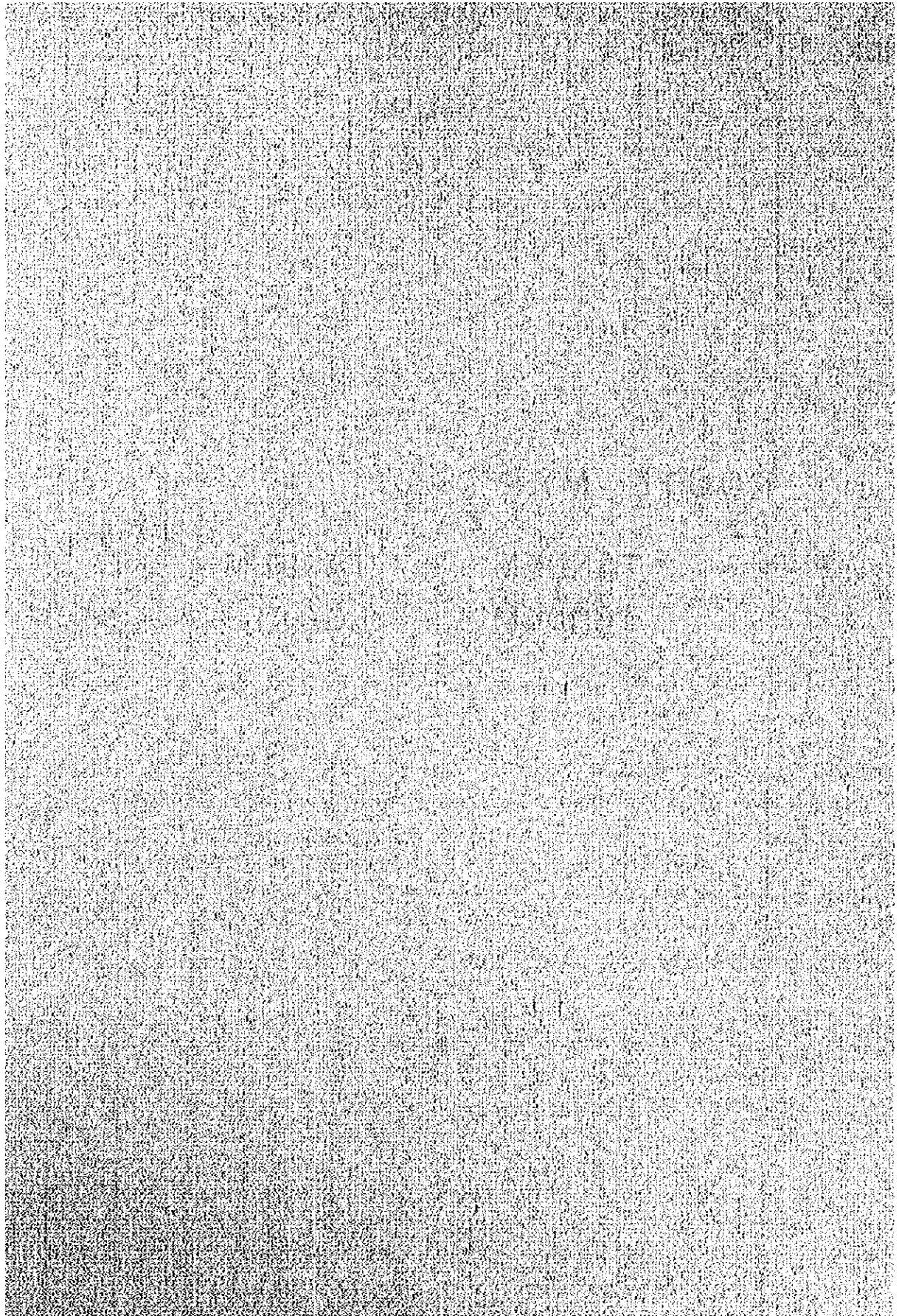
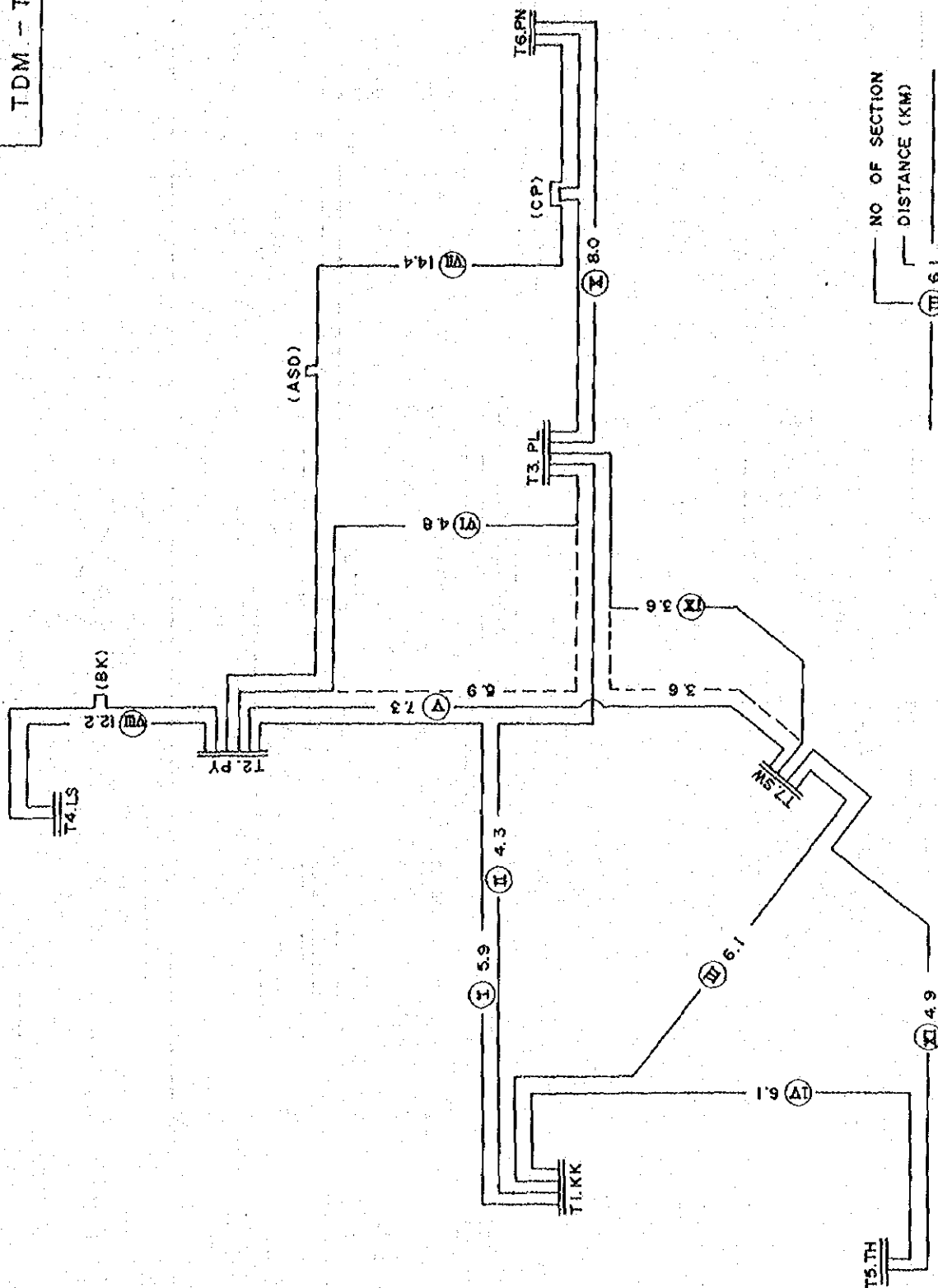


ROUTE MAP

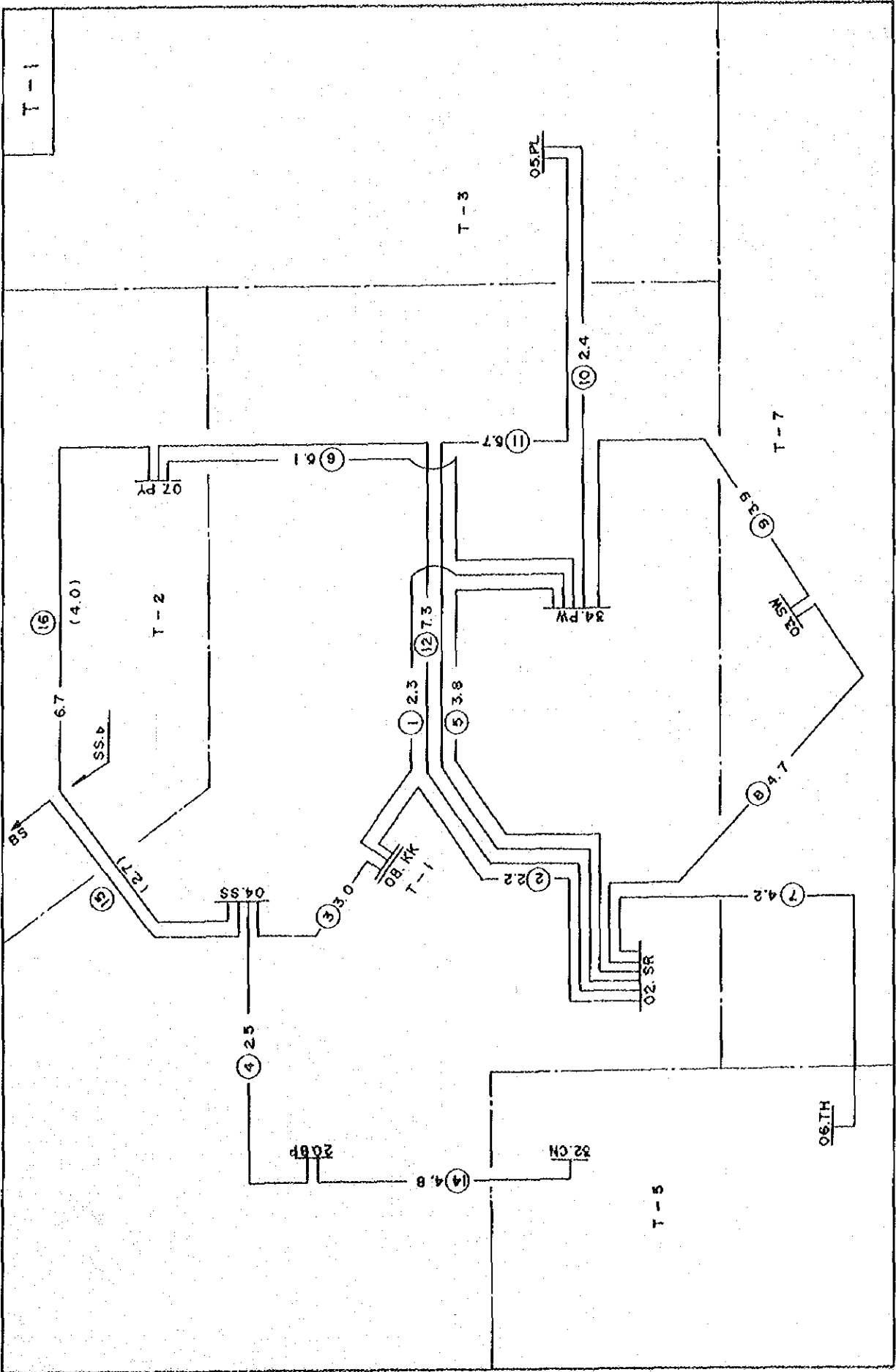
	PAGE
TANDEM — TANDEM	1
TANDEM — LOCAL	2 ~ 8

