Pairs: _____ → Plastic insulated: _____ (%)
 Damaged Pairs: _____ → Paper insulated: _____ (%)

4. Power Supply

	(Unit-1)	(Unit-2)
Rectifier:	<u>200 A 4 sets</u>	_____ A _____ sets
	<u>Installed year 1984</u>	<u>Installed year _____</u>
Batteries:	<u>1,000 AH 2 banks</u>	_____ AH _____ banks
	<u>Installed year 1984</u>	<u>Installed year _____</u>
Engine Generator:	<u>175 kVA 1 sets</u>	_____ kVA _____ sets
	<u>Installed year 1984</u>	<u>Installed year _____</u>

5. Trunk Links

Refer to the attached diagram.

6. Radio Subscriber Lines

Multi-Access:	<u>Analog/Digital</u>	<u>MHz</u>	<u>lines /</u>	<u>systems</u>
	<u>Analog/Digital</u>	<u>MHz</u>	<u>lines /</u>	<u>systems</u>
Single Channel:	<u>Analog/Digital</u>	<u>MHz</u>	<u>lines /</u>	<u>systems</u>

7. Problems

Reason of waiting applicants:

Reason of faults:

Problems on maintenance:

Enough spare packages are not available.

No vehicle for DIT/Switching & Transmission.

Trunk Link Diagram

Exchange Name:

KALUTARA

- KALUTARA — COLOMBO Radio 4GHz / 68Mbps.
- KALUTARA — Pathirajakanda Radio 4GHz / 68Mbps
Rep.

- KALUTARA — BENTOTA Radio 1.9GHz / 17Mbps
- KALUTARA — HORANA Radio 2GHz / 17Mbps
- KALUTARA — BERUWALA Radio 2GHz / 17Mbps
- KALUTARA — MATUGAMA PCM 2Mbps x 3
- KALUTARA — MEEGAHATENNA PCM 2Mbps x 1
- KALUTARA — BULATHSINGHALA PCM 2Mbps x 1
- KALUTARA — NEBODA PCM 2Mbps x 1

Present Conditions of Telephone Exchange

Date Surveyed: 24 - APR. - 95
 Exchange Name: HIKKADUWA

1. Subscribers

Connected Lines: 400 → Business use: _____ (%)
 Waiting Applicants: 598 → Residence use: _____ (%)
 Hidden Demand: _____ (% of waiters)

2. Switching System

	(Unit-1)	(Unit-2)
Type / Model:	<u>NEAX-61E (RSU)</u>	_____
Capacity:	<u>400</u>	_____
Manufacturer:	<u>NEC</u>	_____
Installed Year:	<u>FEB., 1992</u>	_____

3. Local Cables at MDF

Total Pairs: _____ → Plastic insulated: _____ (%)
 Damaged Pairs: _____ → Paper insulated: _____ (%)

4. Power Supply

	(Unit-1)	(Unit-2)
Rectifier:	<u>50 A 2 sets</u>	_____ A _____ sets
	<u>Installed year _____</u>	<u>Installed year _____</u>
Batteries:	<u>300 AH banks</u>	_____ AH _____ banks
	<u>Installed year _____</u>	<u>Installed year _____</u>
Engine Generator:	<u>(Non) kVA sets</u>	_____ kVA _____ sets
	<u>Installed year _____</u>	<u>Installed year _____</u>

5. Trunk Links

Refer to the attached diagram.

6. Radio Subscriber Lines

Multi-Access:	<u>Analog/Digital</u> _____ MHz	<u>lines / _____ systems</u>
	<u>Analog/Digital</u> _____ MHz	<u>lines / _____ systems</u>
Single Channel:	<u>Analog/Digital</u> _____ MHz	<u>lines / _____ systems</u>

7. Problems

Reason of waiting applicants:

Reason of faults:

Lightning occupies most part of causes of SLIC.

Problems on maintenance:

Trunk Link Diagram

Exchange Name:

HIKKADUWA

HIKKADUWA — GALLE

Radio 2GHz / 2Mbps x 2

Present Conditions of Telephone Exchange

Date Surveyed: 25- APR. - 95
 Exchange Name: GALLE

1. Subscribers

Connected Lines: 2,040 → Business use: _____ (%)
 Waiting Applicants: 3,000 → Residence use: _____ (%)
 Hidden Demand: 1,500 (50% of waiters)

2. Switching System

	(Unit-1)	(Unit-2)	(Unit-3)
Type / Model:	CD 460NA	NEAX-61K	NEAX61EVE
Capacity:	1,560	299	1,000
Manufacturer:	NEC	NEC	NEC
Installed Year:	1993	1986	1993

3. Local Cables at MDF

Total Pairs: 3,500 → Plastic insulated: _____ (%)
 Damaged Pairs: 400 → Paper insulated: _____ (%)

4. Power Supply

	(Unit-1)	(Unit-2)
Rectifier:	1,600 A 2 sets	A sets
	Installed year 1985	Installed year
Batteries:	1,500 AH 2 banks	AH banks
	Installed year 1985	Installed year
Engine Generator:	175 kVA 1 sets	kVA sets
	Installed year 1985	Installed year

5. Trunk Links

Refer to the attached diagram.

6. Radio Subscriber Lines

Multi-Access:	Analog/Digital 400 MHz	8 lines / 21 systems
	Analog/Digital MHz	lines / systems
Single Channel:	Analog/Digital MHz	lines / systems

7. Problems

Reason of waiting applicants:

Reason of faults:

Problems on maintenance:

Trunk Link Diagram

Exchange Name: GALLE

- GALLE - COLOMBO Radio 2 Mbps x 21
- GALLE - MATARA Radio 2 Mbps x 2
- GALLE - HAMBANTOTA Radio 2 Mbps x 8
- GALLE - RATNAPURA Radio 2 Mbps x 4

< RSU CONNECTION >

GALLE - ELPITIYA	PCM	2 Mbps x 2	- GL-AMBALANGODA: Radio AMBALANGODA - EL: PCM
GALLE - BADDEGAMA	PCM	2 Mbps x 2	
GALLE - HASARADUWA	PCM	2 Mbps x 2	} Via AMBALANGODA
GALLE - KOSGODA	Radio	2GHz / 2 Mbps x 2	
GALLE - AMBALANGODA	Radio	2GHz / 2 Mbps x 2	
GALLE - HIKKADUWA	Radio	2GHz / 2 Mbps x 2	
GALLE - IMADUWA	PCM	2 Mbps x 1	
GALLE - NAGODA	PCM	2 Mbps x 1	
GALLE - UDUGAMA	PCM	2 Mbps x 1	

Present Conditions of Telephone Exchange

Date Surveyed: 25 - APR. - 95
 Exchange Name: IMADUWA

1. Subscribers

Connected Lines: _____ → Business use: _____ (%)
 Waiting Applicants: _____ → Residence use: _____ (%)
 Hidden Demand: _____ (% of waiters)

2. Switching System

	(Unit-1)	(Unit-2)
Type / Model:	<u>NEAX - RSLI</u>	_____
Capacity:	<u>116</u>	_____
Manufacturer:	<u>NEC</u>	_____
Installed Year:	<u>1987</u>	_____

3. Local Cables at MDF

Total Pairs: 400 → Plastic insulated: _____ (%)
 Damaged Pairs: _____ → Paper insulated: _____ (%)

4. Power Supply

	(Unit-1)	(Unit-2)
Rectifier:	<u>50 A 2 sets</u>	_____ A _____ sets
	<u>Installed year 1987</u>	<u>Installed year</u>
Batteries:	<u>300 AH 2 banks</u>	_____ AH _____ banks
	<u>Installed year 1987</u>	<u>Installed year</u>
Engine Generator:	_____ kVA _____ sets	_____ kVA _____ sets
	<u>Installed year</u>	<u>Installed year</u>

5. Trunk Links

Refer to the attached diagram.

6. Radio Subscriber Lines

Multi-Access:	<u>Analog/Digital</u> _____ MHz	<u>lines /</u> _____ systems
	<u>Analog/Digital</u> _____ MHz	<u>lines /</u> _____ systems
Single Channel:	<u>Analog/Digital</u> _____ MHz	<u>lines /</u> _____ systems

7. Problems

Reason of waiting applicants:

Reason of faults:

Problems on maintenance:

*Bad exchange location. (A hill at the rear.)
 Muddy water flowing in.
 Corrosion problem on the exchange frame.*

Present Conditions of Telephone Exchange

Date Surveyed: 26 - APR. - 95
 Exchange Name: MATARA

1. Subscribers

Connected Lines: _____ \rightarrow Business use: _____ (%)
 Waiting Applicants: _____ \rightarrow Residence use: _____ (%)
 Hidden Demand: _____ (% of waiters)

2. Switching System

	(Unit-1)	(Unit-2)
Type / Model:	<u>DX 220</u>	_____
Capacity:	<u>10,000</u>	_____
Manufacturer:	<u>NOKIA</u>	_____
Installed Year:	<u>1995</u> (Under installation)	_____

3. Local Cables at MDF

Total Pairs: _____ \rightarrow Plastic insulated: _____ (%)
 Damaged Pairs: _____ \rightarrow Paper insulated: _____ (%)

4. Power Supply

	(Unit-1)	(Unit-2)
Rectifier:	_____ A sets	_____ A sets
	Installed year _____	Installed year _____
Batteries:	_____ AH banks	_____ AH banks
	Installed year _____	Installed year _____
Engine Generator:	_____ kVA sets	_____ kVA sets
	Installed year _____	Installed year _____

5. Trunk Links

Refer to the attached diagram.

6. Radio Subscriber Lines

Multi-Access:	<u>Analog/Digital 400 MHz</u>	<u>8 lines / 30 systems</u>
	<u>Analog/Digital 400 MHz</u>	<u>4 lines / 24 systems</u>
Single Channel:	<u>Analog/Digital 400 MHz</u>	<u>11 lines / 11 systems</u>

7. Problems

Reason of waiting applicants:

Reason of faults: Lightning

Problems on maintenance:

Shortage of spare tools

Trunk Link Diagram

Exchange Name:

MATARA

MATARA - GALLE

Radio

2Mbps x 2

} Temporary

MATARA - COLOMBO

Radio

2Mbps x 5

} Arrangement.

Present Conditions of Telephone Exchange

Date Surveyed: 26-APR.-95
 Exchange Name: TANGALLE

1. Subscribers

Connected Lines: _____ → Business use: _____ (%)
 Waiting Applicants: _____ → Residence use: _____ (%)
 Hidden Demand: _____ (% of waiters)

2. Switching System

	(Unit-1)	(Unit-2)
Type / Model:	<u>DX210</u>	_____
Capacity:	<u>500</u>	_____
Manufacturer:	<u>NOKIA</u>	_____
Installed Year:	<u>1988</u>	_____

3. Local Cables at MDF

Total Pairs: 600 → Plastic insulated: _____ (%)
 Damaged Pairs: _____ → Paper insulated: _____ (%)

4. Power Supply

	(Unit-1)	(Unit-2)
Rectifier:	_____ A sets	_____ A sets
	<u>Installed year</u>	<u>Installed year</u>
Batteries:	_____ AH banks	_____ AH banks
	<u>Installed year</u>	<u>Installed year</u>
Engine Generator:	_____ kVA sets	_____ kVA sets
	<u>Installed year</u>	<u>Installed year</u>

5. Trunk Links

Refer to the attached diagram.

6. Radio Subscriber Lines

Multi-Access:	<u>Analog/Digital</u> MHz	<u>lines /</u> systems
	<u>Analog/Digital</u> MHz	<u>lines /</u> systems
Single Channel:	<u>Analog/Digital</u> MHz	<u>lines /</u> systems

7. Problems

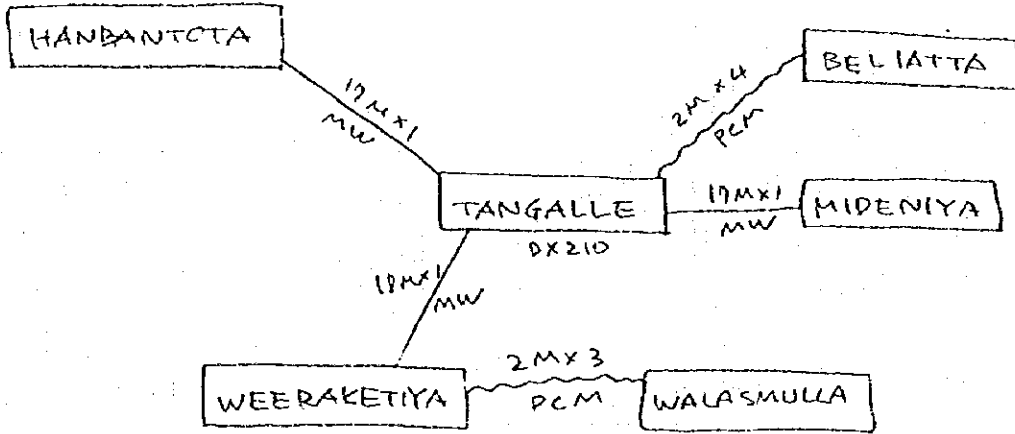
Reason of waiting applicants:

Reason of faults:

Problems on maintenance:

Trunk Link Diagram

Exchange Name: TANGALLE



Present Conditions of Telephone Exchange

Date Surveyed: 26-APR. - 99
 Exchange Name: HAMBANTOTA

1. Subscribers

Connected Lines: 430 → Business use: _____ (%)
 Waiting Applicants: _____ → Residence use: _____ (%)
 Hidden Demand: _____ (% of waiters)