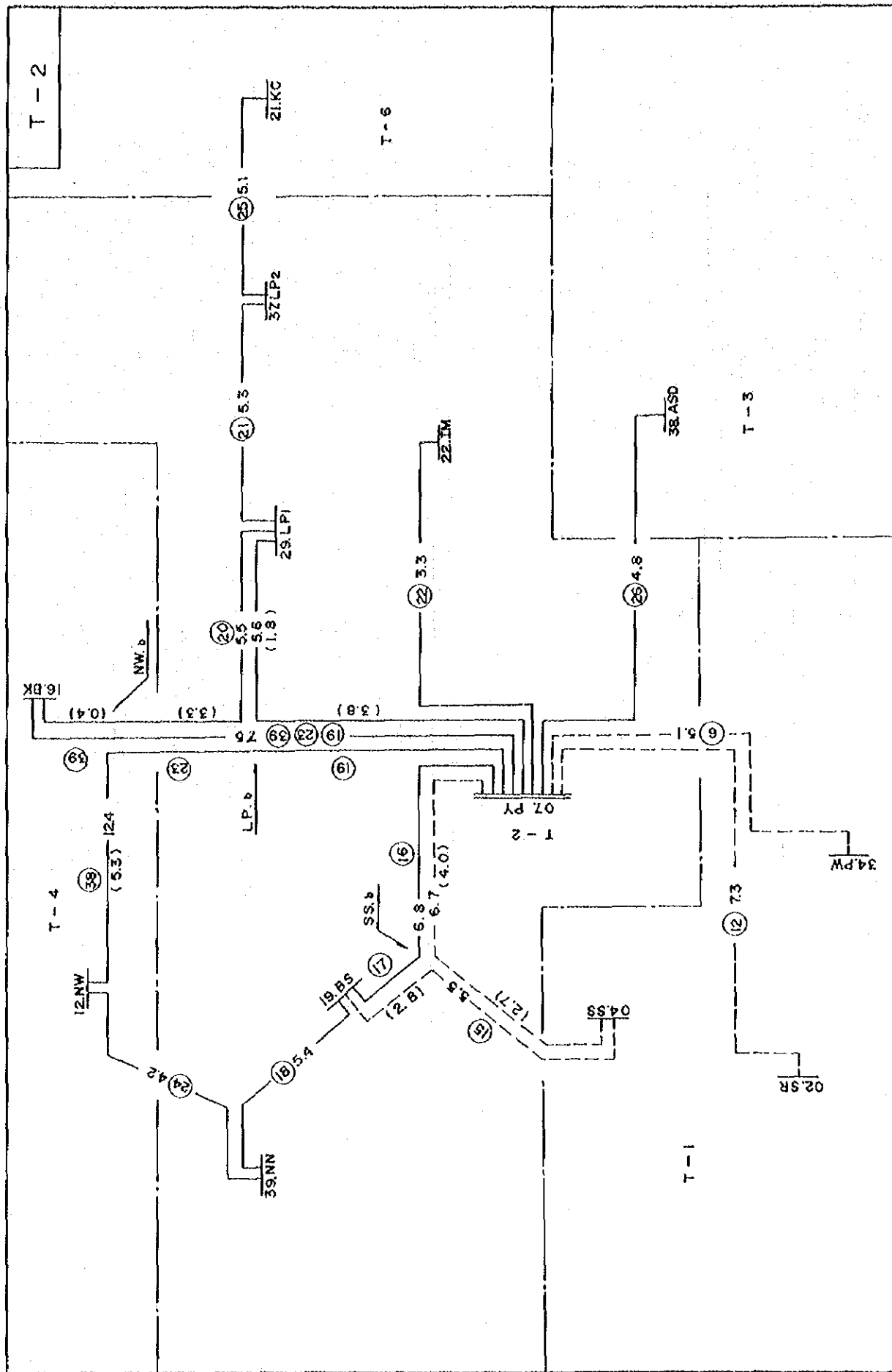


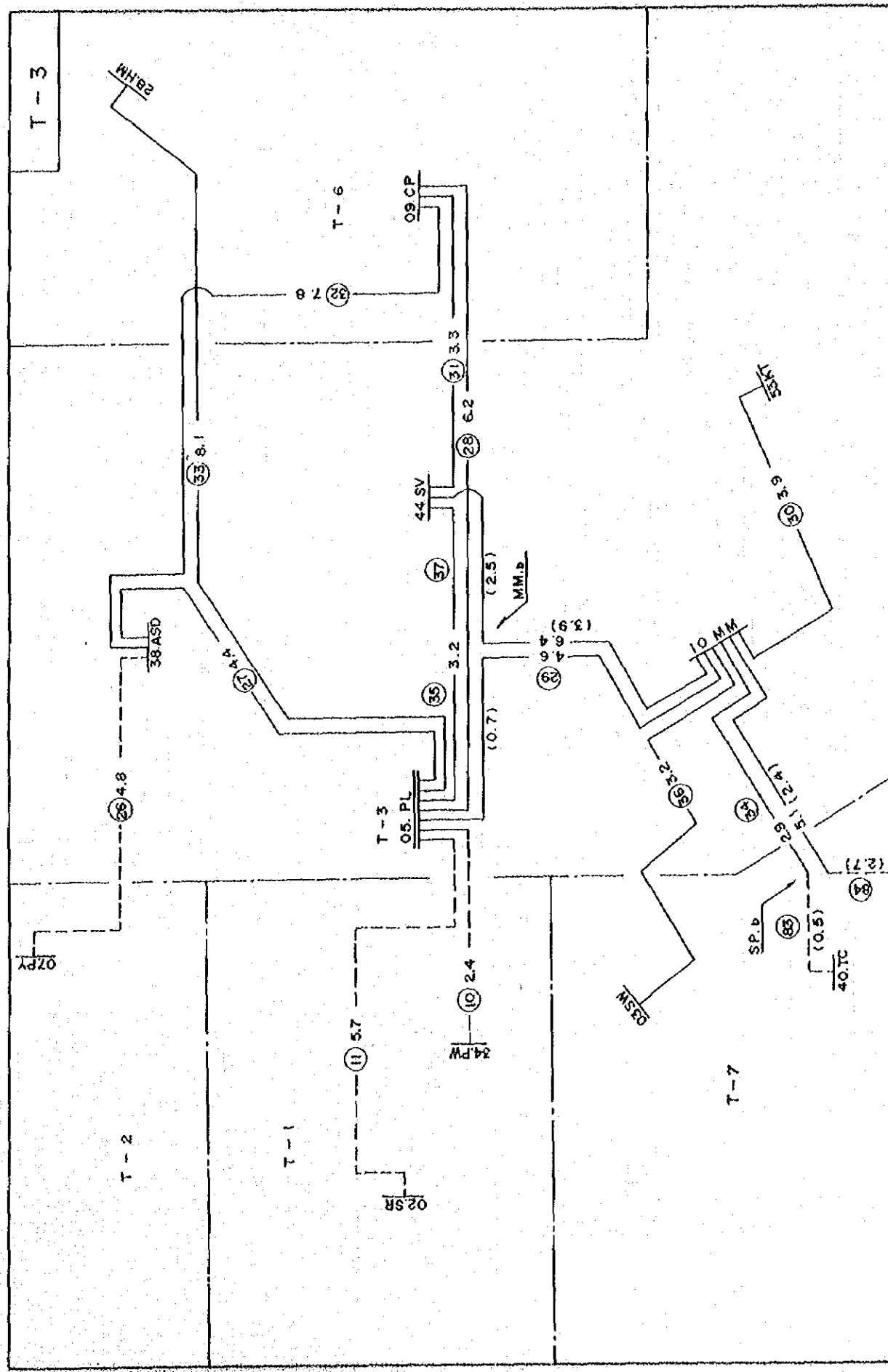
TDM - TDM



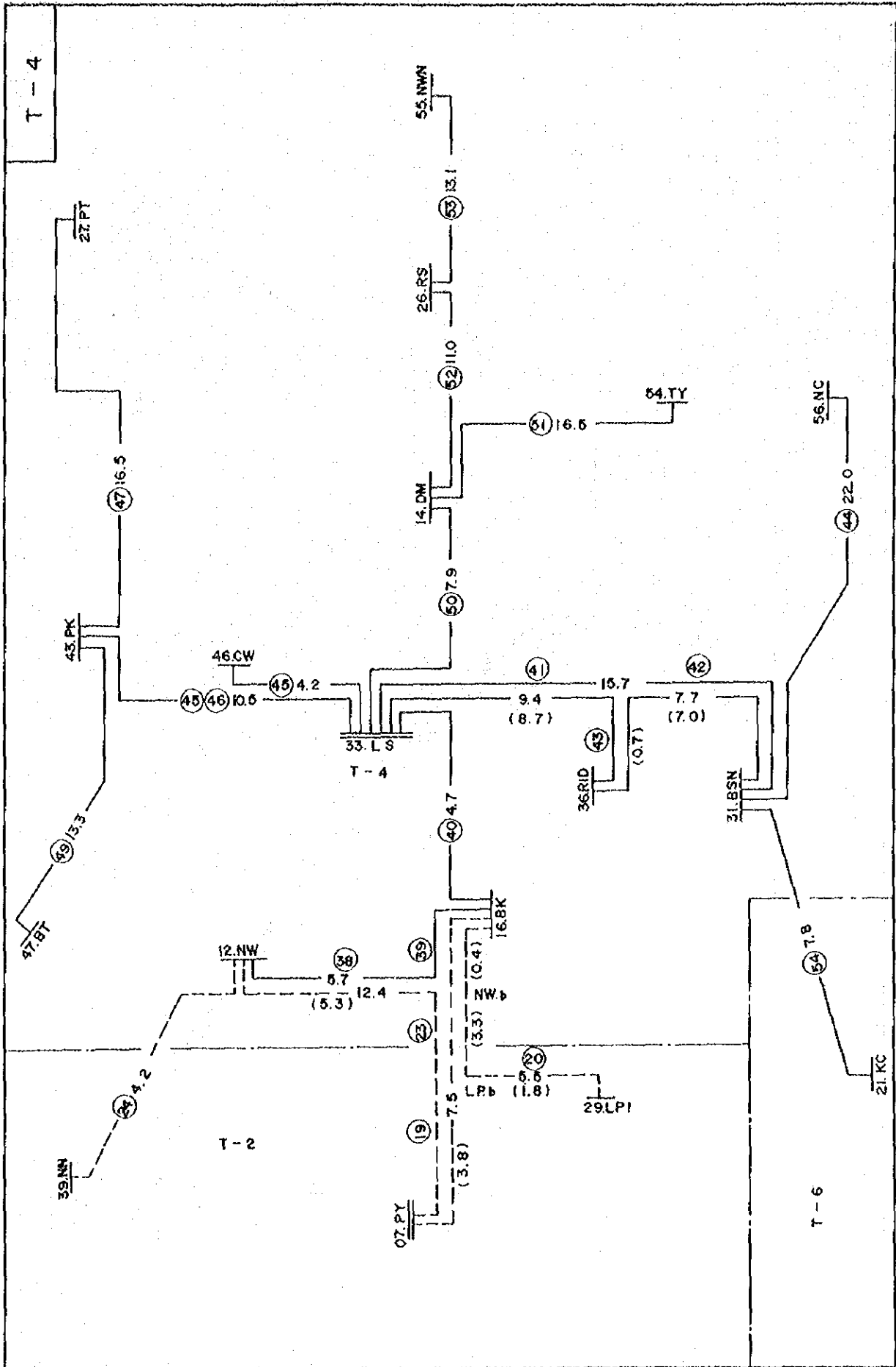
NO. 1



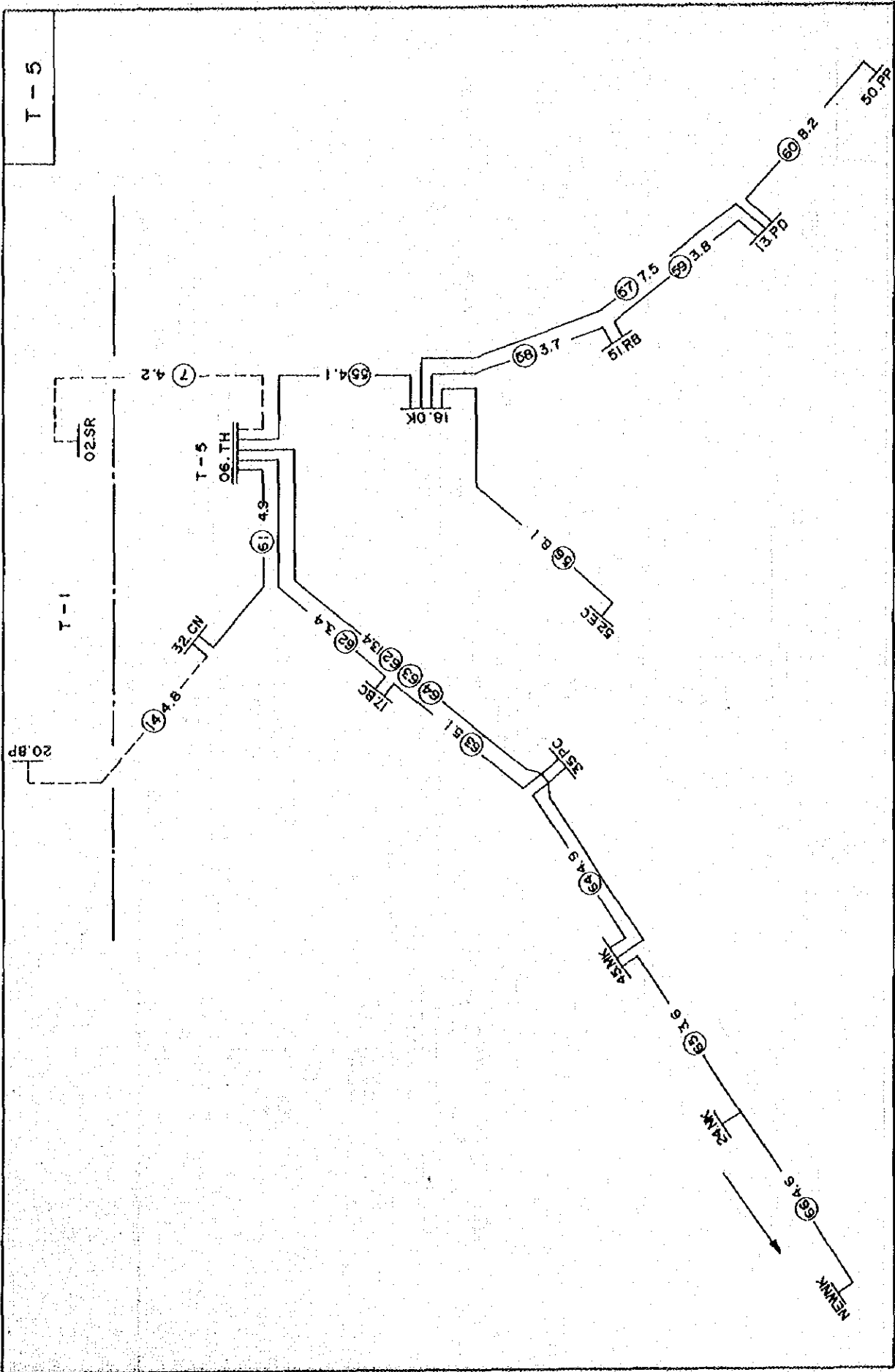




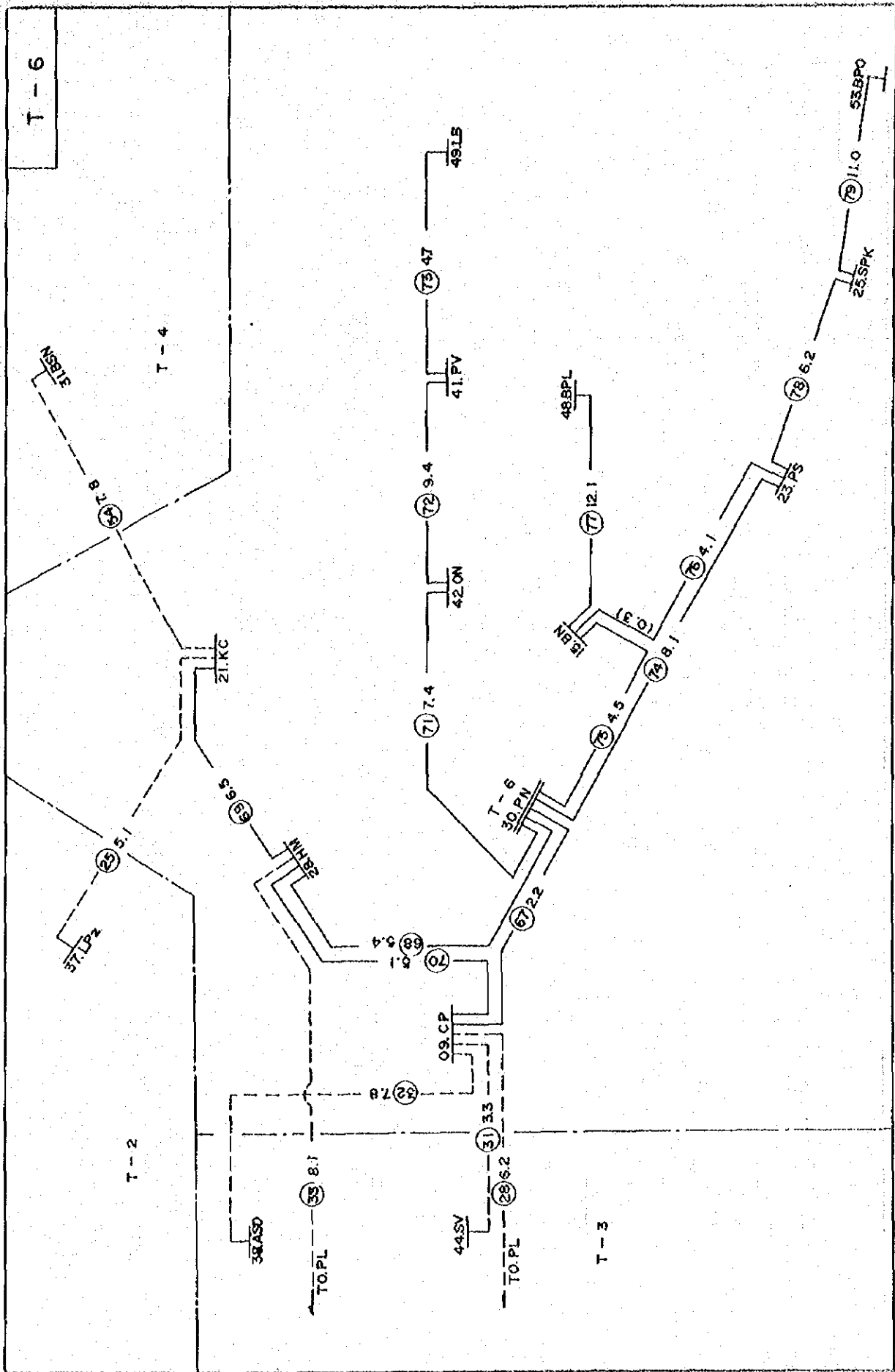
NO. 4



NO. 5



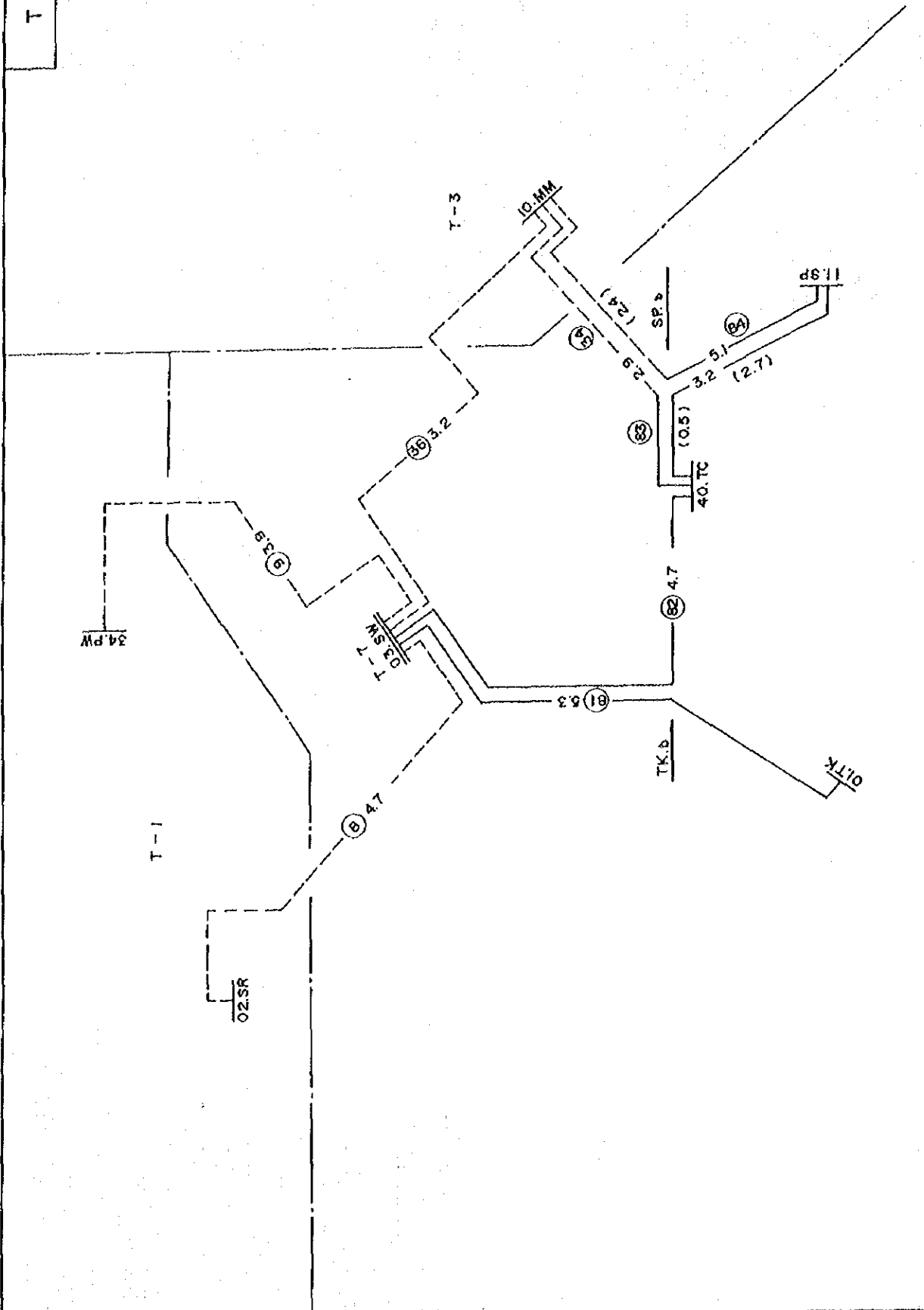
NO. 6



NO. 7

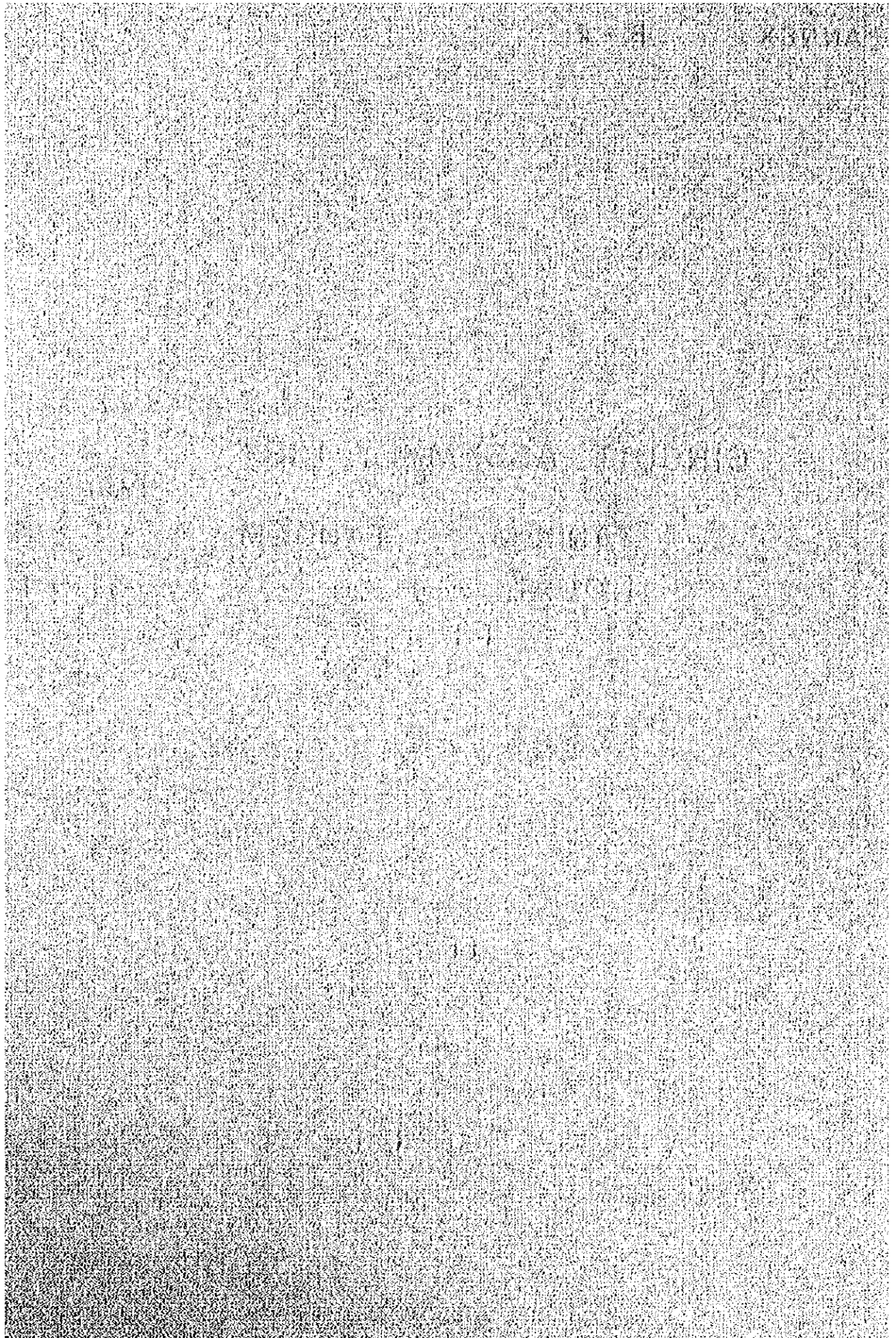
T-7

NO. 8



CIRCUIT ASSEMBLY LIST

	PAGE
TANDEM - TANDEM	1 ~ 40
LOCAL	41 ~ 118



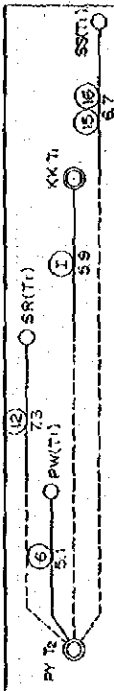
SYMBOLS

- ● LOCAL OFFICE
- ⊙ TANDEM OFFICE
- BRANCH POINT
- ⑥ — CABLE SECTION NUMBER
- 5.1 — CABLE SECTION DISTANCE IN KM

- KK
 - PY
 - PL
 - LS
 - TH
 - PN
 - SW
- LOCAL TANDEM EXCHANGE
- KK TOLL TOLL EXCHANGE IN KK FOR STD SERVICE
 - PY TOLL TOLL EXCHANGE IN PY FOR STD SERVICE
 - OTD TOLL EXCHANGE IN KK FOR OTD SERVICE
- KK MC
 - LS MC
 - TH MC
 - PN MC
- MAINTENANCE CENTER
- SW "13" SPECIAL SERVICE EXCHANGE IN SW

- 0 dB CIRCUIT
- 2 dB CIRCUIT
- 4 dB CIRCUIT
- △ 6 dB CIRCUIT
- × 11 dB CIRCUIT

IN LOSS TOTAL COLUMN, FIGURES IN PARENTHESIS SHOW GAINED LOSS BY NEGATIVE IMPEDANCE REPEATER.



TANDEM OFFICE	LOSS TOTAL	E.K.N.W.(T)	TRANSMISSION SYSTEM & LOSS				DESTINATION OFFICE	CABLE PCM	CABLE PCM	CABLE PCM	CABLE PCM
			SYSTEM	LOSS	SYSTEM	LOSS					
PY	5.4	1.5L	5.2	KK		KK					
PY	5.1	5L	5.1	KK		KK					
PY	9.0	5NL 9.0		KK		KK					
PY	2.1	9L 2.1		KK		KK					
PY	3.7	65L 3.7		KK		KK					
PY	3.7	65L 3.7		KK		KK					
PY	5.7	6NL 3.4 5NL 2.3	SS	SS		SS					
PY	5.7	6NL 3.4 5NL 2.3	SS	SS		SS					
PY	2.3	9L 1.4 9L 0.9		BP		BP					
PY	5.3	9L 1.4 9L 0.9 65NL 3.0 9P		BP		BP					
PY	9.5	9NL 3.4 9NL 2.3 5NL 3.8		PW		PW					
PY	4.7	5L 4.7 9P		PW		PW					
PY	7.8	5NL 7.8		PW		PW					
PY	4.4	65L 4.4 9P		SR		SR					
PY	11.0	9NL 11.0		SR		SR					
PY	4.4	65L 4.4		SR		SR					
IM	5.5	1M 65L 2.0 9P 65L 3.5	KK	KK		KK					
IM	9.4	65NL 2.0 5L 7.4		KK		KK					
IM	3.9	65L 2.0 9L 1.9		OTD		OTD					
IM	3.9	65L 2.0 9L 1.9		OTD		OTD					
IM	10.7	5NL 5.0 9NL 5.7	SS	SS		SS					
IM	10.0	65L 2.2 5NL 7.8 9P		PW		PW					
LP1	5.2	LP1 65L 1.2 9P 65L 2.1 9P 9L 1.9	KK	KK		KK					
LP1	8.5	65L 1.2 9L 1.9 65L 2.1 9L 5.2		KK		KK					
LP1	3.7	9L 0.7 9L 1.1 9L 1.9		OTD		OTD					
LP1	5.4	65L 1.2 9L 2.1 9L 2.1	SS	SS		SS					
LP1	9.4	65L 1.2 9L 2.1 65NL 3.0 9P		BP		BP					
LP1	7.8	65L 1.2 9L 2.1 5L 4.5 9P		PW		PW					
LP1	7.5	65L 1.2 9L 2.1 65L 4.2 9P		SR		SR					
LP2	5.2	LP2 9L 1.7 9L 0.3 9P 9L 1.1 9P 9L 1.9	KK	KK		KK					
LP2	8.3	9L 1.7 9L 1.1 65L 1.0 65L 2.1 65L 3.5		KK		KK					
LP2	5.2	9L 1.7 9L 0.5 9L 1.1 9L 1.9		OTD		OTD					
LP2	6.9	9L 1.7 65L 1.0 65L 2.1 9L 2.1	SS	SS		SS					
LP2	9.9	9L 1.7 65L 1.0 65L 2.1 9L 2.1 65NL 3.0 9P		BP		BP					
LP2	7.8	9L 1.7 9L 0.5 9L 1.1 5L 4.5 9P		PW		PW					
LP2	9.0	9L 1.7 65L 1.0 65L 2.1 65L 4.2 9P		SR		SR					



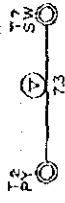
NO.

TAMDEM OFFICE		TRANSMISSION SYSTEM & LOSS											
LOSS TOTAL		TRANSMISSION ROUTE											
		DESTINATION OFFICE	CABLE PCM	CABLE PCM	CABLE PCM	CABLE PCM	CABLE PCM	CABLE PCM	CABLE PCM	CABLE PCM	CABLE PCM	CABLE PCM	CABLE PCM
BS	4.6	BS	1.0	SS	0.8	SS	5L	2.8	KK				
BS	9.3	BS	1.0	SS	0.8	SS	5L	2.8	KK				
BS	3.7	BS	1.0	SS	0.8	SS	5L	2.8	KK				
BS	4.7	BS	1.0	SS	0.8	SS	5L	2.8	KK				
BS	8.5	BS	1.0	SS	0.8	SS	5L	2.8	KK				
BS	10.1	BS	1.0	SS	0.8	SS	5L	2.8	KK				
BS	9.9	BS	1.0	SS	0.8	SS	5L	2.8	KK				
NN	5.3	NN	1.8	SS	0.8	SS	5L	2.8	KK				
NN	4.5	NN	1.8	SS	0.8	SS	5L	2.8	KK				
BK	5.9	BK	1.8	SS	0.8	SS	5L	2.8	KK				
BK	4.3	BK	1.8	SS	0.8	SS	5L	2.8	KK				
BK	7.8	BK	1.8	SS	0.8	SS	5L	2.8	KK				
BK	6.4	BK	1.8	SS	0.8	SS	5L	2.8	KK				
BK	7.8	BK	1.8	SS	0.8	SS	5L	2.8	KK				
BK	8.8	BK	1.8	SS	0.8	SS	5L	2.8	KK				
BK	8.8	BK	1.8	SS	0.8	SS	5L	2.8	KK				
NW	5.7	NW	1.8	SS	0.8	SS	5L	2.8	KK				
NW	5.7	NW	1.8	SS	0.8	SS	5L	2.8	KK				
NW	7.8	NW	1.8	SS	0.8	SS	5L	2.8	KK				
NW	7.2	NW	1.8	SS	0.8	SS	5L	2.8	KK				
NW	7.8	NW	1.8	SS	0.8	SS	5L	2.8	KK				
NW	8.5	NW	1.8	SS	0.8	SS	5L	2.8	KK				
NW	8.2	NW	1.8	SS	0.8	SS	5L	2.8	KK				
TOTAL													
GRAND TOTAL		84.4											

12

12

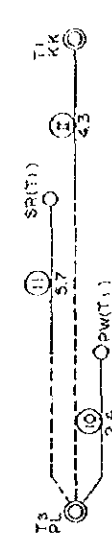
TRANSMISSION ROUTE



BK(NWITa)

TAMEN OFFICE	LOSS TOTAL	TRANSMISSION SYSTEM & LOSS				DESTINATION OFFICE	CABLE PCM	CABLE PCM	CABLE PCM	CABLE PCM
PY	4.4	1.5L	4.4	SW	SW	67				
PY	4.2	65L	4.2		SW	36				
PY	2.0	PCM	2.0		SW	95				
PY	6.8	65N	6.8		SW	150				
PY	2.5	5L	2.5		SW	232				
PY	4.4	65L	4.4		SW	39				
PY	8.4	65L	4.2	5L	27	23	SW			
PY	6.6	9L	2.3	5L	27	24	SP			
PY	9.4	65L	4.2	5L	23	46	TC			
PY	8.4	65L	4.2	5L	23	12	TC			
PY	5.9	65L	4.2	9L	0.8	62	TC			
PY	4.0	9L	2.3	9L	0.8	21	TK			
IM	4.3	1.6L	2.0	2.3	SW	35				
IM	9.4	5.1L	5.0	65L	4.2	18	SW			
LP1	5.6	1.1L	1.2	65L	2.1	27	SW			
LP1	7.5	65L	1.2	65L	2.1	46	SW			
LP2	5.6	1.2L	1.7	1.1	1.1	30	SW			
LP2	9.0	9L	1.7	65L	1.0	45	SW			
LP2	9.9	9L	1.7	9L	0.5	6	TC			
BS	5.5	65L	1.0	65L	2.2	27	SW			
BS	7.2	9L	1.0	65L	2.2	60	SW			
BS	8.5	9L	1.0	9L	1.2	12	TC			
NN	6.1	1.8	1.8	0.8	1.2	21	SW			
BK	4.7	3.8	0.4	2.0	2.0	33	SW			
BK	8.5	65L	0.5	65L	3.8	74	SW			
NW	6.1	1.8	1.8	0.8	2.0	58	SW			
NW	8.0	9L	1.8	9L	2.0	64	SW			
TOTAL						342				
						463				
						293				
GRAND TOTAL						1288				

TAMDEM OFFICE	LOSS TOTAL	TRANSMISSION SYSTEM & LOSS		TRANSMISSION ROUTE			
		OFFICE	DESTINATION	CABLE PCM	CABLE PCM	CABLE PCM	CABLE PCM
PL	4.1	PL	5L 4.1 KK				
PL	4.1	PL	5L 4.1 *				
PL	1.6	PL	9L 1.6 *				
PL	6.5	PL	5NL 6.5 *				
PL	4.1	PL	5L 4.1 *				
PL	4.1	PL	5L 4.1 *				
PL	4.1	PL	5L 4.1 *				
PL	5.8	PL	5L 3.9 * 65L 1.9 SS				
PL	9.5	PL	5NL 6.5 * 5L 3.0 *				
PL	5.9	PL	65L 2.6 * 5L 1.7 * 65L 1.6 18P				
PL	10.3	PL	5L 3.9 * 5L 2.8 * 5NL 3.8 *				
PL	3.7	PL	5NL 3.7 PW				
PL	3.7	PL	5NL 3.7 *				
PL	5.3	PL	5L 5.3 SR				
PL	8.7	PL	5NL 8.7 *				
ASD	54	ASD	4.0 PL 9L 1.4 KK				
ASD	10.7	ASD	5L 4.2 * 5NL 6.5 *				
ASD	54(39)	ASD	5L 4.0 * 9L 1.4 *				
ASD	54(39)	ASD	5L 4.0 * 9L 1.4 *				
ASD	8.3	ASD	5L 4.0 * 65L 2.4 * 65L 1.9 SS				
ASD	10.4	ASD	5NL 4.0 * 9L 1.2 * 65L 1.7 * 65L 1.6 8P				
ASD	10.4	ASD	5NL 6.7 * 5NL 3.7 PW				
ASD	7.3	ASD	5L 4.0 * 65L 3.3 SR				
SV	5.5	SV	5L 2.9 PL 65L 2.6 KK				
SV	9.6	SV	5L 3.1 * 5NL 6.5 *				
SV	3.4	SV	65L 2.0 * 9L 1.4 *				
SV	3.4	SV	65L 2.0 * 9L 1.4 *				
SV	8.5	SV	65L 2.0 * 5L 3.7 * 5L 2.8 SS				
SV	10.6	SV	65L 2.0 * 5L 3.7 * 65L 1.9 * 65NL 3.0 8P				
SV	8.6	SV	5NL 4.9 * 5NL 3.7 PW				
SV	10.2	SV	5NL 4.9 * 5L 5.3 SR				
MM	5.3	MM	65L 2.3 11ND 65L 0.4 PL 65L 2.6 KK				
MM	10.8	MM	65NL 4.7 * 65NL 0.9 * 65NL 5.2 *				
MM	2.9	MM	9L 1.3 * 9L 0.2 * 9L 1.4 *				
MM	2.9	MM	9L 1.3 * 9L 0.2 * 9L 1.4 *				
MM	10.0	MM	65L 2.3 * 65L 0.4 * 65L 2.6 * 65L 1.9 SS 65NL 3.0 8P				
MM	9.3	MM	65NL 4.7 * 65NL 0.9 * 5NL 3.7 PW				
MM	7.8	MM	65L 2.3 * 65L 0.4 * 5L 5.1 SR				