2. Switching System	(Unit-1)	(Unit-2)
Type / Model:	<u>DX220</u>	_____
Capacity:	<u>448</u>	_____
Manufacturer:	<u>NOKIA</u>	_____
Installed Year:	<u>1988</u>	_____

3. Local Cables at MDF

Total Pairs: 800 → Plastic insulated: _____ (%)
 Damaged Pairs: - → Paper insulated: _____ (%)

4. Power Supply	(Unit-1)	(Unit-2)
Rectifier:	<u>30 A 10 sets</u>	<u>A sets</u>
	<u>Installed year 1988</u>	<u>Installed year</u>
Batteries:	<u>880 AH 2 banks</u>	<u>AH banks</u>
	<u>Installed year 1988</u>	<u>Installed year</u>
Engine Generator:	<u>40 kVA 1 sets</u>	<u>kVA sets</u>
	<u>Installed year 1988</u>	<u>Installed year</u>

5. Trunk Links Refer to the attached diagram.

6. Radio Subscriber Lines

Multi-Access:	<u>Analog/Digital 400 MHz</u>	<u>8 lines / 30 systems</u>
	<u>Analog/Digital MHz</u>	<u>lines / systems</u>
Single Channel:	<u>Analog/Digital MHz</u>	<u>lines / systems</u>

7. Problems

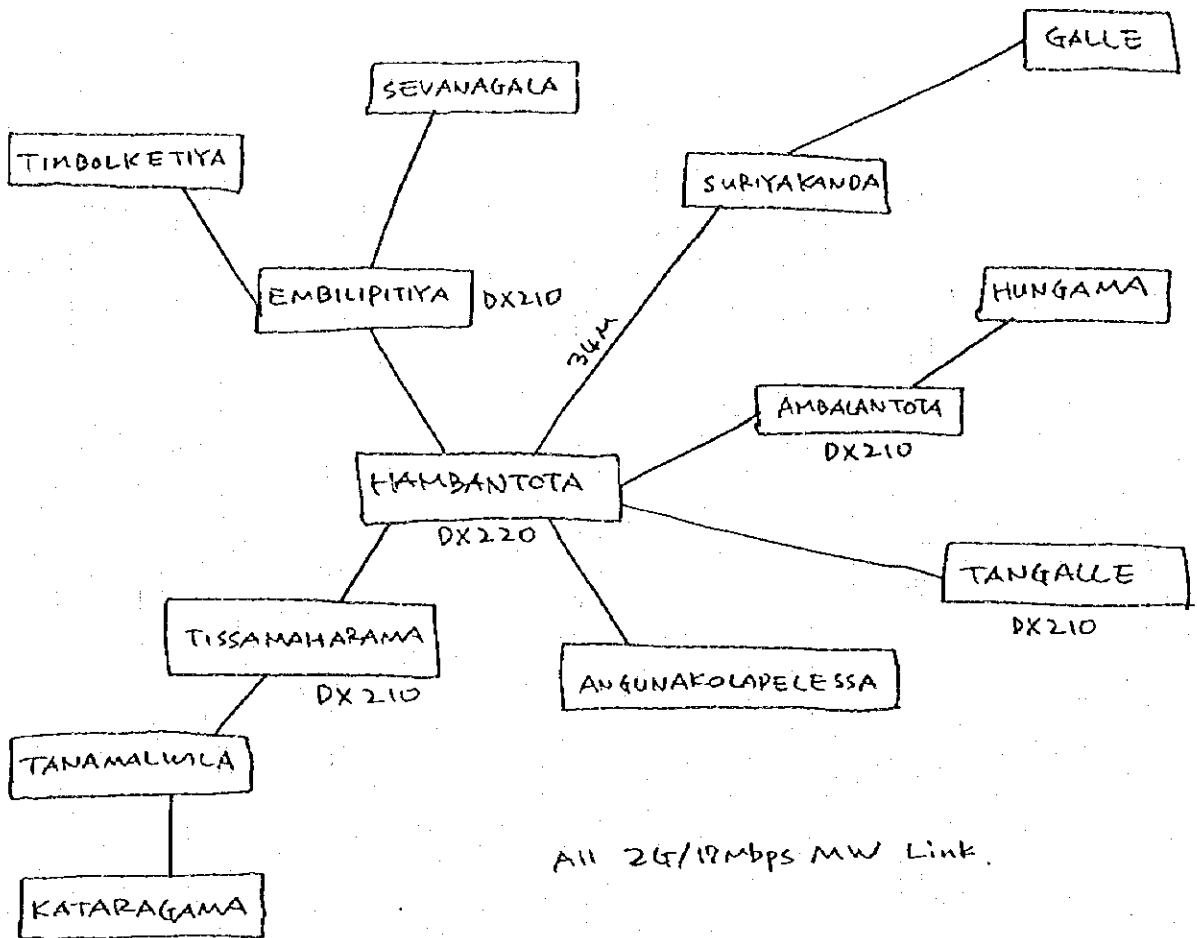
Reason of waiting applicants:
 Exchange full.

Reason of faults: 1. Air conditioning plants are not available in the RSL & DX210 exchs
 2. Over Head faults.
 3. Surge reduction filter are not available to prevent from lightning.

Problems on maintenance:
 1. Not enough line plant technicians.
 2. No Lorry and Crane.
 3. It will take long time to repair faulty PCBs.
 4. Shortage of stored items
 5. Not enough SW & TX spare parts.

Trunk Link Diagram

Exchange Name: HAMBANTOTA



All 2G/18Mbps MW Link.

Present Conditions of Telephone Exchange

Date Surveyed: 27 - APR. - 95
 Exchange Name: TANAMALWILA

1. Subscribers

Connected Lines: 47 → Business use: (80 %)
 Waiting Applicants: _____ → Residence use: (20 %)
 Hidden Demand: _____ (% of waiters)

2. Switching System

	(Unit-1)	(Unit-2)
Type / Model:	<u>RSU</u>	_____
Capacity:	<u>64</u>	_____
Manufacturer:	<u>NOKIA</u>	_____
Installed Year:	<u>1989</u>	_____

3. Local Cables at MDF

Total Pairs: 150 → Plastic insulated: 150 (100 %)
 Damaged Pairs: _____ → Paper insulated: (%)

4. Power Supply

	(Unit-1)	(Unit-2)
Rectifier:	<u>4 A 2 sets</u>	<u> A sets</u>
Installed year	<u>1989</u>	<u> </u>
Batteries:	<u>150 AH 2 banks</u>	<u> AH banks</u>
Installed year	<u>1989</u>	<u> </u>
Engine Generator:	<u>8.25 kVA 1 sets</u>	<u> kVA sets</u>
Installed year	<u>1985</u>	<u> </u>

5. Trunk Links

Refer to the attached diagram.

6. Radio Subscriber Lines

Multi-Access:	<u>Analog/Digital</u>	<u> MHz</u>	<u> lines /</u>	<u> systems</u>
	<u>Analog/Digital</u>	<u> MHz</u>	<u> lines /</u>	<u> systems</u>
Single Channel:	<u>Analog/Digital</u>	<u> MHz</u>	<u> lines /</u>	<u> systems</u>

7. Problems

Reason of waiting applicants: Exchange and cable capacities.

Reason of faults:

Delay in changing of cables because of non-availability.

Problems on maintenance:

No A/c
No vehicle
No lightning protector.

Present Conditions of Telephone Exchange

Date Surveyed: 27 - APR. - 95
 Exchange Name: WELLAWAYA

1. Subscribers

Connected Lines: 110 → Business use: _____ (%)
 Waiting Applicants: _____ → Residence use: _____ (%)
 Hidden Demand: _____ (% of waiters)

2. Switching System

	(Unit-1)	(Unit-2)
Type / Model:	<u>NEAX 61</u>	_____
Capacity:	<u>116</u>	_____
Manufacturer:	<u>NEC</u>	_____
Installed Year:	<u>1986</u>	_____

3. Local Cables at MDF

Total Pairs: 400 → Plastic insulated: 400 (100%)
 Damaged Pairs: - → Paper insulated: _____ (%)

4. Power Supply

	(Unit-1)	(Unit-2)
Rectifier:	<u>50 A 2 sets</u>	_____ A _____ sets
	<u>Installed year 1983</u>	<u>Installed year _____</u>
Batteries:	<u>300 AH 2 banks</u>	_____ AH _____ banks
	<u>Installed year 1983</u>	<u>Installed year _____</u>
Engine Generator:	<u>_____ kVA _____ sets</u>	_____ kVA _____ sets
	<u>Installed year _____</u>	<u>Installed year _____</u>

5. Trunk Links

Refer to the attached diagram.

6. Radio Subscriber Lines

Multi-Access:	<u>Analog/Digital</u>	<u>MHz</u>	<u>_____ lines / _____ systems</u>
	<u>Analog/Digital</u>	<u>MHz</u>	<u>_____ lines / _____ systems</u>
Single Channel:	<u>Analog/Digital</u>	<u>MHz</u>	<u>_____ lines / _____ systems</u>

7. Problems

Reason of waiting applicants:

Reason of faults:

Problems on maintenance:

Trunk Link Diagram

Exchange Name: WELLAWAYA

WELLAWAYA ——— BADULLA Radio 2GHz/10Mbps
WELLAWAYA ——— KOSLANDA PCM 2Mbps x 1

Present Conditions of Telephone Exchange

Date Surveyed: 27 - APR. - 95
 Exchange Name: BANDARAWELLA

1. Subscribers

Connected Lines: 1,211 → Business use: () %
 Waiting Applicants: 983 → Residence use: () %
 Hidden Demand: (50 % of waiters)

2. Switching System

	(Unit-1)	(Unit-2)
Type / Model:	<u>NEAX-61K</u>	<u> </u>
Capacity:	<u>1,532</u>	<u> </u>
Manufacturer:	<u>NEC</u>	<u> </u>
Installed Year:	<u>1984</u>	<u> </u>

3. Local Cables at MDF

Total Pairs: 1,900 → Plastic insulated: 1,900 (100 %)
 Damaged Pairs: - → Paper insulated: () %

4. Power Supply

	(Unit-1)	(Unit-2)
Rectifier:	<u>200 A 3 sets</u>	<u> A sets</u>
	<u>Installed year 1983</u>	<u>Installed year</u>
Batteries:	<u>1,000 AH 2 banks</u>	<u> AH banks</u>
	<u>Installed year 1983</u>	<u>Installed year</u>
Engine Generator:	<u>195 kVA 1 sets</u>	<u> kVA sets</u>
	<u>Installed year 1983</u>	<u>Installed year</u>

5. Trunk Links

Refer to the attached diagram.

6. Radio Subscriber Lines

Multi-Access:	<u>Analog/Digital</u>	<u> MHz</u>	<u> lines /</u>	<u> systems</u>
	<u>Analog/Digital</u>	<u> MHz</u>	<u> lines /</u>	<u> systems</u>
Single Channel:	<u>Analog/Digital</u>	<u> MHz</u>	<u> lines /</u>	<u> systems</u>

7. Problems

Reason of waiting applicants:

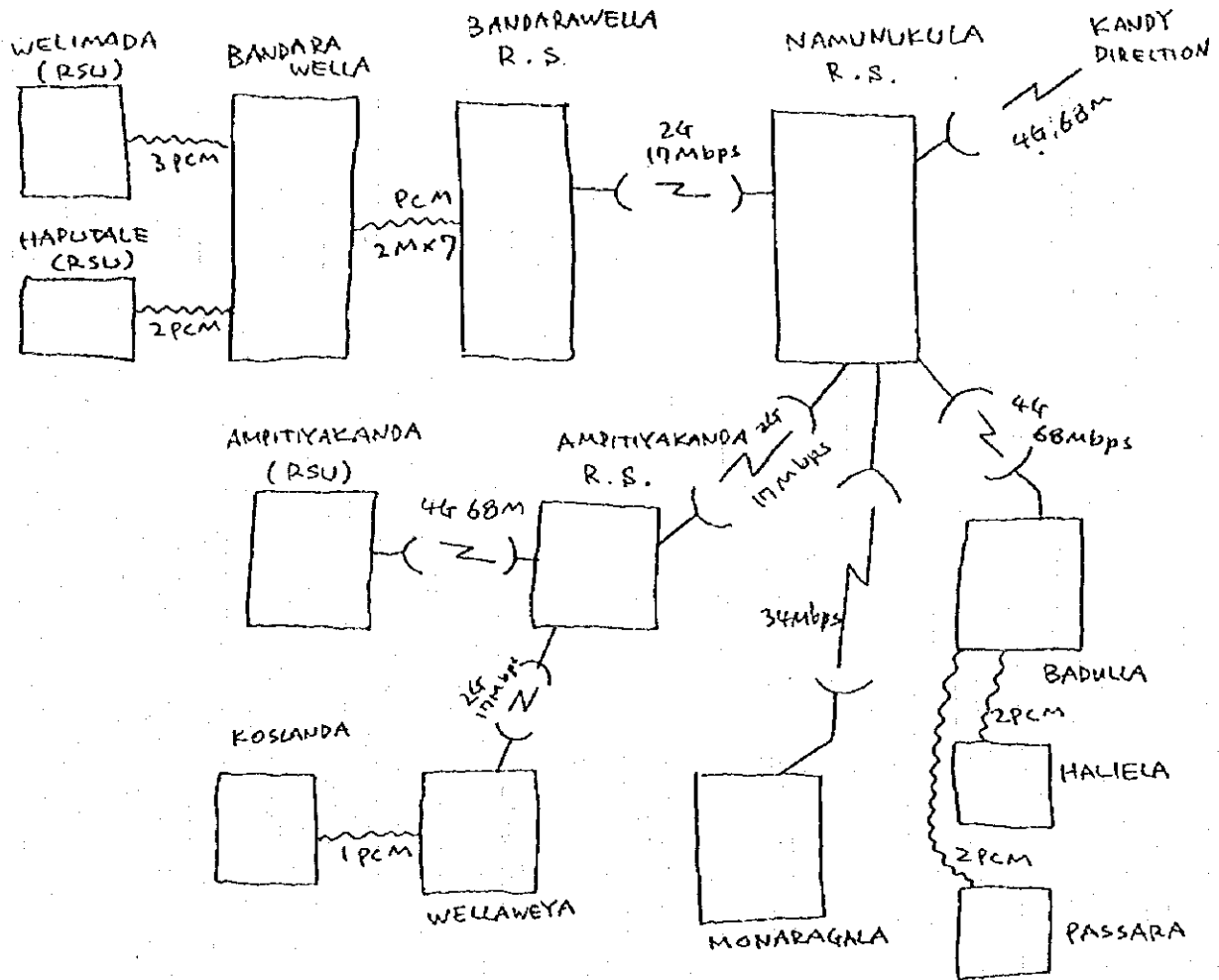
Reason of faults:

weather (rain, lightning)

Problems on maintenance:

Trunk Link Diagram

Exchange Name: BANDARAWELLA



Present Conditions of Telephone Exchange

Date Surveyed: 28 - APR. - 95
 Exchange Name: BADULLA

1. Subscribers

Connected Lines: 1,481 → Business use: () %
 Waiting Applicants: → Residence use: () %
 Hidden Demand: () % of waiters

2. Switching System

(Unit-1)

(Unit-2)

Type / Model:	<u>NEAX - 61</u>	<u> </u>
Capacity:	<u>1,746</u>	<u> </u>
Manufacturer:	<u>NEC</u>	<u> </u>
Installed Year:	<u>1982</u>	<u> </u>

3. Local Cables at MDF

Total Pairs: 1,600 → Plastic insulated: 1,600 (100 %)
 Damaged Pairs: - → Paper insulated: - () %

4. Power Supply

(Unit-1)

(Unit-2)

Rectifier:	<u>200 A 3 sets</u>	<u> A sets</u>
Installed year	<u>1982</u>	<u> </u>
Batteries:	<u>800 AH 2 banks</u>	<u> AH banks</u>
Installed year	<u>1982</u>	<u> </u>
Engine Generator:	<u>75 kVA 1 sets</u>	<u> kVA sets</u>
Installed year	<u>1982</u>	<u> </u>

5. Trunk Links

Refer to the attached diagram.

6. Radio Subscriber Lines

Multi-Access:	<u>Analog/Digital 1,500 MHz</u>	<u> lines / 120 systems</u>
	<u>Analog/Digital 400 MHz</u>	<u> 8 lines / 10 systems</u>
Single Channel:	<u>Analog/Digital MHz</u>	<u> lines / systems</u>

7. Problems

Reason of waiting applicants:

Reason of faults:

Problems on maintenance:

Present Conditions of Telephone Exchange

Date Surveyed: 28-APR.-95
 Exchange Name: NAMUNUKULA REPEATER STATION

1. Subscribers

Connected Lines: _____ → Business use: _____ (%)
 Waiting Applicants: _____ → Residence use: _____ (%)
 Hidden Demand: _____ (% of waiters)

2. Switching System	(Unit-1)	(Unit-2)
Type / Model:	_____	_____
Capacity:	_____	_____
Manufacturer:	_____	_____
Installed Year:	_____	_____

3. Local Cables at MDF

Total Pairs: _____ → Plastic insulated: _____ (%)
 Damaged Pairs: _____ → Paper insulated: _____ (%)

4. Power Supply	(Unit-1)	(Unit-2)
Rectifier:	<u>50 A 2 sets</u>	_____ A _____ sets
	<u>Installed year</u>	<u>Installed year</u>
Batteries:	<u>300 AH 2 banks</u>	_____ AH _____ banks
	<u>Installed year 1983</u>	<u>Installed year</u>
Engine Generator:	_____ kVA _____ sets	_____ kVA _____ sets
	<u>Installed year</u>	<u>Installed year</u>

5. Trunk Links Refer to the attached diagram.

6. Radio Subscriber Lines

Multi-Access:	Analog/Digital <u>400 MHz</u>	_____ lines / _____ systems
	Analog/Digital <u>400 MHz</u>	_____ lines / _____ systems
Single Channel:	Analog/Digital _____ MHz	_____ lines / _____ systems

7. Problems

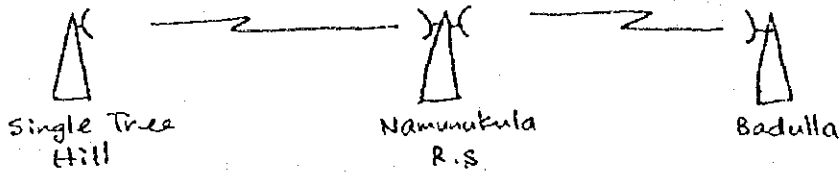
Reason of waiting applicants:

Reason of faults:

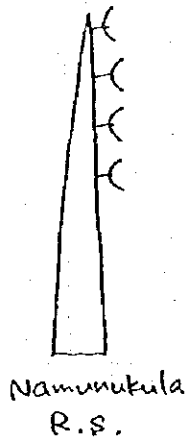
Problems on maintenance:

Trunk Link Diagram

Exchange Name: NAMUNUKULA R.S.



4G, 68Mbps
(1989).