TAMDEM OFFICE		LOSS TOTAL		TRANSMISSION SYSTEM & LOSS		DESTINATION OFFICE		CABLE PCM		CABLE PCM		CABLE PCM	
PL	4.5	PL	4.5	PL	4.5	PL	4.5	PL	4.5	PL	4.5	PL	4.5
PL	4.5	PL	4.5	PL	4.5	PL	4.5	PL	4.5	PL	4.5	PL	4.5
PL	7.3	PL	7.3	PL	7.3	PL	7.3	PL	7.3	PL	7.3	PL	7.3
PL	3.0	PL	3.0	PL	3.0	PL	3.0	PL	3.0	PL	3.0	PL	3.0
PL	4.8	PL	4.8	PL	4.8	PL	4.8	PL	4.8	PL	4.8	PL	4.8
PL	9.5	PL	9.5	PL	9.5	PL	9.5	PL	9.5	PL	9.5	PL	9.5
PL	6.0	PL	6.0	PL	6.0	PL	6.0	PL	6.0	PL	6.0	PL	6.0
PL	7.5	PL	7.5	PL	7.5	PL	7.5	PL	7.5	PL	7.5	PL	7.5
PL	5.7	PL	5.7	PL	5.7	PL	5.7	PL	5.7	PL	5.7	PL	5.7
PL	5.2	PL	5.2	PL	5.2	PL	5.2	PL	5.2	PL	5.2	PL	5.2
PL	7.6	PL	7.6	PL	7.6	PL	7.6	PL	7.6	PL	7.6	PL	7.6
PL	5.2	PL	5.2	PL	5.2	PL	5.2	PL	5.2	PL	5.2	PL	5.2
PL	10.6	PL	10.6	PL	10.6	PL	10.6	PL	10.6	PL	10.6	PL	10.6
ASD	5.8	ASD	5.8	ASD	5.8	ASD	5.8	ASD	5.8	ASD	5.8	ASD	5.8
ASD	5.8	ASD	5.8	ASD	5.8	ASD	5.8	ASD	5.8	ASD	5.8	ASD	5.8
ASD	3.0	ASD	3.0	ASD	3.0	ASD	3.0	ASD	3.0	ASD	3.0	ASD	3.0
ASD	10.8	ASD	10.8	ASD	10.8	ASD	10.8	ASD	10.8	ASD	10.8	ASD	10.8
ASD	9.2	ASD	9.2	ASD	9.2	ASD	9.2	ASD	9.2	ASD	9.2	ASD	9.2
ASD	9.3	ASD	9.3	ASD	9.3	ASD	9.3	ASD	9.3	ASD	9.3	ASD	9.3
ASD	10.8	ASD	10.8	ASD	10.8	ASD	10.8	ASD	10.8	ASD	10.8	ASD	10.8
SV	3.7	SV	3.7	SV	3.7	SV	3.7	SV	3.7	SV	3.7	SV	3.7
SV	6.3	SV	6.3	SV	6.3	SV	6.3	SV	6.3	SV	6.3	SV	6.3
SV	3.9	SV	3.9	SV	3.9	SV	3.9	SV	3.9	SV	3.9	SV	3.9
SV	9.8	SV	9.8	SV	9.8	SV	9.8	SV	9.8	SV	9.8	SV	9.8
SV	7.8	SV	7.8	SV	7.8	SV	7.8	SV	7.8	SV	7.8	SV	7.8
SV	7.9	SV	7.9	SV	7.9	SV	7.9	SV	7.9	SV	7.9	SV	7.9
SV	7.9	SV	7.9	SV	7.9	SV	7.9	SV	7.9	SV	7.9	SV	7.9
MM	5.5	MM	5.5	MM	5.5	MM	5.5	MM	5.5	MM	5.5	MM	5.5
MM	10.1	MM	10.1	MM	10.1	MM	10.1	MM	10.1	MM	10.1	MM	10.1
MM	3.4	MM	3.4	MM	3.4	MM	3.4	MM	3.4	MM	3.4	MM	3.4
MM	8.5	MM	8.5	MM	8.5	MM	8.5	MM	8.5	MM	8.5	MM	8.5
MM	8.6	MM	8.6	MM	8.6	MM	8.6	MM	8.6	MM	8.6	MM	8.6
MM	8.6	MM	8.6	MM	8.6	MM	8.6	MM	8.6	MM	8.6	MM	8.6
KT	5.5	KT	5.5	KT	5.5	KT	5.5	KT	5.5	KT	5.5	KT	5.5
KT	10.2	KT	10.2	KT	10.2	KT	10.2	KT	10.2	KT	10.2	KT	10.2
KT	4.5	KT	4.5	KT	4.5	KT	4.5	KT	4.5	KT	4.5	KT	4.5
KT	10.8	KT	10.8	KT	10.8	KT	10.8	KT	10.8	KT	10.8	KT	10.8
KT	11.0	KT	11.0	KT	11.0	KT	11.0	KT	11.0	KT	11.0	KT	11.0
KT	10.9	KT	10.9	KT	10.9	KT	10.9	KT	10.9	KT	10.9	KT	10.9
KT	10.9	KT	10.9	KT	10.9	KT	10.9	KT	10.9	KT	10.9	KT	10.9



TRANSMISSION ROUTE

12

HM(T2)
ASD(T3)

TRANSMISSION SYSTEM & LOSS

DESTINATION OFFICE

CABLE PCM

CABLE PCM

13

12

11

10

9

8

7

6

5

4

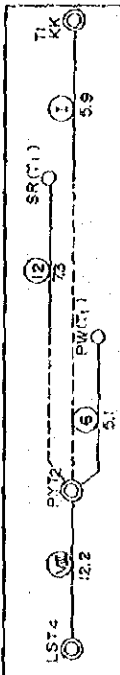
3

2

1

T-MODEM & OFFICE		LOSS TOTAL		TRANSMISSION SYSTEM & LOSS		DESTINATION OFFICE		CABLE PCM		CABLE PCM		CABLE PCM		CABLE PCM	
PL	55	PL	55	SNL	55	SW	SW	▲ 64							
PL	55	PL	55	SNL	55	SW	SW	▲ 68							
PL	14	PL	14	9L	14	SW	SW	▲ 67							
PL	55	PL	55	SNL	55	SW	SW	▲ 64							
PL	55	PL	55	SNL	55	SW	SW	▲ 42							
PL	54	PL	54	9L	12	5L	27	MM	9L	16	SP				
PL	99	PL	99	SNL	55	5L	23	TKS	5L	19	TC				
PL	50	PL	50	5L	33	9L	08	9L	09	TK					
ASD	52	ASD	52	PL	40	PL	12	SW							
SV	42	SV	42	SV	65L	20	PL	65L	22	SW					
SV	104	SV	104	SNL	49	SNL	55	SW							
SV	102	SV	102	SNL	30	MM	47	MM	21	0.19L	0.4 TC				
MM	49	MM	49	MM	17	SW	32	SW							
MM	42	MM	42	SNL	21	SNL	23	SP							
MM	25	MM	25	SNL	21	SNL	04	TC							
MM	98	MM	98	SNL	49	SW	49	TK							
KT	32	KT	32	MM	23	MM	9L	29	SW						
KT	96	KT	96	SNL	47	SNL	49	SW							
KT	91	KT	91	SNL	47	SNL	20	SP							
KT	72	KT	72	SNL	47	SNL	20	0.5 TC							
KT	97	KT	97	SNL	23	5L	29	SW	9L	45	TK				
HM	17	HM	17	HM	9L	25	PL	65L	22	SW					
HM	104	HM	104	SNL	49	SNL	55	SW							
HM	87	HM	87	9L	25	65L	20	5L	23	TKS	5L	19	TC		
KC	56	KC	56	PL	21	HM	9L	23	PL	9L	12	SW			
KC	88	KC	88	9L	21	65L	45	65L	22						
TOTAL		TOTAL		TOTAL		TOTAL		TOTAL		TOTAL		TOTAL		TOTAL	
GRAND TOTAL		GRAND TOTAL		GRAND TOTAL		GRAND TOTAL		GRAND TOTAL		GRAND TOTAL		GRAND TOTAL		GRAND TOTAL	





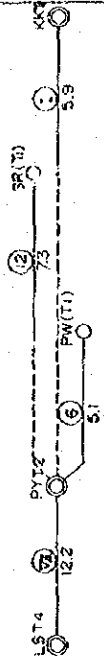
TRANSMISSION SYSTEM & LOSS

TRANSMISSION ROUTE

LS (except SSN) PW(T1) SR(T1)

TRANSMISSION SYSTEM & LOSS	DESTINATION OFFICE	CABLE PCM	CABLE PCM	CABLE PCM	CABLE PCM	CABLE PCM	CABLE PCM
DM 4.1 DM PCM 20 LS PCM- PY 9L 2.1 KK	KK	117					117
DM 4.1 PCM 20 PCM- 9L 2.1 "	KK	42					42
DM 4.1 PCM 20 PCM- 9L 2.1 "	KK	46					46
DM 5.8 PCM 20 PCM- 9L 1.9 65L 1.9 SS	SS	193					193
DM 6.0 PCM 20 PCM- 9L 1.9 5L 2.1 SR	SS	5					5
DM 6.2 9L 3.7 5L 4.5 PW	SS	14					14
DM 5.5 PCM 20 PCM- 65NL 3.6 SS	SS	20					20
DM 5.3 PCM 20 PCM- 65L 1.9 65L 1.6 BP	BP	23					23
DM 5.3 PCM 20 PCM- 5NL 3.3 SR	SR	88					88
DM 5.5 PCM 20 PCM- 5NL 3.5 PW	PW	55					55
DM 4.1 RS PCM 20 LS PCM- PY 9L 2.1 KK	KK	28					28
DM 4.1 PCM 20 PCM- 9L 2.1 "	KK	34					34
DM 5.8 PCM 20 PCM- 9L 1.9 65L 1.9 SS	SS	5					5
DM 6.0 PCM 20 PCM- 9L 1.9 5L 2.1 SR	SS	23					23
DM 6.2 9L 3.7 5L 4.5 PW	SS	56					56
RS 4.1 RS PCM 20 LS PCM- PY 9L 2.1 KK	KK	12					12
RS 4.1 PCM 20 PCM- 9L 2.1 "	KK	3					3
NWN 4.1 NWN PCM 20 LS PCM- PY 9L 2.1 KK	KK	18					18
NWN 4.1 PCM 20 PCM- 9L 2.1 "	KK	3					3
RID 5.1 RD 9L 3.1 LS PCM- 20 PY PCM- KK	KK	25					25
RID 5.1 9L 3.1 PCM- 20 PCM- "	KK	30					30
RID 5.1(3.9) 9L 3.1 PCM- 20 PCM- "	OTD	6					6
RID 8.1 9L 3.1 PCM- 20 PCM- 5L 3.0 SS	SS	12					12
RID 8.6 9L 3.1 PCM- 20 PCM- 65L 1.9 65L 1.6 BP	BP	13					13
RID 8.4 9L 3.1 PCM- 20 PCM- 5NL 3.3 SR	SR	52					52
NC 2.0 NC PCM 20 LS PCM- PY PCM- KK	KK	8					8
NC 2.0 PCM 20 PCM- " PCM- "	OTD	2					2
SUB TOTAL		193					193
TOTAL		117					117
		38					38
		365					365
		5					5
		220					220

TAMEN & OFFICE		LOSS TOTAL		TRANSMISSION SYSTEM & LOSS		DESTINATION OFFICE		CABLE PCM		CABLE PCM		CABLE PCM		CABLE PCM	
CW	60	5L	40	LS	PCM 20	PY	PCM	KK							
CW	20	5L	40	LS	PCM 20	PY	PCM	KK	428						28
PK	35	9L	35	LS	PCM 20	PY	PCM	KK	5						5
PK	20	9L	35	LS	PCM 20	PY	PCM	KK	14						14
PT	41	PT	PCM 20	LS	PCM	PY	PCM	KK	16						16
PT	41	PCM 20	PCM	LS	PCM	PY	PCM	KK	3						3
BT	20	BT	PCM 20	LS	PCM	PY	PCM	KK	2						2
TY	20	TY	PCM 20	LS	PCM	PY	PCM	KK	7						7
TY	20	PCM 20	PCM	LS	PCM	PY	PCM	KK	2						2
		SUB TOTAL								15					12
		TOTAL								65					49
		GRAND TOTAL								193					193
										117					117
										53					53
										430					430
										6					6
										1013					1013
										6					6
										812					812



LS

TRANSMISSION ROUTE

9S, NN(T2)



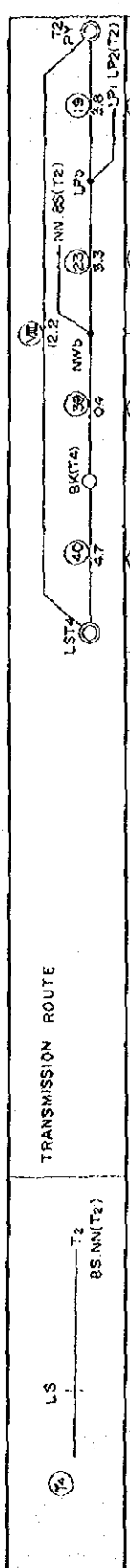
122
42
39
33
38
17

LS

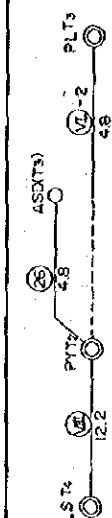
9S, NN(T2)

Table with columns: TANDEN OFFICE, LOSS TOTAL, TRANSMISSION SYSTEM & LOSS, DESTINATION OFFICE, and CABLE PCM. Rows include various office codes (LS, LMC, LMC, etc.) and their corresponding transmission systems and losses.

SUB TOTAL



TRANSMISSION SYSTEM & LOSS	DESTINATION OFFICE	CABLE PCM		CABLE PCM		CABLE PCM		CABLE PCM	
		LS	BK	LS	BK	LS	BK	LS	BK
C W 6.0 CWI 5L 4.0 LS PCM 2.0 BK PCM	[PY]								
P K 5.5 PK 19L 3.5 LS PCM 2.0 BK PCM	[PY]								
P T 2.0 PT PCM 2.0 LS PCM	[PY]								
SUB TOTAL									
TOTAL									
GRAND TOTAL									



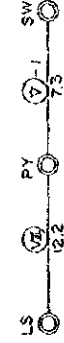
LS
 (except BK NW BSN)
 ASD(13)

TRANSMISSION ROUTE

NO. 13

TRANSMISSION SYSTEM & LOSS	TRANSMISSION SYSTEM & LOSS																								
	TANDEM & OFFICE	LOSS	TOTAL	PL	LS	PY	PL	LS	PY	PL	LS	PY	PL	LS	PY	PL	LS	PY	PL	LS	PY	PL	LS	PY	
LS	20	LS	PCM	20	PCM	20	PCM	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL
LS	20	PCM	20	PCM	20	PCM	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL
LS	49	PCM	20	PCM	20	PCM	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL
LS	50	PCM	20	PCM	20	PCM	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL
LS	42	PCM	20	PCM	20	PCM	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL
LS	38	PCM	20	PCM	20	PCM	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL
DM	41	DM	PCM	20	PCM	20	PCM	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL
DM	41	PCM	20	PCM	20	PCM	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL
RS	41	RS	PCM	20	PCM	20	PCM	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL
NWN	41	NWN	PCM	20	PCM	20	PCM	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL
RID	51	RID	PCM	31	PCM	20	PCM	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL
RID	51	PCM	31	PCM	20	PCM	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL
RID	80	PCM	31	PCM	20	PCM	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL
RID	73	PCM	31	PCM	20	PCM	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL
RID	79	PCM	31	PCM	20	PCM	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL
CW	60	CW	PCM	40	PCM	20	PCM	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL
PK	55	PK	PCM	35	PCM	20	PCM	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL
PT	41	PT	PCM	20	PCM	20	PCM	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL
				TOTAL																					
				GRAND TOTAL																					

TANDEM & OFFICE	LOSS TOTAL	TRANSMISSION SYSTEM & LOSS	DESTINATION OFFICE	CABLE		CABLE		CABLE	
				PCM	PY	PCM	PY	PCM	PY
LS	20	LS PCM 20 PY PCM- SW	SW	123		123			
LS	20	PCM 20 PCM- SW	SW	27		27			
LS	20	PCM 20 PCM- SW	SW	79		79			
LS	20	PCM 20 PCM- SW	SW	40		40			
LS	39	PCM 20 PCM- SW	TK	18	PY	18	PY		
LS	54	PCM 20 PCM- SW	TC	38		38			
LS	54	PCM 20 PCM- SW	SP	18		18			
DM	47	DM 9L 27 LS PCM 20 PY PCM- SW	SW	28		28			
DM	47	9L 27 PCM 20 PCM- SW	SW	57	PY	57	PY		
RS	45	RS PCM 20 LS PCM- PY 9L 25 SW	SW	8	PY	8	PY		
NWN	45	NWN PCM 20 LS PCM- PY 9L 25 SW	SW	9	PY	9	PY		
RID	51	RID 9L 31 LS PCM 20 PY PCM- SW	SW	32		32			
RID	51	9L 31 PCM 20 PCM- SW	SW	54	PY	54	PY		
RID	55	9L 31 PCM 20 PCM- SW	TC	6		6			
CW	60	CW 5L 40 LS PCM 20 PY PCM- SW	SW	15	PY	15	PY		
PX	55	PX 9L 35 LS PCM 20 PY PCM- SW	SW	8	PY	8	PY		
PT	45	PT PCM 20 LS PCM- PY 9L 25 SW	SW	8	PY	8	PY		
				123		123			
			TOTAL	332		307			
			GRAND TOTAL	117		117			
				572		547			



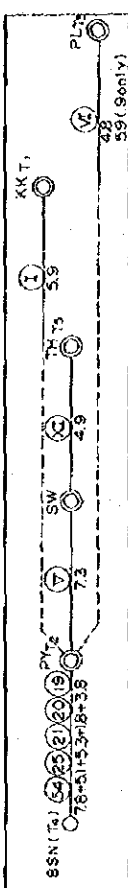
TRANSMISSION ROUTE

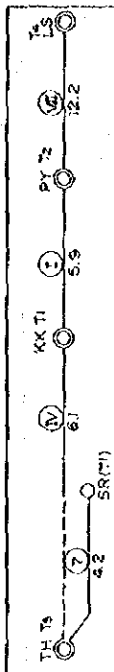
LS T7
(except BSN)