- Punegala R.S. 2G, 17Mbps
- Minipe R.S. 400M, Analog, 24CH (1982)
- Monaragala 2G, 34Mbps (1984)
- ~~~~~ Namunukula RSU PCM 2Mx1
- Ampitiyakanda R.S. 2G, 17Mbps (1983)
- Bandarawella R.S. 2G, 17Mbps (1983)

Present Conditions of Telephone Exchange

Date Surveyed: 28 - APR. - 95
 Exchange Name: NUWARA ELIYA

1. Subscribers

Connected Lines: 2,800 Business use: _____ (%)
 Waiting Applicants: _____ Residence use: _____ (%)
 Hidden Demand: _____ (% of waiters)

2. Switching System

	(Unit-1)	(Unit-2)
Type / Model:	<u>NEAX-61K</u>	_____
Capacity:	<u>1,874</u>	_____
Manufacturer:	<u>NEC</u>	_____
Installed Year:	<u>1983</u>	_____

3. Local Cables at MDF

Total Pairs: 1,800 Plastic insulated: 1,800 (100 %)
 Damaged Pairs: - Paper insulated: - (%)

4. Power Supply

	(Unit-1)	(Unit-2)
Rectifier:	<u>200 A 3 sets</u>	<u>A sets</u>
	<u>Installed year 1983</u>	<u>Installed year</u>
Batteries:	<u>1,000 AH 2 banks</u>	<u>AH banks</u>
	<u>Installed year 1983</u>	<u>Installed year</u>
Engine Generator:	<u>75 kVA 1 sets</u>	<u>kVA sets</u>
	<u>Installed year 1983</u>	<u>Installed year</u>

5. Trunk Links

Refer to the attached diagram.

6. Radio Subscriber Lines

Multi-Access:	<u>Analog/Digital</u>	<u>MHz</u>	<u>lines /</u>	<u>systems</u>
	<u>Analog/Digital</u>	<u>MHz</u>	<u>lines /</u>	<u>systems</u>
Single Channel:	<u>Analog/Digital</u>	<u>MHz</u>	<u>lines /</u>	<u>systems</u>

7. Problems

Reason of waiting applicants:

All the cabinets are full.

Reason of faults:

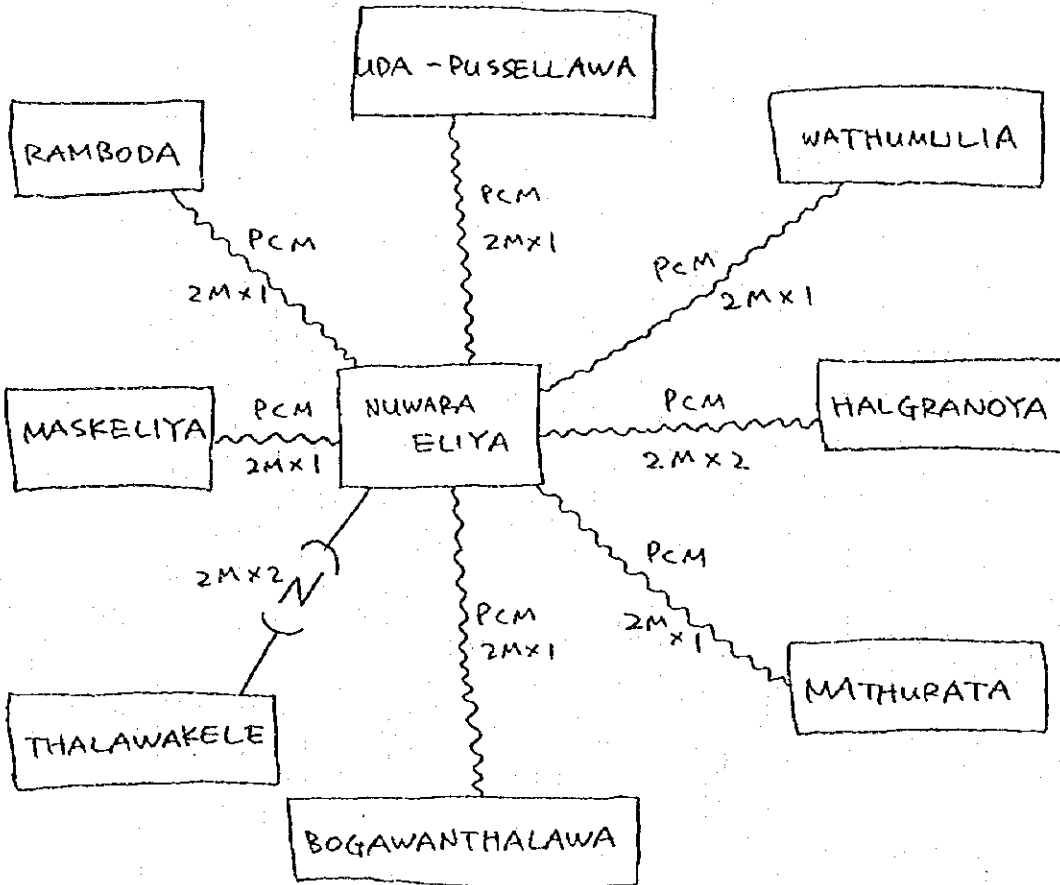
Commercial power failure, lightning, Tx failures

Problems on maintenance:

Trunk Link Diagram

Exchange Name:

NUWARA ELIYA



Present Conditions of Telephone Exchange

Date Surveyed: 28 - APR. - 95
 Exchange Name: HATTON

1. Subscribers

Connected Lines: 573 → Business use: _____ (_____ %)
 Waiting Applicants: 450 → Residence use: _____ (_____ %)
 Hidden Demand: _____ (100 % of waiters)

2. Switching System

	(Unit-1)	(Unit-2)
Type / Model:	<u>NC 460</u>	_____
Capacity:	<u>600</u>	_____
Manufacturer:	_____	_____
Installed Year:	<u>1971</u>	_____

3. Local Cables at MDF

Total Pairs: 938 → Plastic insulated: _____ (15 %)
 Damaged Pairs: 30% → Paper insulated: _____ (85 %)

4. Power Supply

	(Unit-1)	(Unit-2)
Rectifier:	_____ A _____ sets	_____ A _____ sets
	Installed year _____	Installed year _____
Batteries:	_____ AH _____ banks	_____ AH _____ banks
	Installed year _____	Installed year _____
Engine Generator:	_____ kVA _____ sets	_____ kVA _____ sets
	Installed year _____	Installed year _____

5. Trunk Links

Refer to the attached diagram.

6. Radio Subscriber Lines

Multi-Access:	Analog/Digital <u>400 MHz</u>	_____ <u>4</u> lines / _____ systems
	Analog/Digital _____ MHz	_____ lines / _____ systems
Single Channel:	Analog/Digital _____ MHz	_____ lines / _____ systems

7. Problems

Reason of waiting applicants:

Switch and transmission system will be replaced soon.

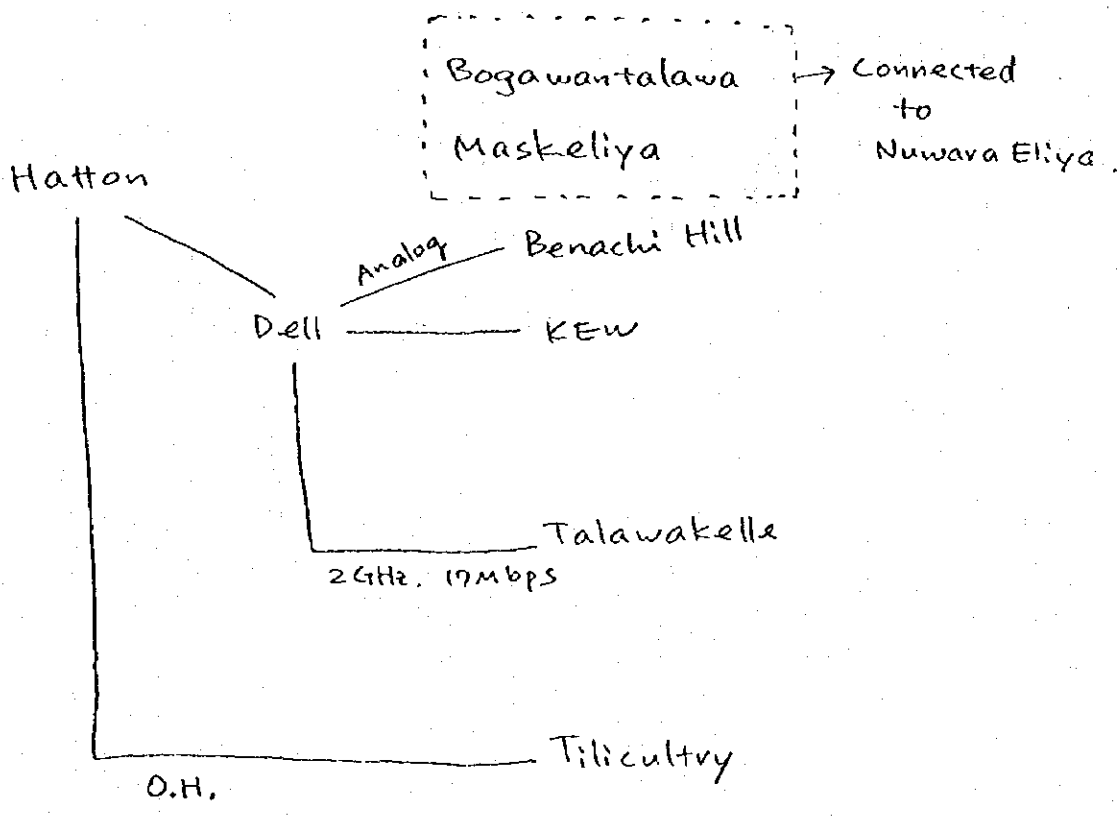
Reason of faults:

Problems on maintenance:

Trunk Link Diagram

Exchange Name:

HATTON





**2. Collection Data on Field Survey
by Socio-Economic Group**

of

DATA 1 OF PART 1



COLLECTION DATA ON FIELD SURVEY BY SOCIO-ECONOMIC GROUP

The field survey was carried out on 24 April through 6 May 1995 by the team for North and South areas. Members of socio-economic survey team is as shown below.

Team	Organisation	Name	In-Charge	Remarks
North Team	JICA	T. Kuroda	Economic/Finance Analysis	
		N. Matsuda	Demand Forecast	
	SLT	K. Rajendran	Eng. Corporate Planning I	
South Team	JICA	T. Kuroda	Economic/Finance Analysis	
	SLT	K. Rajendran	Eng. Corporate Planning I	

Time schedule are shown below.

North Team:

No.	Date	Location Visited	Distance	Hotel
1	24 Apr (Mon)	Colombo - Kurunegala - Dambulla	148 km	Dambulla
2	25 Apr (Tue)	Dambulla - Anuradhapura - Mihintale	66 km	Mihintale
3	26 Apr (Wed)	Mihintale - Anuradhapura - Medawachchiya	30 km	Mihintale
4	27 Apr (Thu)	Mihintale - Habarana - Polonnaruwa	101 km	Polonnaruwa
5	28 Apr (Fri)	Polonnaruwa - Mahiyangana - Kandy	140 km	Kandy
6	29 Apr (Sat)	Kandy - Colombo	116 km	

South Team:

No.	Date	Location Visited	Distance	Hotel
1	2 May (Tue)	Colombo - Ella	244 km	Ella
2	3 May (Wed)	Ella - Badulla - Tissamaharama	150 km	Tissamaharama
3	4 May (Thu)	Tissamaharama - Hambantota - Matara - Weligama	85 km	Weligama
4	5 May (Fri)	Weligama - Galle - Hikkaduwa	60 km	Hikkaduwa
5	6 May (Sat)	Hikkaduwa - Colombo	100 km	

Note: telephone exchanges in towns with bold face characters were surveyed.

Questionnaire to District Secretariat Office

Project name : The Study on Telecommunications Networks in the Democratic Socialist Republic of Sri Lanka (1995 - 2015)

District Name (*Hambantota*)
 Estimated Population at 1994 (*537900*) (*209^{person}/sq km*)
 Size of Area (*2578.3 sq km.*)

1. Labour Force

Code Classification

- 0 : Agriculture, Hunting, Forestry, Fishing
- 1 : Mining and Quarrying
- 2 : Manufacturing
- 3 : Electricity, Gas and Water
- 4 : Construction
- 5 : Wholesale & Retail Trade & Restaurants & Hotels
- 6 : Transport, Storage and communication
- 7 : Finance, Insurance, Real Estate & Business Services
- 8 : Community, Social and Personal Services

	Classification Code
1st	
2nd	
3rd	

2. Population (Estimated Population at the end of 1994)

2.1 Divisional Secretariat

estimate 1993

91

No.	Name of D.S.	Population	Urban Ratio (%)
1	<i>Angura Kola Pulana</i>	<i>41,323</i>	
2	<i>Ahpalambota</i>	<i>62,700</i>	
3	<i>Weeraketiya</i>	<i>60,832</i>	
4	<i>Okiyewella</i>	<i>20,626</i>	
5	<i>Hambantota</i>	<i>44,740</i>	
6	<i>Seniya Wewa</i>	<i>38,411</i>	
7	<i>Tissera Harene</i>	<i>58,442</i>	
8	<i>Lunugamwewa</i>	<i>27,985</i>	
9	<i>Beliyata</i>	<i>62,717</i>	
10	<i>Katuwena</i>	<i>69,225</i>	
11	<i>Tangalle</i>	<i>66,535</i>	
12			
13			
14			
15			
16			
17			
18			
19			
20			

Town *41630*

Village *382916*

2.2 Urban Council / Municipality

Name of U.C./Muni.	Population

Thank you for your cooperation !

Please send it to -

K. Rajendran

Eng/ Corporate planning
Room No 5, 4th Floor

S.L.T. H.Q., Lotus Road
Colombo-1

T/P: 326444

3. Number of Social Facilities that related to this office

No.	Item	The number of each item (D.S. by D.S.)									
		Angunika pelaasa	Hamban- kaha	Okevela	Ketiwaru	Lunugam epelone	Wesstaks kiyo	Tangala	Tissans pawamya		
1	Government offices	16	52	02	19	18	38	32	22		
2	Police station	01	01	-	01	01	02	01	01		
3	Hospital	03	01	-	03	01	05	03	02		
4	Health unit	04	02	03	18	03	23	09	32		
5	Hotel	-	06	-	-	-	-	08	28		
6	Large Lodge	-	04	-	-	-	01	08	30		
7	Secondary school	18	24	03	26	08	25	34	24		
8	High Secondary school	08	05	-	16	02	10	10	04		
9	College / University	-	-	-	-	-	-	-	01		
10	Theater	01	01	-	-	-	01	01	01		
11	Bank	02	03	01	08	01	05	09	08		
12	Factory (Large scale)	-	02	-	05	01	01	03	01		
13	Store (Large scale)	01	07	-	-	01	-	-	02		
14	Filling Station	01	02	-	03	02	03	02	04		
15	Other Public installations	04 (50)	01 (21)	-(19)	-(50)	01 (26)	-(85)	-(69)	08 (29)		

3. Number of Social Facilities that related to this office

No.	Item	The number of each item (D.S. by D.S.)		
		Geliatu	Suriga Westar, Jaba.	Ambalon
1	Government offices	33	04	17
2	Police station	01	01	02
3	Hospital	03	01	01
4	Health unit	24	01	03
5	Hotel	-	-	03
6	Large Lodge	-	-	01
7	Secondary school	17	09	20
8	High Secondary school	14	02	11
9	College / University	01	-	-
10	Theater	01	-	01
11	Bank	11	02	14
12	Factory (Large scale)	01	01	03
13	Store (Large scale)	01	01	04
14	Filling Station	02	01	03
15	Other Public installations	-(88)	-(6)	-(15)

Questionnaire to District Secretariat Office

Project name : The Study on Telecommunications Networks in the Democratic Socialist Republic of Sri Lanka (1995 - 2015)

District Name (*Kandy*)
 Estimated Population at ¹⁹⁹⁵ 1994 (*1,345,037*)
 Size of Area (*1906.3 Sq. km.*)

1. Labour Force

Code Classification 0 : Agriculture, Hunting, Forestry, Fishing
 1 : Mining and Quarrying
 2 : Manufacturing
 3 : Electricity, Gas and Water
 4 : Construction
 5 : Wholesale & Retail Trade & Restaurants & Hotels
 6 : Transport, Storage and communication
 7 : Finance, Insurance, Real Estate & Business Services
 8 : Community, Social and Personal Services

	Classification Code
1 st	
2 nd	
3 rd	

2. Population (Estimated Population at the end of ¹⁹⁹⁵ 1994-)

2.1 Divisional Secretariat

No.	Name of D.S.	Population	Urban Ratio (%)
1	<i>Udunuwara</i>	<i>89,667</i>	
2	<i>Yatinuwara</i>	<i>90,669</i>	
3	<i>Gangawatu Kor.</i>	<i>2,39,750</i>	
4	<i>Thampone</i>	<i>69,181</i>	
5	<i>Hariyapathwa</i>	<i>73,853</i>	
6	<i>Peejapitiya</i>	<i>54,399</i>	
7	<i>Akurana</i>	<i>50,438</i>	
8	<i>Pathadumbara</i>	<i>55,430</i>	
9	<i>Kundasale</i>	<i>54,647</i>	
10	<i>Panwila</i>	<i>26,874</i>	
11	<i>Melidumbura</i>	<i>56,223</i>	
12	<i>Udadumbara</i>	<i>25,825</i>	
13	<i>Alinipe</i>	<i>49,901</i>	
14	<i>Pathahinichik</i>	<i>83,177</i>	
15	<i>Gangawatu Kor.</i>	<i>50,735</i>	
16	<i>Udapatatha</i>	<i>1,40,694</i>	
17	<i>Pashaye Koril</i>	<i>66,014</i>	
18			
19			
20			

3. Number of Social Facilities that related to this office

No.	Item	The number of each item (D.S. by D.S.)
		Gungawata kor.
1	Government offices	+
2	Police station	20
3	Hospital	46
4	Health unit	26
5	Hotel	22
6	Large Lodge	+
7	Secondary school	} + +
8	High Secondary school	}
9	College / University	02
10	Theater	+
11	Bank	134
12	Factory (Large scale)	+
13	Store (Large scale)	+
14	Filling Station	+
15	Other Public installations	+

+ AGE Available * * School

1 A B	32
1 C	106
2	192
3	164

Questionnaire to District Secretariat Office

Project name : The Study on Telecommunications Networks in the Democratic Socialist Republic of Sri Lanka (1995 - 2015)

District Name (*Matara*)

Estimated Population at 1994 ()

Size of Area (*1282.5 Sq km*)

1. Labour Force

- Code Classification
- 0 : Agriculture, Hunting, Forestry, Fishing
 - 1 : Mining and Quarrying
 - 2 : Manufacturing
 - 3 : Electricity, Gas and Water
 - 4 : Construction
 - 5 : Wholesale & Retail Trade & Restaurants & Hotels
 - 6 : Transport, Storage and communication
 - 7 : Finance, Insurance, Real Estate & Business Services
 - 8 : Community, Social and Personal Services

	Classification Code
1 st	<i>Agri 78-80%</i>
2 nd	
3 rd	

2. Population (Estimated Population at the end of 1994)

2.1 Divisional Secretariat

1993

No.	Name of D.S.	Population	Urban Ratio (%)
② 1	<i>Akureessaⁿ</i>	<i>76 430</i>	
2	<i>Dondra^F</i>	<i>43 314</i>	
3	<i>Dickwella^F</i>	<i>52 337</i>	
4	<i>Hakmana^A</i>	<i>34 894</i>	
③ 5	<i>Kamavupitiya^A</i>	<i>53 478</i>	
6	<i>Kotapolle^F</i>	<i>56 447</i>	
7	<i>Pragade^T</i>	<i>51 399</i>	
8	<i>Thigade^A</i>	<i>33 427</i>	
① 9	<i>Weligama^F</i>	<i>63 068</i>	<i>20,200 32%</i>
10	<i>Maliyadeva^A</i>	<i>31 787</i>	
11	<i>Matara^F</i>	<i>103, 026</i>	<i>44, 250 42%</i>
12	<i>Mulatiyana^F</i>	<i>48 374</i>	
13	<i>Pittabedara^F</i>	<i>45 418</i>	
14	<i>Walipitiya^A</i>	<i>45 800</i>	
15			
16			
17			
18			
19			
20			

*A - Agriculture
T - Tea plantation
F - Fishing & Trade*

2.2 Urban Council / Municipality

Name of U.C./Muni.	Population

Thank you for your cooperation !

Matara district - 91/92

Pradeshia saba^{HP} - 176 (Div Sec) (members)

Regid Voters 487809

U.C	2			
Govt schools	397	→	incl upto A/L 99	upto 153
Teacher	7033			us's 145
Pupils	180343			

S: Fearer rate 1:25.6

Base hospitals — 2

Dist " — 2

Peripheral units — 6

Maternity home 7

Govt Dispensary 12

Specialist Doct 6

Doctur 36

AMPP 43

Nurse 259

Judicial courts 4

Police stb 14

Banks — 44

[53 includes 15 dental clinics + small clinics]

3. Number of Social Facilities that related to this office

No.	Item	The number of each item (D.S. by D.S.)							
		Matara F.G.	Pitabeddera	Kotapola	Devinuwana	Kamburupitiya	Dickwella	Mulatiyana	Hakmana
1	Government offices	116	62	59	66	113	79	71	57
2	Police station / Army	2	-	3	1	1	1	-	1
3	Hospital	1	-	1	-	2	-	1	-
4	Health unit	-	1	1	-	-	1	-	1
5	Hotel								
6	Large Lodge								
7	Secondary school								
8	High Secondary school	41	24	25	20	33	29	29	28
9	College / University								
10	Theater								
11	Bank	13	11	8	8	6	9	5	12
12	Factory (Large scale)	2	5	22	0	5	2	3	1
13	Store (Large scale)								
14	Filling Station								
15	Other Public installations	58	-	64	83	58	113	69	58

← No. of Govt. Corp. Ser.

3. Number of Social Facilities that related to this office

No.	Item	The number of each item (D.S. by D.S.)						
		Pasgoda	Malimboda	Thihagoda	Weligama	Welipitiya	Akuressa	
1	Government offices	66	41	59	68	52	111	
2	Police station	2	-	-	1	-	1	
3	Hospital	2	-	-	4	-	-	
4	Health unit	-	-	-	1	-	1	
5	Hotel							
6	Large Lodge							
7	Secondary school							
8	High Secondary school	27	15	20	31	27	46	
9	College / University							
10	Theater							
11	Bank	9	2	4	17	6	10	
12	Factory (Large scale)	11	13	0	42	22	18	
13	Store (Large scale)							
14	Filling Station							
15	Other Public installations	63	39	57	95	65	0	

Questionnaire to District Secretariat Office

Project name : The Study on Telecommunications Networks in the Democratic Socialist Republic of Sri Lanka (1995 - 2015)

District Name (GALLE.)

Estimated Population at 1994 970600)

Size of Area (1652 Sq km.)

1. Labour Force

Code Classification

- 0 : Agriculture, Hunting, Forestry, Fishing
- 1 : Mining and Quarrying
- 2 : Manufacturing
- 3 : Electricity, Gas and Water
- 4 : Construction
- 5 : Wholesale & Retail Trade & Restaurants & Hotels
- 6 : Transport, Storage and communication
- 7 : Finance, Insurance, Real Estate & Business Services
- 8 : Community, Social and Personal Services

Pg - 17.

	Classification Code
1 st	
2 nd	
3 rd	

2. Population (Estimated Population at the end of 1994)

2.1 Divisional Secretariat

No.	Name of D.S.	Population	Urban Ratio (%)
1	AKHDEHANNA	56874	
2	FOMI GWOOLA	98359	X 80000
3	HABARADUNA	101604	
4	KARANDENYA	91046	
5	TANALAMA.	28818	
6	BENTHOTA.	50492	
7	YAKKALAMULLA	44432	
8	ELPITIYA	58659	
9	LABUDUNA	35037	
10	HAKKADUNA	97137	
11	BADDEGAMA	67137	
12	NELUNA	24010	
13	NIYAGAMA	31206	
14	AMBALANGODA	64381	X 23000
15	Nagoda	54716	
16	BALAPITIYA	66720	
17			
18			
19			
20			

2.2 Urban Council / Municipality

Name of U.C./Muni.	Population
GALLI MC	80000
AMBALANGODA.	23000

Thank you for your cooperation !

3. Number of Social Facilities that related to this office

No.	Item	The number of each item (D.S. by D.S.)							
		Almeemana	Karandemysc	Habaradina	Tawajama	Beneta	Yakelamella	Elpitya	Galle F.G.
1	Government offices	105	107	142	50	76	79	88	95
2	Police station / Army	1	1	3	1	2	1	2	3
3	Hospital	-	1	2	1	-	-	1	1
4	Health unit	-	1	1	-	2	-	-	-
5	Hotel								
6	Large Lodge								
7	Secondary school								
8	High Secondary school	26	51	57	19	26	24	39	34
9	College / University								
10	Theater								
11	Bank	5	13	11	3	7	7	8	14
12	Factory (Large scale)	56	136	34	8	6	20	13	13
13	Store (Large scale)								
14	Filling Station								
15	Other Public installations	45	91	52	22	86	42	22	15

← No. of GN
Co-op. Soc.

3. Number of Social Facilities that related to this office

No.	Item	The number of each item (D.S. by D.S.)							
		Labuduwa	Hikkaduwa	Baddegama	Nelawa	Niyagama	Ambalangoda	Nagoda	Balapitiya
1	Government offices	61	134	112	44	57	82	89	76
2	Police station / Army	1	3	2	1	1	2	2	2
3	Hospital	-	2	-	-	1	1	2	-
4	Health unit	-	1	1	-	-	1	-	-
5	Hotel								
6	Large Lodge								
7	Secondary school								
8	High Secondary school	15	48	39	17	25	28	27	32
9	College / University								
10	Theater								
11	Bank	2	13	14	2	9	11	11	6
12	Factory (Large scale)	4	3	27	9	35	34	21	3
13	Store (Large scale)								
14	Filling Station								
15	Other Public installations	52	72	47	25	44	89	20	88

← No. of GN
Co-op. Soc.

Questionnaire to District Secretariat Office

Project name : The Study on Telecommunications Networks in the Democratic Socialist Republic of Sri Lanka (1995 - 2015)

District Name (Polonnaruwa)

Estimated Population at 1994 (330,228)

Size of Area (3,117.2 SQ km)

1. Labour Force

Code Classification

- 0 : Agriculture, Hunting, Forestry, Fishing
- 1 : Mining and Quarrying
- 2 : Manufacturing
- 3 : Electricity, Gas and Water
- 4 : Construction
- 5 : Wholesale & Retail Trade & Restaurants & Hotels
- 6 : Transport, Storage and communication
- 7 : Finance, Insurance, Real Estate & Business Services
- 8 : Community, Social and Personal Services

	Classification Code
1 st	
2 nd	
3 rd	

2. Population (Estimated Population at the end of 1994)

2.1 Divisional Secretariat

No.	Name of D.S.	Population	Urban Ratio (%)
1	Dimbulagala	84,436	0%
2	Elahera	36,727	0%
3	Lankapura	30,992	0%
4	Medirigiriya	61,150	0%
5	Hingurakgoda	53,029	0%
6	Thamankaduwa	63,896	0%
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			

3. Number of Social Facilities that related to this office

No.	Item	The number of each item (D.S. by D.S.)			
		Elahera	Hingurakgoda	Medirigiriya	Thamankaduwa
1	Government offices	05	08	06	10-15
2	Police station	01	02	01	01
3	Hospital	02	02	01	01
4	Health unit	01	01	03	01
5	Hotel	-	02	-	03
6	Large Lodge	02	08	-	10
7	Secondary school	24	25	20	19
8	High Secondary school	5	7	07	14
9	College / University	-	-	-	01
10	Theater	-	02	01	01
11	Bank	04	12	06	14
12	Factory (Large scale)	02	-	01	-
13	Store (Large scale)	-	-	-	-
14	Filling Station	-	-	-	-
15	Other Public installations	-	-	-	-

(*)
+
✓
✓

(*) with Rural Banks. + See page 20. Large Rice Mills & Small Rice Mills.

3. Number of Social Facilities that related to this office

No.	Item	The number of each item (D.S. by D.S.)	
		Dimbubgala	Lankapura
1	Government offices	08	05
2	Police station	03	01
3	Hospital	03	02
4	Health unit	04	-
5	Hotel	-	-
6	Large Lodge	03	-
7	Secondary school	63	11
8	High Secondary school	07	06
9	College / University	-	-
10	Theater	-	-
11	Bank	05	02
12	Factory (Large scale)	-	01
13	Store (Large scale)		
14	Filling Station		
15	Other Public installations		

Questionnaire to District Secretariat Office

Project name : The Study on Telecommunications Networks in the Democratic Socialist Republic of Sri Lanka (1995 - 2015)

District Name (Ampara)
 Estimated Population at 1994 (474,000)
 1990
 Size of Area (4,44.9 sq km)

1. Labour Force

Code Classification 0 : Agriculture, Hunting, Forestry, Fishing
 1 : Mining and Quarrying
 2 : Manufacturing
 3 : Electricity, Gas and Water
 4 : Construction
 5 : Wholesale & Retail Trade & Restaurants & Hotels
 6 : Transport, Storage and communication
 7 : Finance, Insurance, Real Estate & Business Services
 8 : Community, Social and Personal Services

	Classification Code
1 st	
2 nd	
3 rd	

2. Population (Estimated Population at the end of 1994)

2.1 Divisional Secretariat

No.	Name of D.S.	Population	Urban Ratio (%)
1	Addalachenai		
2	Akkaniipattu		
3	Alaiyadiyembu		
4	Kalmunai (Tamil)		
5	Kalmunai (Muslim)		
6	Uthana		
7	Lahugalai		
8	Sammancherai		
9	Amparai		
10	Nintavurpattu		
11	Karaitivu		
12	Damana		
13	Maha Oya		
14	Poreuvil		
15	Thirukovil		
16	Padiyatalaun		
17	Dehiyatakandya		
18			
19			
20			

3. Number of Social Facilities that related to this office

No.	Item	The number of each item (D.S. by D.S.)	
		DEPARTMENT	MHAHOYA
1	Government offices	8/4	3/1
2	Police station	1/1	1/1
3	Hospital	1	1
4	Health unit	7	
5	Hotel	-	
6	Large Lodge	-	
7	Secondary school	37	
8	High Secondary school	28	
9	College / University	1	
10	Theater	1	
11	Bank	5	1
12	Factory (Large scale)	1/1	1/1
13	Store (Large scale)	60	
14	Filling Station	1	-
15	Other Public installations	1	

Rice mill 35

Questionnaire to District Secretariat Office

Project name : The Study on Telecommunications Networks in the Democratic Socialist Republic of Sri Lanka (1995 - 2015)

District Name (MATALE)

Estimated Population at 1994 (444629)

Size of Area (1999 Sq km)

1. Labour Force

Code Classification

- 0 : Agriculture, Hunting, Forestry, Fishing
- 1 : Mining and Quarrying
- 2 : Manufacturing
- 3 : Electricity, Gas and Water
- 4 : Construction
- 5 : Wholesale & Retail Trade & Restaurants & Hotels
- 6 : Transport, Storage and communication
- 7 : Finance, Insurance, Real Estate & Business Services
- 8 : Community, Social and Personal Services

	Classification Code
1 st	
2 nd	
3 rd	

2. Population (Estimated Population at the end of 1994)

2.1 Divisional Secretariat

No.	Name of D.S.	Population	Urban Ratio (%)
1	AMBAGAMUWA	16106	
2	DAKBULLA	49937	
3	GALEWELA	68032	
4	LAGGALA	14067	
5	MATALE	68302	52%
6	NAULA	29505	
7	PALLEPOLA	29460	
8	RATTOTA	51804	
9	UKUWELA	59664	
10	WIGAMUWA	29219	
11	YATAWATTA	29593	
12			
13			
14			
15			
16			
17			
18			
19			
20			

2.2 Urban Council / Municipality

Name of U.C./Muni.	Population
MATALE	35633

Thank you for your cooperation !

Questionnaire to District Secretariat Office