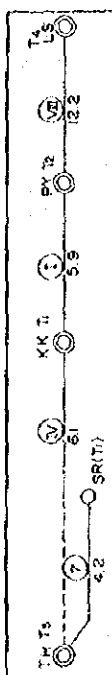
TAMDEM OFFICE	LOSS TOTAL	TRANSMISSION SYSTEM & LOSS	DESTINATION OFFICE	ICABLE PCM	CABLE PCM	CABLE PCM	CABLE PCM	CABLE PCM
3K	6.5	3K 65L 0.5 NW 65L 4.0 PY	PY	4 16				
3K	9.1	65N 0.8 65N 0.3	PY	X 22				
3K	9.5	65L 0.5 65L 4.0 5NL 5.0 IM	IM	X 20				
3K	7.6	65L 0.5 65L 3.8 65L 3.3 LP	LP1	NW X 27	PY			NN
3K	7.6	65L 0.5 65L 3.8 9L 1.7 LP2	LP2	6 X 23				
3K	4.8	9L 0.4 NW 9L 1.4 NW 9L 1.2 NN 9L 1.8 SS	SS					X 41
3K	5.9	3K 65L 0.5 NW 65L 3.8 PY 9L 1.6 LP2	PL	4 26				
3K	7.1	65L 0.5 65L 3.6 65L 2.8	PL	X 42				
3K	8.9	65L 0.5 65L 3.8 65L 2.6 65L 2.0 SV	SV	X 12				
3K	11.0	65L 0.5 65L 3.8 65L 2.9 9NL 3.9 MM	MM	NW X 7	PY			ASD
3K	10.8	65L 0.5 65L 3.8 9L 1.7 9L 1.5 9NL 3.3 KT	KT	X 12				
3K	10.3	65L 0.5 65L 4.0 65NL 5.8 ASD	ASD	X 12				
NW	4.0	NW 9L 1.7 NW 9L 2.3 PY	PY	4 42				
NW	5.1	9L 1.8 6K 65L 4.3	PY	X 56				
NW	10.1	9L 1.9 65L 4.3 65NL 4.0 IM	IM	X 23				
NW	10.3	9L 1.7 NW 9L 2.3 65NL 6.8 LP	LP1	X 14				
NW	8.6	9L 1.7 9L 2.1 65L 3.1 9L 1.7 LP2	LP2	NW X 12	PY			NN
NW	8.2	9NL 3.6 NN 9NL 4.6 BS	BS					X 69
NW	3.5	9NL 3.6	NN					X 16
NW	5.7	NW 9L 1.7 NW 9L 2.1 PY 9L 1.9 PL	PL	4 56				
NW	7.5	9L 1.8 3K 65L 4.1 9L 1.6	PL	X 38				
NW	11.0	9L 1.7 NW 9L 2.1 9L 1.6 65NL 5.5 MM	MM	NW X 6	PY			
NW	8.1	9L 1.7 9L 2.1 9L 1.7 9L 1.3 9L 1.3 KT	KT	X 6				
TOTAL				4 82				
				X 392				X 126
GRAND TOTAL				532	12	205		126

TAMPER LOSS & OFFICE TOTAL		TRANSMISSION SYSTEM & LOSS										DESTINATION OFFICE							
BSN	LOSS	BSN	PCM	2.0	KC	PCM	PCM	PCM	PCM	PCM	PCM	PCM	PCM	PCM	PCM	PCM	PCM	PCM	PCM
BSN	5.1	BSN	PCM	2.0	KC	PCM	PCM	PCM	PCM	PCM	PCM	PCM	PCM	PCM	PCM	PCM	PCM	PCM	PCM
BSN	4.1	BSN	PCM	2.0	KC	PCM	PCM	PCM	PCM	PCM	PCM	PCM	PCM	PCM	PCM	PCM	PCM	PCM	PCM
BSN	4.1	BSN	PCM	2.0	KC	PCM	PCM	PCM	PCM	PCM	PCM	PCM	PCM	PCM	PCM	PCM	PCM	PCM	PCM
BSN	5.9	BSN	PCM	2.0	KC	PCM	PCM	PCM	PCM	PCM	PCM	PCM	PCM	PCM	PCM	PCM	PCM	PCM	PCM
BSN	4.5	BSN	PCM	2.0	KC	PCM	PCM	PCM	PCM	PCM	PCM	PCM	PCM	PCM	PCM	PCM	PCM	PCM	PCM
TOTAL		TOTAL										TOTAL							
GRAND TOTAL		GRAND TOTAL										GRAND TOTAL							





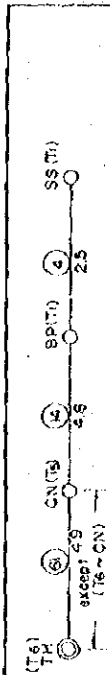
TAMDEM OFFICE	LOSS TOTAL	TRANSMISSION SYSTEM & LOSS				DESTINATION OFFICE	CABLE						
		LS PCM-	OV PCM-	PK PCM-	BT		7	7	7	7			
TH	3.8	TH 65L 3.8 KK				KK							
TH	3.8	65L 3.8				KK							
TH	7.4	65NL 7.4				KK							
TH	2.0	PCM 2.0				KK							
TH	0	PCM 0				KK							
TH	3.8	65L 3.8				KK							
TH	3.8	65L 3.8				KK							
TH	5.8	65L 3.5 5L 2.2 PW				PW							
TH	10.9	65NL 7.4 5NL 3.5				PW							
TH	5.5	65L 3.6 65L 1.9 SS				SS							
TH	11.0	65NL 7.4 65NL 3.6				SS							
TH	4.0	5L 4.0 SR				SR							
TH	6.4	5NL 6.4				SR							
TH	5.8	65L 3.8 KK PCM 2.0 PY PCM-	LS PCM-	OV PCM-	PK PCM-	BT							
DK	4.5	DK 65L 2.5 TH 9L 2.0 KK				KK							
DK	10.0	5NL 6.2 65L 3.8				KK							
DK	3.4	9L 1.4 9L 2.0				KK							
DK	9.6	65L 2.5 65L 3.6 5NL 3.5 PW				PW							
DK	10.9	5L 3.7 65L 3.6 65NL 3.6 SS				SS							
DK	10.3	5L 3.9 5NL 6.4 SR				SR							
EC	844.7	EC 9L 2.5 DK 65L 2.3 TH 65L 3.6 KK				KK							
EC	97.3	9L 2.3 9L 1.2 9L 2.0				KK							
RB	5.4	RB 65L 2.2 DK 9L 1.2 TH 9L 2.0 KK				KK							
RB	84.6	65L 2.2 9L 1.2 9L 2.0				KK							
PD	5.6	PD 9L 1.1 RB 9L 1.3 DK 9L 1.2 TH 9L 2.0 KK				KK							
PD	9.4	9NL 3.3 9L 1.3 9L 1.2 65L 3.6				KK							
PD	4.2	PCM 2.0 PCM-				KK							
PD	10.7	9L 1.1 9L 1.3 9L 1.2 65L 3.6 5NL 3.5 PW				PW							
PD	10.8	9L 1.1 9L 1.3 9L 1.2 65L 3.6 65NL 3.5 SS				SS							
PD	10.2	9L 1.1 9L 1.3 9L 1.2 5NL 6.4 SR				SR							
PD	7.9	9L 1.3 9L 1.1 9L 1.2 9L 1.8 KK 9L 0.9 SS 65L 1.6 BP				BP							
PP	5.8	PP PCM 2.0 TH 65L 3.8 KK				KK							
PP	4.2	PCM 2.0 9L 2.2				KK							
BC	5.1	BC 5L 3.1 TH 9L 2.0 KK				KK							
BC	10.7	5L 3.3 65NL 7.4				KK							
BC	3.2	9L 1.2 9L 2.0				KK							
BC	10.2	5L 3.1 65L 3.6 5NL 3.5 PW				PW							
BC	9.7	5L 3.3 5NL 6.4 SR				SR							



TAMDEM & OFFICE	LOSS	TRANSMISSION SYSTEM & LOSS										DESTINATION OFFICE	CABLE PCM	CABLE PCM	CABLE PCM	CABLE PCM	CABLE PCM
	TOTAL	6.0	1.6	3.0	3.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0					

TAMDEM & OFFICE	LOSS TOTAL	TRANSMISSION SYSTEM & LOSS										DESTINATION OFFICE	CABLE PCM	CABLE PCM	CABLE PCM	CABLE PCM	CABLE PCM	CABLE PCM
PC	6.0	1.6	3.0	3.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	TH						
PC	6.0	1.6	3.0	3.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	TH						
MK	6.0	1.6	3.0	3.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	TH						
MK	6.0	1.6	3.0	3.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	TH						
NK	4.2	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	TH						
NK	4.2	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	TH						
CN	6.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	TH						
CN	8.0	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	TH						
CN	6.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	TH						
CN	9.9	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	TH						
CN	11.0	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	TH						
TOTAL																		
GRAND TOTAL																		

NC 18



TRANSMISSION ROUTE

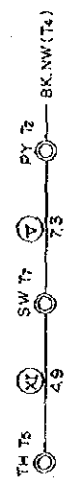
TAMDEM OFFICE	LOSS TOTAL	TRANSMISSION SYSTEM & LOSS	DESTINATION							
			OFFICE	CABLE	PCM	PCM	CABLE	PCM	PCM	CABLE
TH	72(4)	TH 5L 4.4 CN 65L 2.8 BP	BP	4 2.4				4 2.4		
TH	10.4	TH 5L 4.9 SS 5.5	BP	X 3.8				X 3.8		
TH	72(4)	TH 5L 4.4 SS 2.8	BP	X 6.3				X 6.3		
MC	72(4)	MC 5L 4.4 SS 2.8	BP	4 5				4 5		
CN	5.8	CN 65NL 3.8 BP	BP					X 2.6		
CN	9.6	CN 65NL 5.8 SS 3.8 SS	SS					X 2.3		
DK	8.4	DK 9L 1.4 TH 9L 4.2 CN 65L 2.8 BP	BP	X 1.4				X 1.4		
BC	8.2	BC 9L 1.2 TH 5L 4.2 CN 65L 2.8 BP	BP	X 1.5				X 1.5		
			TOTAL	X 6.3				X 6.3		
				X 2.9				X 2.9		
				X 6.8				X 6.8		
			GRAND TOTAL	16.0				20.2		
										2.3

TH 75 (X) SW 77 (V) PY 72 BK NW (24)
4.9 7.3

TRANSMISSION ROUTE

TH T2 TH (BK NW)

TAMDEM & OFFICE	LOSS TOTAL		TRANSMISSION SYSTEM & LOSS				DESTINATION OFFICE				CABLE PCM		CABLE PCM		CABLE PCM				
	TH	PY	TH	PY	SW	PCM	TH	PY	SW	PCM	TH	PY	SW	PCM	TH	PY	SW	PCM	
TH	39	TH 9L	1.6	SW 9L	2.3	PY													
TH	71	65L 2.9	65L 4.2																
TH	39	9L 1.6	9L 2.3																
TH	20	PCM 2.0	PCM-																
TH	0	PCM 0	PCM-																
TH	59	9L 1.6	9L 2.1	9L 2.2	BS														
TH	78	9L 1.6	65L 4.0	9L 2.2															
TH	57	9L 1.6	9L 2.1	55L 2.0	IM														
TH	89	65L 2.9	65L 4.0	65L 2.0															
TH	55	PCM 2.0	PCM-	65L 3.5	LP1														
TH	83	65L 2.9	9L 2.1	65L 3.3															
TH	55	PCM 2.0	PCM-	9L 1.8	LP2														
TH	55	PCM 2.0	PCM-	9L 1.8	LP2														
TH	60	PCM 2.0	PCM-	9L 2.2	BS	9L 1.8	NN												
TH	85	9L 1.6	9L 2.1	65L 2.2	BS	9L 1.8	NN												
DK	57	DK 5L	3.7	TH PCM 2.0	SW PCM-	PY													
DK	81	65L 2.5	9L 1.4	65L 4.2															
DK	50	9L 1.4	9L 1.4	65L 4.0	9L 2.2	BS													
DK	82	9L 1.4	9L 1.4	9L 2.1	9L 1.6	LP1	9L 1.7	LP2											
EC	59	EC 9L	2.5	DK 9L	1.4	TH PCM 2.0	SW PCM-	PY											
RB	56	RB 65L	2.2	DK 9L	1.4	TH PCM 2.0	SW PCM-	PY											
PD	58	PD 9L	1.3	DK 9L	1.3	TH PCM 2.0	SW PCM-	PY											
PD	88	60	65L 1.9	65L 2.5	65L 2.5	PCM 2.0	PCM-												
PD	81	65L 1.9	65L 2.5	65L 2.5	PCM 2.0	PCM-													
PD	81	65L 1.9	65L 2.5	65L 2.5	PCM 2.0	PCM-													
PD	81	65L 1.9	65L 2.5	65L 2.5	PCM 2.0	PCM-													
PD	93	9L 2.4	9L 1.4	PCM 2.0	PCM-	9L 1.8	LP1	9L 1.7	LP2										
BC	53	BC 5L	3.3	TH PCM 2.0	SW PCM-	PY													
BC	100	9L 2.9	65L 2.9	65L 4.2															
BC	107	9L 2.9	9L 1.6	65L 4.0	9L 2.2	BS													
PC	62	PC 65L	3.0	BC 9L	1.2	TH PCM 2.0	SW PCM-	PY											
MX	20	MX PCM 2.0	PCM-	BC PCM-	TH PCM-	SW PCM-	PY												
NK	20	NK PCM 2.0	PCM-	SW PCM-	PY														
CN	81	71	5L 2.4	4.4	TH 9L	1.4	SW 9L	2.3	PY										
CN	81	5L 2.4	9L 1.2	9L 2.3															
CN	100	5L 4.6	PCM 2.0	PCM-	9L 65L 3.4	BS													

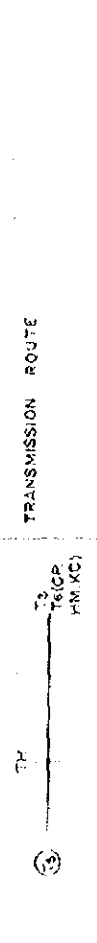


TAMDEM & OFFICE	LOSS TOTAL	TRANSMISSION SYSTEM & LOSS	DESTINATION OFFICE			
			CABLE PCM	CABLE PCM	CABLE PCM	CABLE PCM
TH	46	TH PCM 20 SW PCM - PY 9L 26BK	32	32		
TH	60	TH PCM 20 PCM - 9L 40NW	54	54		
TH	88	TH PCM 29 9L 21 9L 38	27	27		
TH	89	TH PCM 44 9L 21 9L 24BK	18	18		
OK	83	OK PCM 39 TH PCM 20 SW PCM - PY 9L 26BK				
OK	99	OK PCM 39 PCM 20 PCM - 9L 40NW				
PD	1486	PD 65L 44 DK 68L 24 TH PCM 20 SW PCM - PY 9L 26BK				
PD	98	PD 9L 24 9L 14 PCM 20 PCM - 9L 40NW				
BC	79	BC 15L 33 TH PCM 20 SW PCM - PY 9L 26BK				
BC	93	BC 9L 33 PCM 20 PCM - 9L 40NW				
TOTAL			92	92		
GRAND TOTAL			414	414		