Project name : The Study on Telecommunications Networks in the Democratic Socialist Republic of Sri Lanka (1995 - 2015)

District Name (Badulla .) | Monaragalle
 Estimated Population at 1994 (748,027)
 Size of Area (2818.2 SQ Km.) | 5956.7 SQ Km

1. Labour Force

Code Classification 0 : Agriculture, Hunting, Forestry, Fishing
 1 : Mining and Quarrying
 2 : Manufacturing
 3 : Electricity, Gas and Water
 4 : Construction
 5 : Wholesale & Retail Trade & Restaurants & Hotels
 6 : Transport, Storage and communication
 7 : Finance, Insurance, Real Estate & Business Services
 8 : Community, Social and Personal Services

	Classification Code
1st	0
2nd	
3rd	

2. Population (Estimated Population at the end of 1994)

2.1 Divisional Secretariat (1990 est. est. mod.) Pop 1993 (Survey)

No.	Name of D.S.	Population	Urban-Ratio (%)
1	Badulla *	61600	68,399
2	Sornathota	22000	22,143
3	Neebhala	17300	17,888
4	Kanbaketiya	26300	23,050
5	Rithimaliyeti	38,800	42,664
6	MYANGANA	74,000	61,157
7	Passara	26,300	26,021
8	Haliella	21,500	21,927
9	ELLA	36,600	37,695
10	Bandarawella *	50,200	48,229
11	Haputtala	45,100	43,625
12	Haldumulla	42,700	35,343
13	Weli-mada *	79,500	84,005
14	Uva PARANAGAMA	73,000	76,166
15			
16		73,3000	
17			
18			
19			
20			

Agnigama! mid →

2.2 Urban Council / Municipality

Name of U.C./Muni.	Population
Badulla	
Bandarawela	
Haputhale	

Thank you for your cooperation !

K. V. Wijewardane started initiative. St. Lawrence
 T/P 2455 (O.S.S) Kael. ching Badda

3. Number of Social Facilities that related to this office

No.	Item	The number of each item (D.S. by D.S.)		
		E/Ca. / No. / T/P	Badakelle (district)	Kandahetiya
1	Government offices	20-25 / 13	75	
2	Police station / Post	1/2 / P-3.	1 (divin)	32
3	Hospital	1	10	
4	Health unit (Central Disp.)	5 / 4	A ³ B ² C ² D 6+6+2+16	
5	Hotel	1	10	
6	Large Lodge	8	32	
7	Secondary school	20 / 17	438	
8	High Secondary school	8 / 85 (2. Dols other)	115	
9	College / University	4 / 4	1 - Wadduwa 3 - Kael. ching	
10	Theater	-	6	
11	Bank	4 / 4	DIV 22	23 32
12	Factory (Large scale)	8	700 / 45 / 10 / 15 Large / Small	
13	Store (Large scale)	2	5	
14	Filling Station	1	9	
15	Other Public installations			

Welimada

48

Temple of library. 12/11
 NGO - 1
 A - Peripend unit
 B - Rural hospital
 C - maternity clinic

3. Number of Social Facilities that related to this office

No.	Item	The number of each item (D.S. by D.S.)						
		UVA Paramaribo	Bombard	Hopital	Sarnatia	Haliella / Kethimal	Halderma	Muchaf
1	Government offices							
2	Police station	1	1	2				
3	Hospital							
4	Health unit							
5	Hotel							
6	Large Lodge							
7	Secondary school							
8	High Secondary school							
9	College / University							
10	Theater							
11	Bank	37	25	16	5	28	12	14
12	Factory (Large scale)							4
13	Store (Large scale)							
14	Filling Station							
15	Other Public installations							

Questionnaire to District Secretariat Office

Project name : The Study on Telecommunications Networks in the Democratic Socialist Republic of Sri Lanka (1995 - 2015)

District Name (Nuwara Eliya)

Estimated Population at 1994 (681,451)

Size of Area (1,720.5 Sq Km)

1. Labour Force

Code Classification

- 0 : Agriculture, Hunting, Forestry, Fishing
- 1 : Mining and Quarrying
- 2 : Manufacturing
- 3 : Electricity, Gas and Water
- 4 : Construction
- 5 : Wholesale & Retail Trade & Restaurants & Hotels
- 6 : Transport, Storage and communication
- 7 : Finance, Insurance, Real Estate & Business Services
- 8 : Community, Social and Personal Services

	Classification Code
1 st	0
2 nd	2
3 rd	4

2. Population (Estimated Population at the end of 1994)

2.1 Divisional Secretariat

No.	Name of D.S.	Population	Urban Ratio (%)
1	Ambisgamuwa Kerele	137,170	6.3
2	Koehmale	96,089	-
3	Nuwara Eliya	202,942	15.2
4	Walapane	109,120	-
5	Udaheuwaheta	86,130	-
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			

2.2 Urban Council / Municipality

Name of U.C./Muni.	Population
Nuwara Eliya M.C.	25,020
Talawakele U.C.	5,860
Hasson - Dick Oya U.C.	11,928

Thank you for your cooperation !

3. Number of Social Facilities that related to this office

No.	Item	The number of each item ()					District Total
		Ambagamawa konde	Kochmale	Nuwara Eliya	Wabpane	Udahewaheta	
1	Government offices	20	14	32	20	26	
2	Police station	4	2	7	3	2	
3	Hospital	8	8	7	10	6	
4	Health unit	1	1	1	1	1	
5	Hotel	5	6	20	10	13	
6	Large Lodge	-	-	8	-	-	
7	Secondary school	121	71	137	70	60	
8	High Secondary school	16	12	13	10	9	
9	College / University	-	-	1	1	-	
10	Theater	3	-	6	2	-	
11	Bank						64
12	Factory (Large scale)	210	33	138	67	120	
13	Store (Large scale)						
14	Filling Station	3	1	4	1	1	
15	Other Public installations	5	4	9	4	4	

24th April 1995

Questionnaire to District Secretariat Office

Project name : The Study on Telecommunications Networks in the Democratic Socialist Republic of Sri Lanka (1995 - 2015)

District Name (Kurunegala)

Estimated Population at 1994 (1,375,591)

Size of Area (4,584.3 SQ km)

1. Labour Force

Code Classification 0 : Agriculture, Hunting, Forestry, Fishing
1 : Mining and Quarrying
2 : Manufacturing
3 : Electricity, Gas and Water
4 : Construction
5 : Wholesale & Retail Trade & Restaurants & Hotels
6 : Transport, Storage and communication
7 : Finance, Insurance, Real Estate & Business Services
8 : Community, Social and Personal Services

	Classification Code
1 st	0
2 nd	5
3 rd	8

2. Population (Estimated Population at the end of 1994)

2.1 Divisional Secretariat

No.	Name of D.S.	Population	Urban Ratio (%)
1	Alawwa	53,678	0%
2	Bingiriya	54,970	0%
3	Galgamulla	66,925	0%
4	Ganewatta	38,329	0%
5	Giribawa	26,135	0%
6	Hettipola	63,286	0%
7	Ibbagamuwa	73,312	0%
8	Katupatha	24,281	0%
9	Kobeigane	30,200	0%
10	Kotawehera	19,163	0%
11	Kuliyapitiya E	39,952	0%
12	Kuliyapitiya W	66,174	7%
13	Kurunegala	79,677	34%
14	Mahawa	68,259	0%
15	Mallarapitiya	40,691	0%
16	Maspota	32,767	0%
17	Mawaabagama	58,293	0%
18	Narammala	46,672	0%
19	Nikaweratiya	38,568	0%
20	Pannala	103,475	0%

Continued on next page.

2.2 Urban Council / Municipality

Name of U.C./Muni.	Population (Urban)
Kuliyapitiya East	4,747
Kurunegala	26,897

From 2.1

No.	Name of D.S.	Population	Urban Ratio (%)
21	Polgahawela	55,504	0%
22	Polpithigama	69,540	0%
23	Rasnayakapura	18,322	0%
24	Ridigama	79,471	0%
25	Udubeddawa	49,762	0%
26	Wariyapola	49,533	0%
27	Weerabagedara	28,652	0%

3. Number of Social Facilities that related to this office

No.	Item	The number of each item (D.S. by D.S.)							
		Alawwa	Bingiriya	Galgamuwa	Ganewatta	Giribawa	Hettipola	Ibbagamuwa	Katupotha
1	Government offices	68	54	99	44	37	80	76	38
2	Police station (offices)	97	69	1	0	2	30	122	46
3	Hospital	1	1	1	1		1	1	0
4	Health unit								
5	Hotel								
6	Large Lodge								
7	Secondary school								
8	High Secondary school								
9	College / University								
10	Theater								
11	Bank	15	9	6	4	0	3	4	3
12	Factory (Large scale)								
13	Store (Large scale)								
14	Filling Station								
15	Other Public installations								

3. Number of Social Facilities that related to this office

No.	Item	The number of each item (D.S. by D.S.)							
		Kobeigane	Kotawehera	Kaliyapitiya E	Kaliyapitiya W	Kurunegala	Maha wa	Mallawapitiya	Maspota
1	Government offices	37	33	80	47	66	98	47	46
2	Police station	0	1	0	0	602	11	0	0
3	Hospital	1	1	128	1	5	1	1	0
4	Health unit								
5	Hotel								
6	Large Lodge								
7	Secondary school								
8	High Secondary school								
9	College / University								
10	Theater								
11	Bank	2	2	5	0	8	4	3	6
12	Factory (Large scale)								
13	Store (Large scale)								
14	Filling Station								
15	Other Public installations								

3. Number of Social Facilities that related to this office

No.	Item	The number of each item (D. S. by D. S.)									
		Mavathagama	Narammala	Njavaratya	Pannala	Palgahawela	Polpithigama	Rasnakapwa	Ridigama		
1	Government offices (GN)	93	56	44	89	86	84	30	115		
2	Police station (offices)	76	75	73	144	170	69	36	30		
3	Hospital	1	1	1	1	1	1	1	1		
4	Health unit										
5	Hotel										
6	Large Lodge										
7	Secondary school										
8	High Secondary school										
9	College / University										
10	Theater										
11	Bank	0	4	4	6	3	1	1	3		
12	Factory (Large scale)										
13	Store (Large scale)										
14	Filling Station										
15	Other Public installations										

D.S. offices
 ← GN. Number
 POST OFFICE

3. Number of Social Facilities that related to this office

No.	Item	The number of each item (D.S. by D.S.)		
		Udubeddawa	Waryapola	Weerabagelawa
1	Government offices	45	62	40
2	Police station	1	110	0
3	Hospital	1	1	0
4	Health unit			
5	Hotel			
6	Large Lodge			
7	Secondary school			
8	High Secondary school			
9	College / University			
10	Theater			
11	Bank	7	4	0
12	Factory (Large scale)			
13	Store (Large scale)			
14	Filling Station			
15	Other Public installations			

Questionnaire to District Secretariat Office

Project name : The Study on Telecommunications Networks in the Democratic Socialist Republic of Sri Lanka (1995 - 2015)

District Name (Puttalam)

Estimated Population at 1994 (598,932)

Size of Area (2,846.5 Sq Km)

1. Labour Force

- Code Classification
- 0 : Agriculture, Hunting, Forestry, Fishing
 - 1 : Mining and Quarrying
 - 2 : Manufacturing
 - 3 : Electricity, Gas and Water
 - 4 : Construction
 - 5 : Wholesale & Retail Trade & Restaurants & Hotels
 - 6 : Transport, Storage and communication
 - 7 : Finance, Insurance, Real Estate & Business Services
 - 8 : Community, Social and Personal Services

	Classification Code
1 st	
2 nd	
3 rd	

2. Population (Estimated Population at the end of 1994)

2.1 Divisional Secretariat

No.	Name of D.S.	Population	Urban Ratio (%)
1	Anamaduva	31,486	0%
2	Arachchikattuwa	35,665	0%
3	Chilaw	63,301	40%
4	Dankatuwa	43,291	0%
5	Kalpitiya	43,870	0%
6	Karuwalagaswera	18,735	0%
7	Kirimetiya	12,604	0%
8	Madampe	40,366	0%
9	Mahakumbukkadana	18,893	0%
10	Mundel	43,753	0%
11	Nattandiya	57,391	0%
12	Pallama	18,291	0%
13	Puttalam Patacu	48,758	58%
14	Wanachauwilla	11,581	0%
15	Wenappuwa	71,364	0%
16	Yatakalapattuwa	45,785	0%
17			
18			
19			
20			

2.2 Urban Council / Municipality

Name of U.C./Muni.	Population
Chilaw	25,231
Puttalam Pattu	28,451

Thank you for your cooperation !

3. Number of Social Facilities that related to this office