TRANSMISSION ROUTE



TANDEN OFFICE	LOSS TOTAL	TRANSMISSION SYSTEM & LOSS	DESTINATION OFFICE	CABLE PCM		CABLE PCM		CABLE PCM	
				4-9	5-10	4-9	5-10	4-9	5-10
TH	5.1	TH 65L 2.0 SW 55L 2.2 PL	PL	4-9		4-9			
TH	3.1	65L 2.9 - 65L 2.2	PL	4-50					
TH	10.1	5L 4.6 - 5NL 5.5	PL	X 77					
TH	2.0	PCM 2.0 - PCM	PL	X 77					
TH	3.8	65L 2.9 - 5L 2.9 MM	MM	4-31					
TH	5.4	5L 4.6 - 5NL 4.8	MM	X 24					
TH	6.8(4.3)	65L 2.9 - 5L 2.7 - 9L 1.3 KT	KT	X 41					
TH	8.4	5L 4.6 - 5L 2.7 - 9L 1.3	KT	X 23					
TH	7.9(4.7)	65L 2.9 - 5L 2.7 - 9L 1.3 PL 5L 4.0 ASD	ASD	4-53					
TH	8.9	65L 2.9 - 65L 2.0 - 5L 4.0	ASD	X 22					
TH	5.9	65L 2.9 - 9L 1.0 - 55L 2.0 SV	SV	4-37					
TH	9.4	5L 4.6 - 65L 2.0 - 65L 2.0	SV	X 25					
DK	4.7	DK 65L 2.7 TH PCM 2.0 SW PCM - PL	PL	4-29					
DK	3.9	65L 2.5 - 5L 4.2 - 65L 2.2	PL	X 14					
DK	10.2	65L 2.5 - 65L 2.9 - 5NL 4.8 MM	MM	X 16					
DK	8.9	65L 2.9 - 9L 1.4 - 5L 2.7 - 65L 2.3 KT	KT	X 15					
DK	8.1	9L 1.4 - 65L 2.7 - 65L 2.0 PL 65L 2.0 SV	SV	X 13					
EG	5.9	EG 9L 2.5 DK 9L 1.4 TH PCM 2.0 SW PCM - PL	PL	4-22					
RB	5.5	RB 65L 2.2 DK 9L 1.4 TH PCM 2.0 SW PCM - PL	PL	4-22					
PD	5.8	PD 9L 1.1 RB 9L 1.3 DK 9L 1.4 TH PCM 2.0 SW PCM - PL	PL	4-28					
PD	9.0	9L 1.1 - 65L 2.4 - 65L 2.4 - PCM 2.0 - PCM - PL	PL	X 23					
PD	9.6	9L 1.1 - 9L 1.3 - 65L 2.3 - 9L 1.4 - 5L 2.9 MM	MM	X 16					
PD	10.0	9L 1.1 - 9L 1.3 - 65L 2.3 - 9L 1.4 - 5L 2.9 MM	MM	X 18					
PD	10.0	9L 1.1 - 9L 1.3 - 65L 2.3 - 9L 1.4 - 5L 2.9 MM	MM	X 6					
PD	10.0	9L 1.1 - 9L 1.3 - 65L 2.3 - 9L 1.4 - 5L 2.9 MM	MM	X 15					
PP	4.8	PP PCM 2.0 PD PCM - TH 9L 1.6 SW 9L 1.2 PL	PL	4-6					
SC	5.7	SC 5L 3.1 TH 9L 1.4 SW 9L 1.2 PL	PL	4-32					
PC	6.2	PC 65L 3.0 BC 9L 1.2 TH PCM 2.0 SW PCM - PL	PL	4-26					
MX	2.0	MX PCM 2.0 PC PCM - BC PCM - TH PCM - SW PCM - PL	PL	4-10					
NK	2.0	NK PCM 2.0 MK PCM - PC PCM - BC PCM - TH PCM - SW PCM - PL	PL	4-10					



TANDEM OFFICE	LOSS	TRANSMISSION SYSTEM & LOSS		DESTINATION OFFICE	CABLE PCM		CABLE PCM		CABLE PCM									
		SYSTEM	LOSS		PCM	PCM	PCM	PCM	PCM	PCM								
CN	83	5L	44 TH 65L 27 SW 26 12 PL	PL	422	422												
CN	83	5L	44 TH 65L 27 SW 26 12 PL	PL	422	422												
CN	87	5L	44 TH 65L 27 SW 26 12 PL	MM	28	28												
CN	104	5L	46 PCM 20 PCM - PL 9L 15 MM 65L 23 KT	KT	7	7												
CN	108	5L	46 PCM 20 PCM - 5L 42 ASD	ASD	8	8												
TH	59	TH	65L 29 SW 9L 10 PL 9L 20 CP	CP	74	74												
TH	47	PCM	20 PCM - 9L 27 MM	MM	37	37												
TH	88	65L	29 9L 10 65L 47	MM	26	26												
TH	59	19L	16 9L 23 PY PCM 20 KC	KC	53	53												
TH	72(54)	65L	29 9L 23 PCM 20	KC	25	25												
TH	87	65L	29 65L 20 PL 65L 02 MM 65L 14 SV 65L 20 CP	CP	40	40												
D.K.	86	OK	5L 39 TH PCM 20 SW PCM - PL 9L 27 MM	MM	12	12												
PD	110(82)	PO	65L 68 TH PCM 20 SW PCM - PL 19L 22 CP	CP	14	14												
PD	65	9L	38 PCM 20 PCM - 9L 27 MM	MM	15	15												
PD	79	PCM	20 DK PCM - TH 9L 18 SW 9L 23 PY PCM 20 KC	KC	6	6												
TOTAL					450	108	365	53	26	37	25	40	12	14	15	6	84	
GRAND TOTAL					967	435	610	435										

TANDEN OFFICE	LOSS TOTAL	TRANSMISSION SYSTEM & LOSS	TRANSMISSION ROUTE				DESTINATION OFFICE
			TH T5	SW T7	PY T2	LS T4	
TH	20	TH PCM 20 SW PCM - PY PCM - LS	49	73	122	TH T5	
TH	20	TH PCM 20 PCM - PCM -	49	73	122	LS T4	
TH	20	TH PCM 20 PCM - PCM -	49	73	122	LS T4	
TH	47	TH PCM 20 PCM - PCM - 9L 27 DM	49	73	122	LS T4	
TH	57	TH PCM 20 PCM - PCM - 9L 27	49	73	122	LS T4	
TH	20	TH PCM 20 PCM - PCM -	49	73	122	LS T4	
TH	20	TH PCM 20 PCM - PCM - 9L 31 RID	49	73	122	LS T4	
TH	51	TH PCM 20 PCM - PCM - 9L 31 RID	49	73	122	LS T4	
TH	87	TH PCM 20 PCM - PCM - 9L 37	49	73	122	LS T4	
TH	60	TH PCM 20 PCM - PCM - 9L 40 CW	49	73	122	LS T4	
TH	55	TH PCM 20 PCM - PCM - 9L 14 9L 21 PK	49	73	122	LS T4	
TH	20	TH PCM 20 PCM - PCM - PCM - PCM - PT	49	73	122	LS T4	
TH	51	TH PCM 20 PCM - PCM - 9L 31 RID	49	73	122	LS T4	
OK	59	OK PCM 20 SW PCM - PY PCM - LS	49	73	122	LS T4	
EC	59	EC PCM 20 SW PCM - PY PCM - LS	49	73	122	LS T4	
RB	58	RB PCM 20 SW PCM - PY PCM - LS	49	73	122	LS T4	
PD	58	PD PCM 20 SW PCM - PY PCM - LS	49	73	122	LS T4	
PD	85	PD PCM 20 PCM - PCM - 9L 27 DM	49	73	122	LS T4	
BC	53	BC PCM 20 SW PCM - PY PCM - LS	49	73	122	LS T4	
PC	52	PC PCM 20 SW PCM - PY PCM - LS	49	73	122	LS T4	
MK	59	MK PCM 20 SW PCM - PY PCM - LS	49	73	122	LS T4	
NK	59	NK PCM 20 SW PCM - PY PCM - LS	49	73	122	LS T4	
CN	65	CN PCM 20 SW PCM - PY PCM - LS	49	73	122	LS T4	
TOTAL			14	537	26	525	

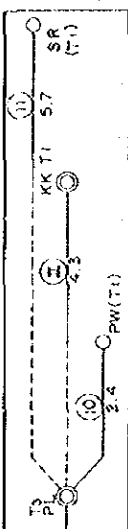




TANDEM OFFICE		LOSS TOTAL		TRANSMISSION SYSTEM & LOSS		DESTINATION OFFICE		CABLE PCM	CABLE PCM	CABLE PCM	CABLE PCM
TH	4.6	TH 1SL	4.6 SW					4.23			
TH	4.6	5L	4.6					4.40			
TH	7.5	5M	7.5					X 164			
TH	1.8	9L	1.8					SW			
TH	4.6	5L	4.6					4.45			
TH	5.9	9L	1.6	5L	27MM 9L	0.6 SP		4.24			
TH	5.8	9L	1.6	5L	23 1/2 5L	1.9 TC		4.53			
TH	8.6	5L	4.4	5L	2.3	1.9		X 54			
TH	6.1	5L	4.4	9L	0.8	0.9 TK		4.29			
TH	9.1	5L	4.6	5NL	4.5 TK			X 1.6			
DK	5.4	DK 65L	2.5	TH 65L	2.9 SW			4.22			
DK	8.1	5L	3.7	5L	4.4			TH X 82			
DK	8.3	9L	1.4	65L	2.7	5L	2.3 1/2 5L	X 20			
EC	5.3	EC 9L	2.3	DK 9L	1.2	TH 9L	1.6 SW				
RS	5.4	RS 9L	1.3	DK 9L	1.2	TH 65L	2.9 SW				
PD	3.8	PD PCM	2.0	DK PCM	TH 9L	1.8 SW		4.33			
PD	5.1	PCM	2.0	RS PCM	DK PCM	TH 65L	3.1 SW	X 60			
PD	7.8	65L	PCM	2.0	PCM	PCM	9L	1.6	5L	2.3 1/2 5L	1.9 TC
BC	6.0	BC 5L	3.1	TH 65L	2.9 SW			4.23			
BC	9.8	5NL	5.2	5L	4.6			SW			
BC	10.0	9L	2.9	65L	2.9	5L	2.3 1/2 5L	X 6			
PC	5.6	PC 65L	3.0	BC 9L	1.0	TH 9L	1.6 SW				
NK	5.1	NK PCM	2.0	PC PCM	BC PCM	TH 65L	3.1 SW				
NK	5.1	NK PCM	2.0	MK PCM	PC PCM	BC PCM	TH 65L	3.1 SW			
CN	6.0	CN 5L	4.4	TH 9L	1.6 SW			4.25			
CN	8.8	5L	4.4	5L	4.4			TH X 51			
								9.90			
								4519			
								X 524			
								TOTAL			
								GRAND TOTAL			
								1133			



TAMDEM LOSS		TRANSMISSION SYSTEM & LOSS		DESTINATION OFFICE		CABLE PCM		CABLE PCM		CABLE PCM	
OFFICE	TOTAL										
PN	5	PN 9L	25 PL 55L 26 KK	KK	4 72						
PN	5	9L 25	55L 25	KK	4 72						
PN	20	PCM 20	PCM	KK	4 72						
PN	0	PCM 0	PCM	KK	4 72						
PN	39	9L 25	9L 4	KK	4 72						
PN	85	55L 46	5L 39	KK	4 72						
PN	39	9L 25	9L 4	KK	4 72						
PN	39	9L 25	9L 4	KK	4 72						
PN	79	55L 46	55L 33 SR	SR	4 72						
PN	55	PCM 20	PCM	SIR	4 72						
PN	48	9L 25	5L 23 PW	SP	4 72						
PN	85	55L 46	5L 37	PW	4 72						
PN	56	9L 25	9L 12 KK 55L 15 SS	SS	4 72						
PN	49	55L 29	PN 20 PL PCM	KK	4 72						
PN	37	9L 17	PCM 20	KK	4 72						
PN	85	55L 46	55L 26	KK	4 72						
PN	83	55L 27	9L 23 55L 33 SR	SR	4 72						
PN	58	9L 15	55L 46 5L 37 PW	PW	4 72						
PN	62	9L 15	55L 46 5L 12 KK 5L 12	SS	4 72						
PN	49	55L 29	PN 20 PL PCM	KK	4 72						
PN	87	55L 30	9L 23 5L 14	KK	4 72						
PN	83	9L 27	5L 23 55L 33 SR	SR	4 72						
PN	10	9L 14 9L 55L 23 PN 5L 23 55L 37 PW	5L 23 55L 37 PW	PW	4 72						
PN	85	55L 46	5L 13 5L 23 55L 24 KK 9L 12 55L 16 SR	SS	4 72						
PN	87	9L 14	9L 13 9L 23 5L 12 9L 09 55L 16 SR	SP	4 72						
SPX	20	SPX PCM 20	PN PCM	PL PCM	4 72						
SPK	20	PCM 20	PCM	PL PCM	4 72						
SPD	20	SPD PCM 20	SPK PCM	PN PCM	4 72						
SPD	20	PCM 20	PCM	PL PCM	4 72						
ON	60	ON 9L 23	PN 9L 23 9L 14 KK	KK	4 72						
ON	4338	9L 25	PCM 20	PCM	4 72						
PV	20	PV PCM 20	ON PCM	PL PCM	4 72						
PV	20	PCM 20	PCM	PL PCM	4 72						
8 PL	55(40) 8 PL PCM 30	8N PCM	PN 9L 25 PL 9L 14 KK	KK	4 72						



PN
except CP,
HM, KC

TRANSMISSION ROUTE

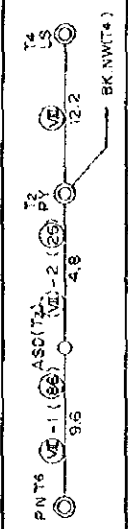
TANDEM OFFICE	LOSS TOTAL	TRANSMISSION SYSTEM & LOSS						DESTINATION OFFICE	CABLE PCM	CABLE PCM	CABLE PCM	CABLE PCM	CABLE PCM
		LB	PC	PC	PC	PC	PC						
LB	4.8	LB	PC	PC	PC	PC	KK	2	2				
LB	3.6	PC	PC	PC	PC	PC	OTD						
							TOTAL						
							ORGANIZATION TOTAL	703	534	160	293	560	

TAMEN OFFICE	LOSS TOTAL	TRANSMISSION SYSTEM & LOSS	DESTINATION OFFICE		CABLE PCM		CABLE PCM		CABLE PCM	
			OFFICE	LOSS	PCM	LOSS	PCM	PCM	LOSS	PCM
P N	4.6	PN 9L 30 ASD 9L 1.6 PY	P Y	4.60	4.60					
P N	4.5	9L 30 9L 1.6	P Y	4.50	4.50					
P N	2.0	PCM 20 PCM	P Y	2.00	2.00					
P N	0	PCM 0 PCM	P Y	0	0					
P N	5.4	PCM 20 PCM 3.4 BS	P Y	5.40	5.40					
P N	6.0	PCM 20 PCM 9L 2.2 9L 1.8 NN	P N	6.00	6.00					
P N	6.0	PCM 20 PCM 6.5 NL 4.0 IM	P N	6.00	6.00					
P N	5.5	PCM 20 PCM 6.5 NL 3.5 LP1	P N	5.50	5.50					
P N	5.5	PCM 20 PCM 6.5 NL 1.8 9L 1.7 LP2	P N	5.50	5.50					
P N	7.7	9L 30 9L 1.4 9L 1.6 9L 1.7	P N	7.70	7.70					
P N	4.9	BN 65L 2.9 PN PCM 2.0 ASD PCM	P Y	4.90	4.90					
P N	8.4	5L 4.0 9L 2.8 9L 1.6	P Y	8.40	8.40					
P N	9.1	65L 2.7 9L 2.8 9L 1.4 9L 2.2 BS	P N	9.10	9.10					
P N	9.0	9L 1.5 9L 2.8 9L 1.4 9L 1.6 LP1 9L 1.7 LP2	P N	9.00	9.00					
P S	4.9	PS 9L 2.9 PN PCM 2.0 ASD PCM	P Y	4.90	4.90					
P S	3.3	3.9 9L 2.8 9L 1.6	P Y	3.30	3.30					
P S	3.4	3.4 4.0 PCM 2.0 PCM 9L 3.4 BS	P N	3.40	3.40					
P S	8.4	9L 2.9 PCM 2.0 PCM 9L 1.8 LP1 9L 1.7 LP2	P N	8.40	8.40					
SPK	2.0	SPK PCM 2.0 PS PCM - PN PCM - ASD PCM - PY	P Y	2.00	2.00					
O N	4.5	ON 9L 2.5 PN PCM 2.0 ASD PCM - PY	P Y	4.50	4.50					
L B	2.0	L B PCM 2.0 PV PCM - ON PCM - PN PCM - ASD PCM - PY	P Y	2.00	2.00					
P N	5.9	PN 65L 5.9 ASD	ASD	5.90	5.90					
P N	5.9	PN 65L 5.9	ASD	5.90	5.90					
P S	8.4	PS 9L 2.7 PN 65L 6.7 ASD	ASD	8.40	8.40					
P N	4.6	PN PCM 2.0 ASD PCM - PY 9L 2.2 NW 9L 0.4 BK	B K	4.60	4.60					
P N	6.0	PCM 2.0 PCM - 9L 2.3 9L 1.7 NW	N W	6.00	6.00					
B N	10.7	BN 5L 4.2 PN PCM 2.0 ASD PCM - PY 6.5L 4.1 6.5L 0.4 BK	B K	10.70	10.70					
TOTAL				204	204					
GRAND TOTAL				205	772					



TRANSMISSION ROUTE

PN
(except CP
MM, KC)



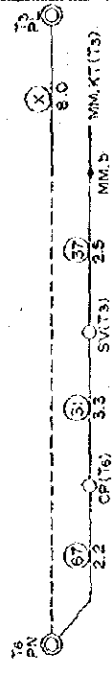
PN
 (except CP
 HM, KC)

T4
 T2

TRANSMISSION ROUTE

TAMPER OFFICE	LOSS TOTAL	TRANSMISSION SYSTEM & LOSS	DESTINATION OFFICE			
			VT - 1	VT - 2	CABLE PCM	PCM
PN	2.0	PN PCM 2.0 ASD PCM - PY PCM - LS	3.4	3.4	3.4	3.4
PN	2.0	PCM 2.0 PCM - PCM -	1.5	1.5	1.5	1.5
PN	2.0	PCM 2.0 PCM - PCM -	1.39	1.39	1.39	1.39
PN MC	2.0	PCM 2.0 PCM - PCM -	1.5	1.5	1.5	1.5
PN	5.7	PCM 2.0 PCM - PCM - 9L 2.7 PCM	3.6	3.6	3.6	3.6
PN	2.0	PCM 2.0 PCM - PCM - RS	1.0	1.0	1.0	1.0
PN	2.0	PCM 2.0 PCM - PCM - PCM - NWN	1.3	1.3	1.3	1.3
PN	3.1	PCM 2.0 PCM - PCM - 9L 3.1 RD	4.1	4.1	4.1	4.1
PN	5.1	PCM 2.0 PCM - PCM - 9L 3.1	6.1	6.1	6.1	6.1
PN	2.0	PCM 2.0 PCM - PCM - RD PCM - BSN	1.9	1.9	1.9	1.9
PN MC	2.0	PCM 2.0 PCM - PCM - PCM -	3	3	3	3
PN	2.0	PCM 2.0 PCM - PCM - PCM -	2.6	2.6	2.6	2.6
PN	2.0	PCM 2.0 PCM - PCM - PCM - NC	5	5	5	5
PN MC	2.0	PCM 2.0 PCM - PCM - PCM - PCM - NC	2	2	2	2
PN	6.0	PCM 2.0 PCM - PCM - 3L 2.0 CW	2.1	2.1	2.1	2.1
PN	5.5	PCM 2.0 PCM - PCM - 9L 1.4 1.9L 2.1 PK	9	9	9	9
PN	2.0	PCM 2.0 PCM - PCM - PCM - PCM - IPT	1.1	1.1	1.1	1.1
SN	4.9	8N 6.5L 2.9 PN PCM 2.0 ASD PCM - PY PCM - LS	3.7	3.7	3.7	3.7
SN	8.0	6.5L 2.9 PCM 2.0 PCM - PCM - 9L 3.1 RD	7	7	7	7
PS	4.9	PS 9L 1.4 8N 9L 1.5 PN PCM 2.0 ASD PCM - PY PCM - LS	2.2	2.2	2.2	2.2
PS	9.1	6.5L 2.5 9L 1.5 PCM 2.0 PCM - PCM - 9L 3.1 RD	6	6	6	6
SPK	2.0	SPK PCM 2.0 PS PCM - PN PCM - ASD PCM - PY PCM - LS	1.8	1.8	1.8	1.8
ON	4.5	ON 1.9L 2.5 PN PCM 2.0 ASD PCM - PY PCM - LS	1.8	1.8	1.8	1.8
LB	5.9	LB PCM 2.0 PY PCM - ON PCM - ASD PCM - PY 9L 3.9 LS	6	6	6	6
TOTAL			139	139	139	139
TOTAL			41	41	41	41
TOTAL			320	320	320	320
TOTAL			19	19	19	19
GRAND TOTAL			519	519	519	519

TRANSMISSION ROUTE

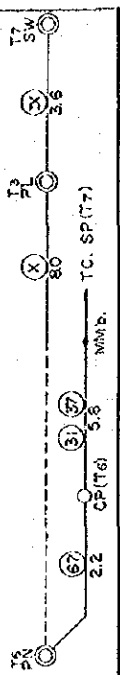


PN
except CP
HM KC

PN
except ASD)

TANDEN & OFFICE	LOSS TOTAL	TRANSMISSION SYSTEM & LOSS	DESTINATION OFFICE	CABLE PCM	CABLE PCM	CABLE PCM	CABLE PCM
PN	48	PN 65L 48 PL	PL				4 104
PN	48	PN 65L 48	PL				4 21
PN	20	PN 20	PL				4 121
PN	97	PN 97	PL				4 36
PN	51	PN 51 21 CP 51 30 SV	SV	4 38			
PN	83	PN 83	SV	4 20			
PN	51	PN 51 21 51 30	SV	4 5			
PN	53	PN 53 9L 08 65L 18 65L 14 MM 65L 23 MM	MM	4 32			
PN	85	PN 85 21 51 28 65L 14 65L 23	MM	4 7			
PN	83	PN 83 9L 08 65L 18 65L 14 65L 23	MM	4 5			
PN	59	PN 59 9L 08 9L 10 9L 07 9L 11 65L 23 KT	KT	4 42			
PN	102	PN 102 65L 14 65L 18 65L 14 65L 23 9L 33	KT	4 8			
PN	59	PN 59 9L 08 9L 10 9L 07 9L 11 65L 23	KT	4 5			
PN	52	PN 52 8N 65L 27 PN 9L 25 PL	PL				4 52
PN	86	PN 86 51 40 65L 45	PL				4 32
PN	89	PN 89 51 40 51 9 CP 51 30 SV	SV	4 17			
PN	82	PN 82 9L 15 65L 12 65L 18 65L 14 MM 65L 23 MM	MM	4 14			
PN	84	PN 84 65L 27 9L 06 9L 10 9L 07 9L 11 65L 23 KT	KT	4 16			
PN	52	PN 52 8N 65L 27 PN 9L 25 PL	PL				4 26
PN	108	PN 108 9L 08 35 8N 65L 27 PN 9L 46 PL	PL				4 30
PN	87	PN 87 65L 40 PN 9L 07 CP 51 30 SV	SV	4 14			
PN	88	PN 88 9L 27 9L 06 65L 19 65L 14 MM 65L 23 MM	MM	4 15			
PN	84	PN 84 9L 14 8N 9L 13 PN 9L 16 9L 07 9L 11 65L 23 KT	KT	4 17			
PN	47	PN 47 8N 65L 20 PN 9L 27 PL	PL				4 33
PN	91	PN 91 9L 45 65L 48	PL				4 12
PN	83	PN 83 9L 20 8L 08 CP 51 18 SV 65L 14 MM 65L 23 MM	SV	4 6			
PN	83	PN 83 9L 20 65L 14 65L 18 9L 07 9L 11 65L 23 KT	KT	4 6			
PN	47	PN 47 8N 65L 20 PN 9L 27 PL	PL				4 6
PN	48	PN 48 0N 9L 23 PN 9L 25 PL	PL				4 31
PN	20	PN 20 18 PCM 20 PV PCM - ON PCM - PN PCM - PL	PL				4 9 PL
TOTAL			TOTAL	4127	4127	484	4273
GRAND TOTAL			GRAND TOTAL	4140	4140	89	4229
				267	267	173	440

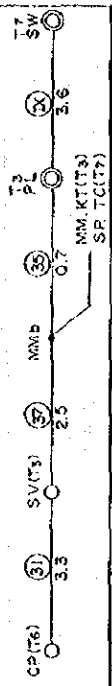
TANDEM OFFICE		LOSS TOTAL		TRANSMISSION SYSTEM & LOSS		DESTINATION OFFICE		CABLE PCM		CABLE PCM		CABLE PCM		CABLE PCM	
PN	PN	58	PN: 165L 46 PL 9L 12 SW			SW	141	141	141	141	141	141	141	141	141
PN	PN	79	PN: 165L 46 PL 33			SW	21	21	21	21	21	21	21	21	21
PN	PN	20	PN: 165L 46 PL 20 PCM			SW	18	18	18	18	18	18	18	18	18
PN	PN	37	PN: 19L 25 PL 12			SW	51	51	51	51	51	51	51	51	51
PN	PN	31	PN: 19L 08 CP 9L 09 SV 9L 07 MM 9L 11 MM 9L 16 SP			SP	35	35	35	35	35	35	35	35	35
PN	PN	46	PN: 19L 08 CP 9L 10 PL 9L 07 PL 11 PL 19L 07 PL 03 TC			TC	65	65	65	65	65	65	65	65	65
PN	PN	52	PN: 19L 25 PL 9L 10 SW 9L 17 TX			TK	9	9	9	9	9	9	9	9	9
PN	PN	54	PN: 19L 08 CP 65L 18 SV 9L 18 MM 9L 10 TC			TC	4	4	4	4	4	4	4	4	4
PN	PN	51	PN: 19L 08 PL 9L 09 PL 18 PL 19L 16 SP			SP	4	4	4	4	4	4	4	4	4
PN	PN	52	PN: 19L 25 PL 9L 10 SW 9L 17 TX			TK	4	4	4	4	4	4	4	4	4
PN	PN	60	PN: 19L 15 PN 9L 23 PL 65L 22 SW			SW	54	54	54	54	54	54	54	54	54
PN	PN	81	PN: 19L 15 PL 44 PL 65L 22			SW	51	51	51	51	51	51	51	51	51
PN	PN	60	PN: 165L 25 PN 9L 15 PN PCM 20 PL PCM - SW			SW	27	27	27	27	27	27	27	27	27
PN	PN	83	PN: 19L 14 PN 9L 13 PL 44 PL 9L 12			SW	44	44	44	44	44	44	44	44	44
PN	PN	93	PN: 19L 14 PL 15 PL PCM 20 PCM - PL PCM - SW			TC	15	15	15	15	15	15	15	15	15
PN	PN	20	PN: 165L 20 PN PCM - PL PCM - SW			SW	20	20	20	20	20	20	20	20	20
PN	PN	88	PN: 165L 20 PL 65L 46 PL 65L 22			SW	46	46	46	46	46	46	46	46	46
PN	PN	58	PN: 0N 19L 23 PL 9L 12			ON	23	23	23	23	23	23	23	23	23
PN	PN	44	PN: 18 PCM 20 PCM - 65L 24			LB	24	24	24	24	24	24	24	24	24
TOTAL						TOTAL	113	113	113	113	113	113	113	113	113
GRAND TOTAL						GRAND TOTAL	438	438	438	438	438	438	438	438	438



TRANSMISSION ROUTE		TRANSMISSION SYSTEM 1 LOSS																				
TAMBOUR OFFICE	LOSS TOTAL	DESTINATION OFFICE																				
		CP (T6)	ASD (T3)	BK (T4)	NW	CP (T6)	ASD (T3)	BK (T4)	NW	CP (T6)	ASD (T3)	BK (T4)	NW									
CP	5.3	CP	9L	24	ASD	65L	29	PY														
CP	7.4	CP	9L	4.3	ASD	65L	2.9	PY														
CP	7.9	CP	9L	4.5	ASD	65L	2.9	IM														
CP	8.3	CP	9L	2.4	ASD	65L	2.7	BS														
CP	8.4	CP	9L	2.4	ASD	65L	2.7	LP1														
CP	8.6	CP	9L	2.4	ASD	65L	2.7	LP2														
CP	9.4	CP	9L	2.4	ASD	65L	2.7	ASD														
CP	8.3	CP	9L	2.5	ASD	65L	2.8	BK														
CP	7.7	CP	9L	2.5	ASD	65L	2.8	NW														
		TOTAL																				
		GRAND TOTAL																				
		CP (T6)	ASD (T3)	BK (T4)	NW	CP (T6)	ASD (T3)	BK (T4)	NW	CP (T6)	ASD (T3)	BK (T4)	NW	CP (T6)	ASD (T3)	BK (T4)	NW	CP (T6)	ASD (T3)	BK (T4)	NW	
		7.8	4.8	7.1	0.2	7.8	4.8	7.1	0.2	7.8	4.8	7.1	0.2	7.8	4.8	7.1	0.2	7.8	4.8	7.1	0.2	
		32	26	23	39	32	26	23	39	32	26	23	39	32	26	23	39	32	26	23	39	
		x 32	x 32	x 32	x 32	x 32	x 32	x 32	x 32	x 32	x 32	x 32	x 32	x 32	x 32	x 32	x 32	x 32	x 32	x 32	x 32	
		x 56	x 56	x 56	x 56	x 56	x 56	x 56	x 56	x 56	x 56	x 56	x 56	x 56	x 56	x 56	x 56	x 56	x 56	x 56	x 56	
		x 12	x 12	x 12	x 12	x 12	x 12	x 12	x 12	x 12	x 12	x 12	x 12	x 12	x 12	x 12	x 12	x 12	x 12	x 12	x 12	
		x 12	x 12	x 12	x 12	x 12	x 12	x 12	x 12	x 12	x 12	x 12	x 12	x 12	x 12	x 12	x 12	x 12	x 12	x 12	x 12	
		x 30	x 30	x 30	x 30	x 30	x 30	x 30	x 30	x 30	x 30	x 30	x 30	x 30	x 30	x 30	x 30	x 30	x 30	x 30	x 30	
		x 36	x 36	x 36	x 36	x 36	x 36	x 36	x 36	x 36	x 36	x 36	x 36	x 36	x 36	x 36	x 36	x 36	x 36	x 36	x 36	
		x 54	x 54	x 54	x 54	x 54	x 54	x 54	x 54	x 54	x 54	x 54	x 54	x 54	x 54	x 54	x 54	x 54	x 54	x 54	x 54	
		x 30	x 30	x 30	x 30	x 30	x 30	x 30	x 30	x 30	x 30	x 30	x 30	x 30	x 30	x 30	x 30	x 30	x 30	x 30	x 30	
		x 12	x 12	x 12	x 12	x 12	x 12	x 12	x 12	x 12	x 12	x 12	x 12	x 12	x 12	x 12	x 12	x 12	x 12	x 12	x 12	
		x 32	x 32	x 32	x 32	x 32	x 32	x 32	x 32	x 32	x 32	x 32	x 32	x 32	x 32	x 32	x 32	x 32	x 32	x 32	x 32	
		x 188	x 188	x 188	x 188	x 188	x 188	x 188	x 188	x 188	x 188	x 188	x 188	x 188	x 188	x 188	x 188	x 188	x 188	x 188	x 188	
		274	220	42	30	274	220	42	30	274	220	42	30	274	220	42	30	274	220	42	30	

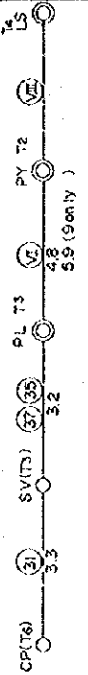
NO. 34

TAMDEM OFFICE	LOSS TOTAL	TRANSMISSION SYSTEM & LOSS		DESTINATION OFFICE	③①			③⑦			③③			③⑤		
		CP	PL		CABLE	PCM	CABLE	PCM	CABLE	PCM	CABLE	PCM	CABLE	PCM		
CP	5.9	CP 5L	30 SV 5L	21 MM 5L	0.6 PL	4 48	4 48	4 48	4 48	4 48	4 48	4 48	4 48	4 48	4 48	4 48
CP	5.9	SV 5L	30 SV 5L	21 MM 5L	0.6 PL	4 48	4 48	4 48	4 48	4 48	4 48	4 48	4 48	4 48	4 48	4 48
CP	5.0	MM 5L	30 SV 5L	21 MM 5L	0.6 PL	4 48	4 48	4 48	4 48	4 48	4 48	4 48	4 48	4 48	4 48	4 48
CP	8.8	SV 5L	30 SV 5L	21 MM 5L	0.6 PL	4 48	4 48	4 48	4 48	4 48	4 48	4 48	4 48	4 48	4 48	4 48
CP	10.0	MM 5L	30 SV 5L	21 MM 5L	0.6 PL	4 48	4 48	4 48	4 48	4 48	4 48	4 48	4 48	4 48	4 48	4 48
CP	5.0	SV 5L	30 SV 5L	21 MM 5L	0.6 PL	4 48	4 48	4 48	4 48	4 48	4 48	4 48	4 48	4 48	4 48	4 48
CP	8.0	MM 5L	30 SV 5L	21 MM 5L	0.6 PL	4 48	4 48	4 48	4 48	4 48	4 48	4 48	4 48	4 48	4 48	4 48
CP	10.2	SV 5L	30 SV 5L	21 MM 5L	0.6 PL	4 48	4 48	4 48	4 48	4 48	4 48	4 48	4 48	4 48	4 48	4 48
CP	8.3	MM 5L	30 SV 5L	21 MM 5L	0.6 PL	4 48	4 48	4 48	4 48	4 48	4 48	4 48	4 48	4 48	4 48	4 48
						4 98	4 98	4 98	4 98	4 98	4 98	4 98	4 98	4 98	4 98	4 98
					TOTAL	4614	4614	4614	4614	4614	4614	4614	4614	4614	4614	4614
					GRAND TOTAL	712	712	712	712	712	712	712	712	712	712	712
						624	624	624	624	624	624	624	624	624	624	624
						464	464	464	464	464	464	464	464	464	464	464
						236	236	236	236	236	236	236	236	236	236	236



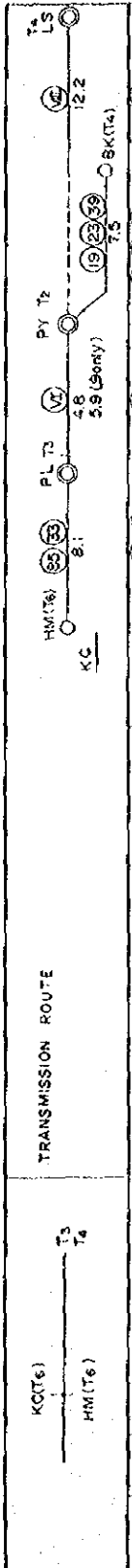
NO. 35

CP(Ts)		TRANSMISSION ROUTE		TRANSMISSION SYSTEM & LOSS		DESTINATION		CABLE PCM		CABLE PCM		CABLE PCM		CABLE PCM	
TAMDEM	LOSS	OFFICE	TOTAL	CP	SV	PL	SV	PL	SV	PL	SV	PL	SV	PL	SV
6.0	CP 65L 20 SV 155L 20 PL PCM 20 PY PCM - 1LS	LS													
9.7	65L 20 - 65L 20 - PCM 20 - 9L 27 DM	DM													
9.1	65L 20 - 65L 20 - PCM 20 - 9L 31 RID	RIO													
		TOTAL													
		GRAND TOTAL													