No.	Item	The number of each item ()							
		Ananaduwa	Anadchikattuwa	Chilaw	Dankotuwa	Kalpitiya	Karunagalagayana	Kirinciyana	Medampe
1	Government offices	37	35	51	49	33	28		51
2	Police station	13	0	45	91	1	26		52
3	Hospital	1	1	0	1	1	1		1
4	Health unit								
5	Hotel								
6	Large Lodge								
7	Secondary school								
8	High Secondary school								
9	College / University								
10	Theater								
11	Bank	4	1	7	8	6	1		3
12	Factory (Large scale)								
13	Store (Large scale)								
14	Filling Station								
15	Other Public installations								

3. Number of Social Facilities that related to this office

No.	Item	The number of each item ()							
		Mahakumbh adawab	Mundel	Narasimya Pallama	Putealam Pecallanathavillan	Wenappua	Yakalalan Pateewa		
1	Government offices	27		49	20	24	19	54	
2	Police station	1		62	1	1	2	142	
3	Hospital	1		1	0	1	1	1	
4	Health unit								
5	Hotel								
6	Large Lodge								
7	Secondary school								
8	High Secondary school								
9	College / University								
10	Theater								
11	Bank	0		8	1	6	1	13	
12	Factory (Large scale)								
13	Store (Large scale)								
14	Filling Station								
15	Other Public installations								

26ek April 1995.

Questionnaire to District Secretariat Office

Project name : The Study on Telecommunications Networks in the Democratic Socialist Republic of Sri Lanka (1995 - 2015)

District Name (Anuradhapura)

Estimated Population at 1994 (675,125)

Size of Area (6,663.8 SQ km)

1. Labour Force

Code Classification

- 0 : Agriculture, Hunting, Forestry, Fishing
- 1 : Mining and Quarrying
- 2 : Manufacturing
- 3 : Electricity, Gas and Water
- 4 : Construction
- 5 : Wholesale & Retail Trade & Restaurants & Hotels
- 6 : Transport, Storage and communication
- 7 : Finance, Insurance, Real Estate & Business Services
- 8 : Community, Social and Personal Services

	Classification Code
1 st	
2 nd	
3 rd	

2. Population (Estimated Population at the end of 1994)

2.1 Divisional Secretariat

No.	Name of D.S.	Population	Urban Ratio (%)
1	Galnewa	26,684	0%
2	Horowpathana	25,779	0%
3	Huruluwewa	36,633	0%
4	Ipolagama	30,286	0%
5	Kahatagasdigiliya	25,881	0%
6	Kebithigallewa	20,984	0%
7	Kekirawa	47,144	0%
8	Medawachchiya	40,877	0%
9	Mahavilachchiya	16,085	0%
10	Mihintale	23,085	0%
11	Nochchiyagama	39,304	0%
12	Nuwargampalatha	52,036	27%
13	-ditto-	E 69,373	47%
14	Padaviya	19,669	0%
15	Palagala	27,783	0%
16	Palugasuwewa	10,510	0%
17	Rajangana	27,338	0%
18	Rambewa	27,357	0%
19	Thalawa	53,770	0%
20	Thambuththegara	25,709	0%
21	Thirappane	28,838	0%

2.2 Urban Council / Municipality

Name of U.C./Muni.	Population (Urban)
Nuwaragampala C	13,901
Nuwaragampala E	32,434

Thank you for your cooperation !

3. Number of Social Facilities that related to this office

No.	Item	The number of each item (D.S. by D.S.)	
		Medawuchchaya	M-hintale.
1	Government offices	15/6	18/14
2	Police station	1	1/1
3	Hospital	3/2	2/2
4	Health unit		-
5	Hotel	50/40	04/1
6	Large Lodge		
7	Secondary school	06/1	3/0
8	High Secondary school	01/1	-
9	College / University		-
10	Theater	01/01	-
11	Bank	02/1	02/02
12	Factory (Large scale)	10/17	02/-
13	Store (Large scale)	1	-
14	Filling Station	01/01	01/01
15	Other Public installations	3/3	02/-

SRI LANKA TELECOM

NUMBER OF SUBSCRIBERS BILLED FOR NATIONAL CONSUMPTION
(AMI. & INTERVAL IN RUPEES)

PERIOD: JUNE TERTIARY CENTRE: 1

BC	000-200	201-500	501-1000	1001-2000	2001-5000	5001-10000	10001-20000	20001-50000	>50000	SUB. TOTAL
Air Lanka	0	0	0	0	0	0	0	0	0	1
Awisawella	321	506	369	326	275	77	30	4	1	1909
Central	6079	7282	6383	7864	8509	3432	980	94	5	40628
Celitel	0	0	0	0	0	0	0	0	0	1
Chilaw	161	238	145	134	110	35	18	3	13	857
Chilaw - 2	192	286	179	166	149	38	16	0	0	1026
Gampaha	798	453	233	216	164	67	18	9	1	1979
Havelock Town	2897	3749	3211	3337	3232	839	214	6	1	17686
Kegalle	434	587	367	296	254	71	32	6	0	2047
Kurunegala	626	832	686	674	597	210	69	13	0	3707
Kalutara	645	775	539	530	425	157	66	14	0	3151
Kotte	1303	2107	1701	1647	1237	318	87	6	0	8406
Kannayake	328	271	175	223	292	175	66	9	0	1539
Maradana	2523	3081	2585	2938	3097	1188	331	31	1	15575
Maharaja	0	0	0	0	0	0	0	0	0	1
Mobile	0	0	0	0	0	0	0	0	0	1
Mount Lavinia	4054	6005	4206	3228	1972	490	132	22	4	20113
Nugegoda	2603	4123	3024	2765	1839	411	124	32	0	14921
Negombo	500	819	665	630	545	155	68	8	1	3391
Panadura	0	0	0	0	0	0	0	0	0	0
Pav Phone	0	0	0	0	0	0	0	0	0	1
Panadura - 2	483	507	332	241	152	45	10	4	0	1774
Call Link	0	0	0	0	0	0	0	0	0	1
TOTAL	23747	31621	24820	25415	22849	7708	2261	261	33	138715
(%)	17.11	22.79	17.89	18.32	16.47	5.55	1.62	0.18	0.02	99.95
CUM	17.11	39.90	57.79	76.11	92.58	98.13	99.75	99.93	99.95	0.00

SRI LANKA TELECOM

NUMBER OF SUBSCRIBERS RELIED FOR INTERNATIONAL CONSUMPTION
(AMT. & INTERVAL IN RUPEES)

BC	PERIOD: JUNE											SUB TOTAL		
	000-200	201-500	501-1000	1001-2000	2001-5000	5001-10000	10001-20000	20001-50000	>50000	TERIARY CENTRE:				
Air Lanka	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Awissawella	3	15	6	11	12	8	4	3	4	3	4	4	66	66
Central	187	325	442	536	974	852	856	927	863	856	927	863	5962	5962
Coltel	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Chilaw	2	4	5	3	6	6	2	4	2	4	4	2	34	34
Chilaw - 2	5	4	9	13	21	21	11	6	14	6	14	14	104	104
Gampaha	9	19	10	11	17	11	14	10	10	10	10	6	107	107
Havelock Town	85	248	313	358	666	556	471	455	258	455	455	258	3410	3410
Kegalle	6	3	14	9	20	12	7	11	8	11	11	8	90	90
Kurunegala	9	32	37	42	61	43	49	27	13	49	27	13	313	313
Kalutara	9	12	19	20	37	24	19	20	22	19	20	22	182	182
Kotte	27	63	96	131	194	156	127	84	42	127	84	42	920	920
Kannayake	4	10	8	12	30	17	30	49	86	30	49	86	246	246
Maradana	62	131	197	266	405	405	401	394	278	401	394	278	2539	2539
Maharaja	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Mobitel	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Mount Lavinia	45	158	166	226	367	229	160	137	90	160	137	90	1578	1578
Nugegoda	52	115	148	195	313	239	160	111	50	239	160	111	1383	1383
Negombo	13	36	34	50	71	55	46	37	49	46	37	49	391	391
Panadura	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pay Phone	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Panadura - 2	3	7	21	19	21	8	11	9	5	11	9	5	104	104
Call Link	0	0	0	0	0	0	0	0	0	0	0	0	1	1
TOTAL	521	1182	1525	1902	3215	2642	2368	2285	1795	2368	2285	1795	17435	17435
(%)	2.98	6.77	8.74	10.90	18.43	15.15	13.58	13.10	10.29	13.58	13.10	10.29	99.94	99.94
CUM	2.98	9.75	18.49	29.39	47.82	62.97	76.55	89.65	99.94	76.55	89.65	99.94	0.00	0.00

SRI LANKA TELECOM

NUMBER OF SUBSCRIBERS BILLED FOR INTERNATIONAL CONSUMPTION
(AMT. & INTERVAL IN RUPEES)

BC	PERIOD: JUNE											SUB. TOTAL			
	000-200	201-500	501-1000	1001-2000	2001-5000	5001-10000	10001-20000	20001-50000	>50000	TERTIARY CENTRE :					
Air Lanka	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Awissawella	275	460	376	325	316	104	36	12	1910					6	1910
Central	4781	6258	5462	6961	8559	4450	2100	1201	974	40746				974	40746
Celltel	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Chilaw	136	226	155	128	126	48	16	5	18	858				18	858
Chilaw - 2	163	281	157	174	137	62	25	12	16	1027				16	1027
Campaha	750	447	246	216	191	79	30	17	11	1987				11	1987
Havelock Town	2291	3123	2677	3062	3406	1498	803	558	303	17723				303	17723
Kegalle	368	559	354	313	299	89	40	17	11	2050				11	2050
Kurunegala	536	766	651	664	661	247	110	61	18	3714				18	3714
Kalutara	569	720	512	530	480	190	85	41	29	3156				29	3156
Kotte	1127	1921	1527	1546	1354	520	238	126	54	8413				54	8413
Katunavake	257	248	143	187	272	189	97	57	94	1544				94	1544
Maradana	1827	2657	2184	2337	3095	1673	810	514	315	15612				315	15612
Maharaja	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Mobitel	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Mount Lavinia	3547	5626	3973	3287	2251	794	334	212	112	20136				112	20136
Nugegoda	2247	3807	2823	2661	2103	724	315	180	70	14930				70	14930
Negombo	435	748	573	619	597	220	111	48	60	3411				60	3411
Panadura	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pay Phone	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Panadura - 2	444	490	310	255	176	55	20	21	5	1776				5	1776
Call Link	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
TOTAL	19753	28339	22123	23465	24023	10942	5170	3082	2102	138999				2102	138999
(%)	14.21	20.38	15.91	16.88	17.28	7.87	3.71	2.21	1.51	99.96				1.51	99.96
CUM	14.21	34.59	50.50	67.38	84.66	92.53	96.24	98.45	99.96	0.00				99.96	0.00

SRI LANKA TELECOM

NUMBER OF SUBSCRIBERS BILLIED FOR NATIONAL CONSUMPTION
(AMT. & INTERVAL IN RUPEES)

PERIOD: JUNE TERTIARY CENTRE: 2

	000-200	201-500	501-1000	1001-2000	2001-5000	5001-10000	10001-20000	20001-50000	>50000	SUB. TOTAL
BC										
Ampara	62	68	84	84	69	69	28	15	4	414
Batticaloa	360	398	250	203	129	129	53	45	36	1476
Badulla	441	743	600	596	530	530	172	55	8	3145
Bandarawela	282	438	309	327	319	319	106	26	12	1820
Dambulla	35	27	36	31	47	47	14	7	1	198
Hantoo	70	119	99	102	105	105	23	6	5	532
Hantoo - 2	33	53	56	65	69	69	22	6	1	305
Kalrumai	259	233	142	130	48	48	15	8	0	835
Kandy	1812	2115	1460	1266	1054	1054	402	147	41	8299
Matale	358	493	397	364	310	310	91	25	9	2047
Navalappiyya	67	68	39	39	29	29	6	4	1	253
Nuwara Eliya	246	332	285	296	292	292	113	23	8	1596
TOTAL	4025	5087	3757	3503	3001	3001	1045	367	126	20920
(%)	19.24	24.31	17.95	16.74	14.34	14.34	4.99	1.75	0.60	99.96
CUM	19.24	43.55	61.50	78.24	92.58	92.58	97.57	99.32	99.92	99.96
										0.00

SRI LANKA TELECOM

NUMBER OF SUBSCRIBERS BILLED FOR INTERNATIONAL CONSUMPTION
(AMT. & INTERVAL IN RUPEES)

PERIOD: JUNE TERTIARY CENTRE: 2

BC	000-200	201-500	501-1000	1001-2000	2001-5000	5001-10000	10001-20000	20001-50000	>50000	SUB. TOTAL
Ampara	1	2	5	2	0	0	1	0	0	11
Batticaloa	7	7	7	8	8	1	4	8	3	53
Badulla	6	15	14	13	9	12	4	3	3	79
Bandarawela	3	13	15	10	14	7	5	2	1	70
Dambulla	0	2	1	2	3	0	0	0	0	8
Hatton	2	7	7	7	7	1	1	0	0	32
Hatton - 2	1	2	1	4	4	0	0	0	0	12
Kalmunai	0	0	1	0	0	0	0	0	0	1
Kandy	20	50	78	78	119	107	69	46	18	585
Matale	2	17	8	15	22	15	9	10	5	103
Nawalapitiya	2	0	1	0	3	1	0	0	0	7
Nuwara Eliya	3	8	7	8	18	9	7	12	6	78
TOTAL	47	123	145	147	207	153	100	81	36	1039
(%)	4.52	11.83	13.95	14.14	19.92	14.72	9.62	7.79	3.46	99.95
CUM	4.52	16.35	30.30	44.44	64.36	79.08	88.70	96.49	99.95	0.00

SRI LANKA TELECOM

NUMBER OF SUBSCRIBERS BILLED FOR NATIONAL & INTERNATIONAL CONSUMPTION
(AMT. & INTERVAL IN RUPEES)

2

BC	PERIOD: JUNE											TERTIARY CENTRE:				SUB. TOTAL
	000-200	201-500	501-1000	1001-2000	2001-5000	5001-10000	10001-20000	20001-50000	>50000							
Ampara	59	61	82	90	72	28	18	5	0	415						
Baticaloa	325	395	242	213	149	36	44	44	10	1478						
Badulla	393	710	565	606	569	214	72	18	3	3150						
Bandarawela	259	408	297	326	358	123	32	20	2	1825						
Dambulla	33	25	35	32	44	19	9	1	0	198						
Hantoo	66	110	80	117	110	36	7	5	3	534						
Hantoo - 2	28	49	60	60	78	21	6	3	0	305						
Kalmunai	237	232	149	134	59	16	8	0	0	835						
Kandy	1612	1989	1394	1289	1150	493	229	122	27	8305						
Matale	318	483	362	370	337	113	37	28	7	2051						
Nawalapitiya	51	73	40	43	34	7	6	1	0	255						
Nuwara Eliya	218	308	271	306	301	129	41	22	9	1605						
TOTAL	3599	4843	3577	3586	3261	1255	505	269	61	20956						
(%)	17.17	23.10	17.06	17.11	15.56	5.98	2.40	1.28	0.29	99.95						
CUM	17.17	40.27	57.33	74.44	90.00	95.98	98.38	99.66	99.95	0.00						

SRI LANKA TELECOM

NUMBER OF SUBSCRIBERS BILLED FOR NATIONAL CONSUMPTION
(AMT. & INTERVAL IN RUPEES)

PERIOD:	TERTIARY CENTRE :										
	2										
JUNE	000-200	201-500	501-1000	1001-2000	2001-5000	5001-10000	10001-20000	20001-50000	>50000	SUB. TOTAL	
BC											
Anuradhapura	333	525	488	547	521	189	61	29	0	2693	0
Jaffna	0	0	0	0	0	0	0	0	0	0	0
Mannar	0	0	0	0	0	0	0	0	0	0	0
Polemuruwa	131	179	141	143	153	33	22	7	0	802	0
Trincomallee	79	144	116	168	145	78	49	22	1	802	1
Vavunia	77	117	79	106	96	38	26	5	2	546	2
TOTAL	620	965	824	964	915	338	158	63	3	4850	3
(%)	12.78	19.89	16.98	19.87	18.86	6.96	3.25	1.29	0.06	99.94	0.06
CUM	12.78	32.67	49.65	69.52	88.38	95.34	98.59	99.88	99.94	0.00	0.00

SRI LANKA TELECOM

NUMBER OF SUBSCRIBERS BILLED FOR INTERNATIONAL CONSUMPTION
(AMT. & INTERVAL IN RUPEES)

PERIOD: JUNE TRLRY CENTRE: 2

BC	1000-200	201-500	501-1000	1001-2000	2001-5000	5001-10000	10001-20000	20001-50000	>50000	SUB. TOTAL
Anuradhapura	7	5	11	11	20	10	6	8	3	81
Jaffna	0	0	0	0	0	0	0	0	0	0
Mannar	0	0	0	0	0	0	0	0	0	0
Poilaruwa	1	1	2	7	9	1	3	2	2	28
Trincomalee	1	2	2	14	8	8	7	6	3	51
Vavunia	2	0	3	4	0	2	1	5	4	21
TOTAL	11	8	18	36	37	21	17	21	12	181
(%)	6.07	4.41	9.94	19.88	20.44	11.60	9.39	11.60	6.62	99.95
CUM	6.07	10.48	20.42	40.30	60.74	72.34	81.73	93.33	99.95	0.00

SRI LANKA TELECOM

NUMBER OF SUBSCRIBERS BILLED FOR NATIONAL & INTERNATIONAL CONSUMPTION
(AMT. & INTERVAL IN RUPEES)

2

TERTIARY CENTRE:

PERIOD: JUNE

PC	000-200	201-500	501-1000	1001-2000	2001-5000	5001-10000	10001-20000	20001-50000	>50000	SUB. TOTAL
Anuradhapura	304	489	454	566	556	207	74	39	9	2698
Jaffna	0	0	0	0	0	0	0	0	0	0
Mannar	0	0	0	0	0	0	0	0	0	0
Polonnaruwa	111	168	142	149	156	43	27	11	2	809
Trincomalee	95	160	119	164	154	84	52	33	9	870
Vavunia	60	123	68	118	102	37	21	11	8	548
TOTAL	570	940	783	997	968	371	174	94	28	4925
(%)	11.57	19.08	15.89	20.24	19.65	7.53	3.53	1.90	0.56	99.95
CUM	11.57	30.65	46.54	66.78	86.43	93.96	97.49	99.39	99.95	0.00

SRI LANKA TELECOM

NUMBER OF SUBSCRIBERS BILLED FOR NATIONAL CONSUMPTION
(AMT. & INTERVAL IN RUPEES)

PERIOD: JUNE TERTIARY CENTRE: 2

BC	000-200	201-500	501-1000	1001-2000	2001-5000	5001-10000	10001-20000	20001-50000	>50000	SUB. TOTAL
Galle	567	821	538	531	635	281	100	18	3	3494
Hambantota	483	628	485	415	405	167	65	22	1	2671
Matara	795	621	372	341	290	119	44	30	0	2612
Ratnapura	345	557	480	523	491	171	36	14	2	2619
TOTAL	2190	2627	1875	1810	1821	738	245	84	6	11396
(%)	19.21	23.05	16.45	15.88	15.97	6.47	2.14	0.73	0.05	99.95
CUM.	19.21	42.26	58.71	74.59	90.56	97.03	99.17	99.90	99.95	0.00

SRI LANKA TELECOM

NUMBER OF SUBSCRIBERS BILLED FOR INTERNATIONAL CONSUMPTION
(AMT. & INTERVAL IN RUPEES)

PERIOD: JUNE TERTIARY CENTRE: 2

BC	000-200	201-500	501-1000	1001-2000	2001-5000	5001-10000	10001-20000	20001-50000	>50000	SUB. TOTAL
Galle	9	19	16	29	45	43	43	23	18	245
Hambantota	10	10	17	12	30	13	8	5	3	108
Matara	8	11	15	15	17	11	5	4	1	87
Ramapura	10	10	16	27	29	8	14	9	4	127
TOTAL	37	50	64	83	121	75	70	41	26	567
(%)	6.52	8.81	11.28	14.63	21.34	13.22	12.34	7.23	4.58	99.95
CUM	6.52	15.33	26.61	41.24	62.58	75.80	88.14	95.37	99.95	0.00

SRI LANKA TELECOM

NUMBER OF SUBSCRIBERS BILLED FOR NATIONAL & INTERNATIONAL CONSUMPTION
(AMT. & INTERVAL IN RUPEES)

PERIOD: JUNE

TERIARY CENTRE:

2

BC	000-200	201-500	501-1000	1001-2000	2001-5000	5001-10000	10001-20000	20001-50000	>50000	SUB. TOTAL
Galle	499	789	513	523	616	315	145	66	28	3494
Hambantota	434	614	454	451	414	183	78	37	5	2672
Matara	737	610	364	360	309	136	54	40	3	2613
Ratnapura	309	522	463	507	531	193	58	30	8	2621
TOTAL	1979	2535	1794	1841	1870	829	335	173	44	11400
(%)	17.35	22.23	15.73	16.14	16.40	7.27	2.93	1.51	0.38	99.94
CUM	17.35	39.58	55.31	71.45	87.85	95.12	98.05	99.56	99.94	0.00

AID DISBURSEMENTS BY CREDITOR
MILLIONS OF SRI LANKA RUPEE

Page 1

CREDITOR	1990	1991	1992	1993	1994	1995
BILATERAL						
Government of Australia	40.20	55.10	22.70	0.00	0.00	0.00
Government of Denmark	1.40	0.00	0.00	0.00	0.00	0.00
Government of Finland	0.00	0.00	0.00	23.90	506.90	37.00
Government of France	447.10	137.50	429.10	146.60	70.20	0.00
Government of India	0.00	0.00	29.40	37.50	24.60	40.60
Government of Italy	0.00	0.00	133.50	302.10	139.80	0.00
Government of Japan	4267.80	9092.50	2552.90	4472.80	8771.60	835.50
Government of Kuwait	97.20	72.20	10.20	21.10	337.90	0.00
Government of Netherlands	1.40	0.00	0.00	0.00	0.00	0.00
Government of the Republic of Korea	0.00	0.00	89.50	178.10	271.40	14.50
Government of the Swiss Confederation	7.20	0.00	0.00	0.00	0.00	0.00
Government of the People's Republic of China	21.00	74.20	0.00	0.00	90.60	0.00
Government of the Federal Republic of Germany	614.70	731.00	342.10	186.70	93.00	2.10
Government of United States of America	1552.10	613.70	837.10	704.60	925.70	0.00
Saudi Fund for Arab Economic Development	37.90	76.10	5.60	90.00	38.00	0.00
MULTILATERAL						
Asian Development Bank	4432.20	6249.20	5679.90	6194.50	4553.50	670.80
Intl. Bank of Reconstruction & Development	40.20	0.00	0.00	0.00	0.00	0.00
Int. Fund for Agricultural Development	58.40	117.20	110.10	136.50	131.50	17.10
International Development Association	5056.80	7697.40	3247.90	5905.30	3871.90	735.60
COMMERCIAL BORROWINGS						
Banque Francaise Du Com. Ext. & other Banks	336.40	149.00	404.90	114.90	15.30	0.00
Banque Indo-Suez and BFCF	6.60	0.00	0.00	0.00	0.00	0.00
Export Finance & Insurance Corporation	0.00	0.00	0.00	0.00	75.30	19.70
Government of the Swiss Confederation	0.90	0.00	0.00	0.00	0.00	0.00
Lloyds Merchant Bank Limited	757.80	420.50	59.00	5.80	0.00	0.00
Manufacturers Hanover Trust Company	7.70	0.00	0.00	0.00	0.00	0.00
Mees Pierson N.V.	0.00	0.00	0.00	0.00	142.20	225.30
Overseas Private Investment Corporation	0.00	1260.00	1296.00	0.00	0.00	0.00
Standinaviska Enskilda Banker	0.80	0.00	0.00	0.00	0.00	0.00
Stand Chartered Merchant Bank Ltd.	105.30	8.90	0.00	0.00	0.00	0.00
The Riggs National Bank of Washington DC	0.00	0.00	0.00	0.00	492.50	0.00
Grand Total	17891.10	26754.50	15249.90	16520.40	20551.90	2598.20
Year End Rates for LKR	1.00	1.00	1.00	1.00	1.00	1.00

AID DISBURSEMENTS BY CREDITOR
MILLIONS OF SRI LANKA RUPEE

Page 1

CREDITOR	1990	1991	1992	1993	1994	1995
BILATERAL						
Canadian International Dev. Agency	121.40	315.50	185.00	205.50	151.60	0.00
Government of Australia	51.20	52.20	62.10	97.10	30.90	0.00
Government of Belgium	38.10	28.20	0.00	0.00	0.00	0.00
Government of Denmark	313.10	369.40	254.50	193.10	242.20	0.00
Government of Finland	522.40	474.70	384.90	290.60	233.10	0.00
Government of Italy	1.50	0.00	0.00	0.00	0.00	0.00
Government of Japan	2788.00	2039.90	2099.50	3567.20	2599.20	1010.40
Government of Netherlands	970.40	535.00	226.00	190.00	471.30	75.10
Government of Norway	459.50	269.50	410.20	360.20	321.00	0.30
Government of the Swiss Confederation	6.20	93.70	15.80	171.00	31.00	4.20
Government of the United Kingdom	219.10	916.30	189.30	45.60	789.10	0.10
Government of the Federal Republic of Germany	77.30	49.80	16.90	243.40	46.70	0.00
Government of United States of America	962.70	2617.00	2347.30	4109.40	929.80	0.00
Internati. Development & Research Centre	7.00	10.10	1.30	9.20	2.20	0.00
Swedish International Dev. Authority	286.50	367.70	317.80	309.70	280.80	0.00
MULTILATERAL						
Asian Development Bank	0.00	0.00	0.00	80.50	127.00	0.00
Comm. of the European Economic Community	64.20	32.70	55.90	31.30	30.90	0.00
Int. Bank for Reconstruction & Development	0.00	0.00	0.00	3.50	5.60	0.00
International Development Association	0.00	0.00	9.60	5.90	38.50	0.20
UNDP	148.10	478.30	636.40	501.60	0.00	0.00
UNICEF	184.40	146.70	173.90	225.30	245.70	0.00
United Nation Agencies	0.00	403.80	0.00	0.00	0.00	0.00
World Food Programme	107.60	55.20	41.40	127.60	124.50	0.00
Comm. of the European Economic Community	0.00	0.00	40.30	29.40	37.00	
Grand Total:	7328.70	9255.70	7468.10	10797.10	6738.10	1090.30
Year End Rates for LKR	1.00	1.00	1.00	1.00	1.00	1.00

Notes: 1. The user selection of loans for this reports is:-

Select loans, borrower="GOSL" and loans type_"G" AND pipeline !="Y"

2. Debt shown is at year-end (at 1995/02/28 for current year).

AID DISBURSEMENTS BY CREDITOR
MILLIONS OF SRI LANKA RUPEE

Page 1

CREDITOR	1990	1991	1992	1993	1994	1995
BILATERAL						
Government of Finland	26.00	1.40	2.30	0.00	1.90	0.00
Government of the Swiss Confederation	6.20	0.00	0.00	0.00	0.00	0.00
MULTILATERAL						
Asian Development Bank	0.00	0.00	0.00	0.00	20.80	0.00
UNDP	0.00	0.00	11.20	26.60	0.00	0.00
Grand Total	32.20	1.40	13.50	26.60	22.70	0.00
Year End Rates for LKR	1.00	1.00	1.00	1.00	1.00	1.00

Notes: 1. The user selection of loans for this reports is:-

- Select loans, loans.sector="TL" and loans type_="G" AND pipeline !="Y"
2. Debt shown is at year-end (at 1995/02/28 for current year).

AID DISBURSEMENTS BY CREDITOR
MILLIONS OF SRI LANKA RUPEE

Page 1

CREDITOR	1990	1991	1992	1993	1994	1995
BILATERAL						
Government of Finland	0.00	0.00	0.00	23.90	506.90	37.00
Government of Japan	253.30	241.20	104.90	411.50	1075.10	49.80
MULTILATERAL						
Asian Development Bank	0.00	0.90	8.50	2.10	1039.80	78.00
International Development Association	0.00	0.00	34.70	107.90	275.20	131.70
Grand Total	253.30	242.10	148.10	545.40	2897.00	296.50
Year End Rates for LKR	1.00	1.00	1.00	1.00	1.00	1.00

Notes: 1. The user selection of loans for this reports is:-

- Select loans, loans, sector="TL" and loans borrower="GOSL" and loans.type="L" and pipeline !="Y"
2. Debt shown is at year-end (at 1995/02/28 for current year).