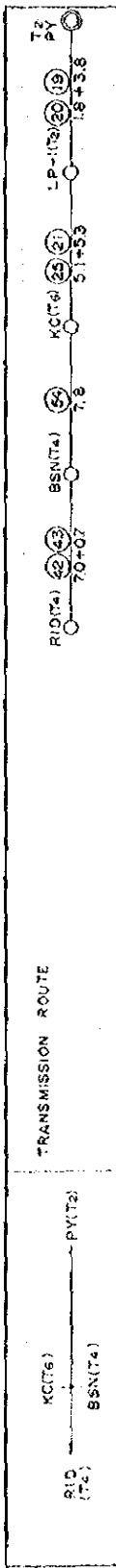




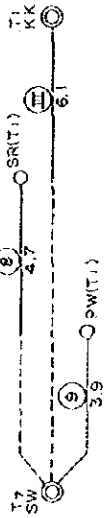
TAMDEM OFFICE	LOSS TOTAL	TRANSMISSION SYSTEM & LOSS										DESTINATION OFFICE	CABLE		PCM		CABLE		PCM		
		KC(Ts)		HM(Ts)		LP2		LP1		PY2			T4 LS		PC	CM	PC	CM	PC	CM	
KC	2.0	KC	1.0	HM	1.0	LP2	1.0	LP1	1.0	PY2	1.0	T4 LS	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	
KC	2.0	KC	1.0	HM	1.0	LP2	1.0	LP1	1.0	PY2	1.0	T4 LS	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	
KC	6.0	KC	3.0	HM	3.0	LP2	3.0	LP1	3.0	PY2	3.0	T4 LS	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	
KC	5.4	KC	2.7	HM	2.7	LP2	2.7	LP1	2.7	PY2	2.7	T4 LS	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	
KC	6.4	KC	3.2	HM	3.2	LP2	3.2	LP1	3.2	PY2	3.2	T4 LS	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	
KC	1.9	KC	0.95	HM	0.95	LP2	0.95	LP1	0.95	PY2	0.95	T4 LS	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	
HM	10.0	HM	5.0	LP2	5.0	LP1	5.0	PY2	5.0	T4 LS	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	
HM	5.5	HM	2.75	LP2	2.75	LP1	2.75	PY2	2.75	T4 LS	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	
KC	6.5	KC	3.25	HM	3.25	LP2	3.25	LP1	3.25	PY2	3.25	T4 LS	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	
KC	5.0	KC	2.5	HM	2.5	LP2	2.5	LP1	2.5	PY2	2.5	T4 LS	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	
KC	5.9	KC	2.95	HM	2.95	LP2	2.95	LP1	2.95	PY2	2.95	T4 LS	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	
KC	8.2	KC	4.1	HM	4.1	LP2	4.1	LP1	4.1	PY2	4.1	T4 LS	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	
TOTAL		108		249		35		249		35		249		35		249		35		249	
GRAND TOTAL		108		249		35		249		35		249		35		249		35		249	



TAMOCN & OFFICE	LOSS TOTAL	TRANSMISSION SYSTEM & LOSS		DESTINATION OFFICE	CABLE PCM		CABLE PCM		CABLE PCM	
		KC	HM(T6)		(55) (33)	(VI)	(19) (23) (59)	(19) (23) (59)	(VI)	
KC	4.6	KC 9L 2.1	HM 9L 2.5	PL	4.3					
KC	8.3	69L 3.8	65L 4.7	PL	3.8					
KC	8.6	9L 2.1	65L 4.5	SV	1.4					
KC	8.4	9L 2.1	9L 2.3	ASD	1.3					
KC	10.7	9L 2.1	65L 4.7	MM	6					
KC	10.4	9L 2.1	9L 2.3	KT	1.3					
HM	4.9	HM 65L 4.9	PL	PL	1.5					
HM	9.8	65NL 9.8	PL	PL	6.5					
HM	9.9	65L 4.9	5NL 4.9	SV	2.9					
HM	8.7	65L 4.7	5L 4.0	ASD	4.0					
HM	10.5	65L 4.9	65NL 5.6	MM	1.7					
HM	10.7	65L 4.7	65L 2.7	KT	1.9					
HM	4.7	HM 9L 2.7	PL PCM 2.0	LS	4.28					
HM	8.8	65L 4.7	9L 1.7	BK	1.5					
HM	7.8	9L 2.7	PCM 2.0	RID	1.9					
				TOTAL	4.96					
				GROUND TOTAL	4.287					
					1.5					
					4.7					



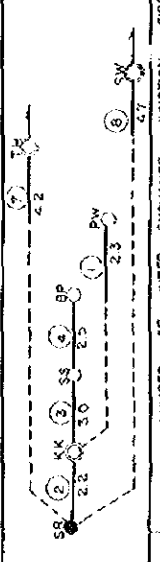
TANDEM & OFFICE	LOSS TOTAL	TRANSMISSION SYSTEM & LOSS	DESTINATION OFFICE	CABLE PCM		CABLE PCM		CABLE PCM	
				(2)(3)	(5)	(2)(2)	(2)(1)	(2)(1)	(2)(1)
K C	5.2	KC INL 5.6 BSN INL 2.6 RID	RID	x 40	x 40				
BSN	2.0	BSN PCM 2.0 KC PCM — LP PCM — PY	PY			1.4	1.4	1.4	1.4
			TOTAL	x 40	x 40				
			GRAND TOTAL	40	40	40	40	40	40



TANDEN OFFICE	LOSS TOTAL	TRANSMISSION SYSTEM & LOSS		DESTINATION OFFICE	CABLE	PCM	CABLE	PCM	CABLE	PCM
		SYSTEM	LOSS							
[S.W.]	5.6	[SW]	1.5	K K						
[S.W.]	5.6	[SW]	5.6	[K K]						
[S.W.]	9.3	[SW]	1.8	K K						
[S.W.]	2.2	[SW]	1.9	[K K]						
[S.W.]	3.8	[SW]	1.5	[K K]						
[S.W.]	3.8	[SW]	1.5	[K K]						
[S.W.]	5.6	[SW]	1.5	[K K]						
[S.W.]	5.6	[SW]	1.5	[K K]						
[S.W.]	5.6	[SW]	1.5	[K K]						
[S.W.]	11.0	[SW]	1.5	[K K]						
[S.W.]	5.3	[SW]	1.9	[K K]						
[S.W.]	10.2	[SW]	1.5	[K K]						
[S.W.]	5.9	[SW]	1.5	[K K]						
[S.W.]	4.4	[SW]	1.5	[K K]						
[S.W.]	7.1	[SW]	1.5	[K K]						
[S.P.]	28.4	[SW]	1.0	[K K]						
[S.P.]	6.4	[SW]	1.0	[K K]						
[S.P.]	5.3	[SW]	1.0	[K K]						
[T.C.]	6.2	[SW]	1.9	[K K]						
[T.C.]	7.8	[SW]	1.9	[K K]						
[T.C.]	6.4	[SW]	1.9	[K K]						
[T.C.]	6.4	[SW]	1.9	[K K]						
[T.C.]	8.8	[SW]	1.9	[K K]						
[T.C.]	10.1	[SW]	1.9	[K K]						
[T.C.]	10.3	[SW]	1.9	[K K]						
[T.C.]	8.4	[SW]	1.9	[K K]						
[T.K.]	5.3	[SW]	1.0	[K K]						
[T.K.]	3.7	[SW]	1.0	[K K]						
[T.K.]	3.7	[SW]	1.0	[K K]						
[T.K.]	10.8	[SW]	1.5	[K K]						
TOTAL										
GRAND TOTAL										

CIRCUIT ASSEMBLY LIST

TANDEM	OFFICE	TRANSMISSION ROUTE	TRANSMISSION SYSTEM & LOSS (dB) RESISTANCE (Ω)										NUMBER OF INTER-EXCHANGE	JUNCTION	CIRCUITS						
NO. 2		SAMRANRAT (S R)		DESTINATION	LOSS TOTAL	RESISTANCE	Ω	Ω	Ω	Ω	Ω	Ω	Ω	Ω	Ω	Ω	Ω	Ω	Ω	Ω	
KIND OF CIRCUIT	TAN OFFICE	OFFICE	ROUTE	Ω	Ω	Ω	Ω	Ω	Ω	Ω	Ω	Ω	Ω	Ω	Ω	Ω	Ω	Ω	Ω	Ω	
T1				33	413	33	413	33	413	33	413	33	413	33	413	33	413	33	413	33	413
TOM				33	413	33	413	33	413	33	413	33	413	33	413	33	413	33	413	33	413
TOLL				33	413	33	413	33	413	33	413	33	413	33	413	33	413	33	413	33	413
OTD				33	413	33	413	33	413	33	413	33	413	33	413	33	413	33	413	33	413
M C				33	413	33	413	33	413	33	413	33	413	33	413	33	413	33	413	33	413
				33	413	33	413	33	413	33	413	33	413	33	413	33	413	33	413	33	413
DIRECT				33	413	33	413	33	413	33	413	33	413	33	413	33	413	33	413	33	413
				33	413	33	413	33	413	33	413	33	413	33	413	33	413	33	413	33	413
TOM				33	413	33	413	33	413	33	413	33	413	33	413	33	413	33	413	33	413
				33	413	33	413	33	413	33	413	33	413	33	413	33	413	33	413	33	413
DIRECT				33	413	33	413	33	413	33	413	33	413	33	413	33	413	33	413	33	413
				33	413	33	413	33	413	33	413	33	413	33	413	33	413	33	413	33	413
TOM				33	413	33	413	33	413	33	413	33	413	33	413	33	413	33	413	33	413
				33	413	33	413	33	413	33	413	33	413	33	413	33	413	33	413	33	413
DIRECT				33	413	33	413	33	413	33	413	33	413	33	413	33	413	33	413	33	413
				33	413	33	413	33	413	33	413	33	413	33	413	33	413	33	413	33	413
TOM				33	413	33	413	33	413	33	413	33	413	33	413	33	413	33	413	33	413
				33	413	33	413	33	413	33	413	33	413	33	413	33	413	33	413	33	413
DIRECT				33	413	33	413	33	413	33	413	33	413	33	413	33	413	33	413	33	413
				33	413	33	413	33	413	33	413	33	413	33	413	33	413	33	413	33	413
TOM				33	413	33	413	33	413	33	413	33	413	33	413	33	413	33	413	33	413
				33	413	33	413	33	413	33	413	33	413	33	413	33	413	33	413	33	413
DIRECT				33	413	33	413	33	413	33	413	33	413	33	413	33	413	33	413	33	413
				33	413	33	413	33	413	33	413	33	413	33	413	33	413	33	413	33	413
TOM				33	413	33	413	33	413	33	413	33	413	33	413	33	413	33	413	33	413
				33	413	33	413	33	413	33	413	33	413	33	413	33	413	33	413	33	413
DIRECT				33	413	33	413	33	413	33	413	33	413	33	413	33	413	33	413	33	413
				33	413	33	413	33	413	33	413	33	413	33	413	33	413	33	413	33	413
TOM				33	413	33	413	33	413	33	413	33	413	33	413	33	413	33	413	33	413
				33	413	33	413	33	413	33	413	33	413	33	413	33	413	33	413	33	413
DIRECT				33	413	33	413	33	413	33	413	33	413	33	413	33	413	33	413	33	413
				33	413	33	413	33	413	33	413	33	413	33	413	33	413	33	413	33	413
TOM				33	413	33	413	33	413	33	413	33	413	33	413	33	413	33	413	33	413
				33	413	33	413	33	413	33	413	33	413	33	413	33	413	33	413	33	413
DIRECT				33	413	33	413	33	413	33	413	33	413	33	413	33	413	33	413	33	413
				33	413	33	413	33	413	33	413	33	413	33	413	33	413	33	413	33	413
TOM				33	413	33	413	33	413	33	413	33	413	33	413	33	413	33	413	33	413
				33	413	33	413	33	413	33	413	33	413	33	413	33	413	33	413	33	413
DIRECT				33	413	33	413	33	413	33	413	33	413	33	413	33	413	33	413	33	413
				33	413	33	413	33	413	33	413	33	413	33	413	33	413	33	413	33	413



CIRCUIT ASSEMBLY LIST

CIRCUIT	KIND OF TRANSMISSION	OFFICE	OFFICE	TRANSMISSION ROUTE	TRANSMISSION SYSTEM & LOSS (dB) RESISTANCE (Ω)	NUMBER OF INTER-EXCHANGE JUNCTION CIRCUITS			
						(1)	(2)	(3)	(4)
NO. 2									
T.1		SAMRANRAT (SR)							
	TDM	DESTINATION	TRANSMISSION LOSS (VOLAGE)	RESISTANCE (Ω)					
	TOLL	CIRCUIT DEM. OFFICE	5.4	165	4.4				
		PY	9.42	68	9.62				
		PY	(37) 4.5	155	4.4				
		PY	50.952	952	952				
		PY	11.0	1.0	1.0				
		PY	3.691	1.369	1.369				
	DIRECT	LPI	1.54	932	722				
		LPI	9.0	65	4.2				
		LPI	1.92	932	370				
		BS	9.9	51	2.68				
		BS	1.89	413	5.63				
	TDM	PL	5.3	5	5.3				
		PL	1.47	157	157				
		PL	8.7	30	8.7				
		MM	0.59	1.069	1.069				
		MM	7.26	1.27	9.99				
	DIRECT	KT	1.07	65	33				
		KT	1.79	735	3.9				
		SV	1.02	5	5				
		SV	1.757	1.157	6.00				
		ASD	7.3	63	32				
		ASD	1.612	735	877				
	TDM	LS	5.3	51	33				
		LS	4.12	412	412				
		BK	8.8	3	2.4				
		BK	1.94	433	5.11				
		NW	8.2	155	42				
		NW	1.908	932	4.81				
	DIRECT	RID	413	563	413				
		RID	8.0	2	1.9				
		DM	8.61	253	4.08				
	TDM	BN	5.8	65	33				
		BN	12.78	735	5.43				
		PN	1.75	63	33				
		PN	1.09	68	0.19				
		CP	1.54	67	4.26				
		HM	8.0	65	33				
		HM	1.765	735	1.03				
	DIRECT	KC	1.70	735	5.19				
		BN	8.3	65	33				
		BN	1.834	735	5.13				
		PS	6.3	65	33				
		PS	1.829	735	5.13				

CIRCUIT ASSEMBLY LIST

SS 1/2

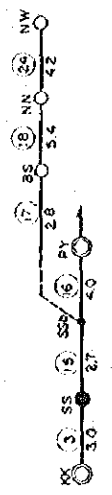


TANDEN	OFFICE	TRANSMISSION ROUTE	TRANSMISSION SYSTEM & LOSS (db) RESISTANCE (Ω)	NUMBER OF INTER-EXCHANGE JUNCTION CIRCUITS				
				(1)	(2)	(3)	(4)	(5)
T1	SAMSEN (SS)							
TDM	NO. 4	TRANSMISSION LOSS TOTAL (db) TOTAL RESISTANCE (Ω)						
		3.6	356	3.6	356	3.6	356	3.6
		3.6	356	3.6	356	3.6	356	3.6
		3.6	356	3.6	356	3.6	356	3.6
		3.6	356	3.6	356	3.6	356	3.6
		3.6	356	3.6	356	3.6	356	3.6
		3.6	356	3.6	356	3.6	356	3.6
		3.6	356	3.6	356	3.6	356	3.6
		3.6	356	3.6	356	3.6	356	3.6
		3.6	356	3.6	356	3.6	356	3.6
TDM	NO. 4	TRANSMISSION LOSS TOTAL (db) TOTAL RESISTANCE (Ω)						
		3.6	356	3.6	356	3.6	356	3.6
		3.6	356	3.6	356	3.6	356	3.6
		3.6	356	3.6	356	3.6	356	3.6
		3.6	356	3.6	356	3.6	356	3.6
		3.6	356	3.6	356	3.6	356	3.6
		3.6	356	3.6	356	3.6	356	3.6
		3.6	356	3.6	356	3.6	356	3.6
		3.6	356	3.6	356	3.6	356	3.6
		3.6	356	3.6	356	3.6	356	3.6

CIRCUIT ASSEMBLY LIST

SS 1/2

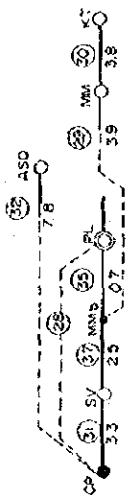
OFFICE		TRANSMISSION ROUTE			
SAMSSEN (SS)		NO. 4			
KIND OF CIRCUIT	DESTINATION OFFICE	TRANSMISSION SYSTEM & LOSS (dB) RESISTANCE (Ω)		NUMBER OF INTER-EXCHANGE JUNCTION CIRCUITS	
		LOSS TOTAL (dB)	RESISTANCE (Ω)	(5)	(6)
TDM	PY	57 65 9L 57	397	38	27
		23 9L 23	490	38	38
TOLL	PY	57 9NL 57	397	62	52
		107 9NL 57 50M	619	17	17
DIRECT	LP1	54 9L 21 55L 33P	722	8	8
		59 9L 21 55L 31 9L 17.1P	522	13	13
		47 9NL 47 85	326	37	37
		56 55NL 36 50M 20 PCM 5	356	20	20
TDM	DM	58 55L 19 9L 19 PCM 20 PCM	809	23	23
		81 5L 30 PCM 20 PCM 9L 31 663	637	12	12
DIRECT	NW	72 9L 18 9L 18 9NL 3.6M	1008	42	42
		64 9L 21 63 94.8K	619	25	25
TDM	SW	53 85 9L 55L 36M	185	4	4
		110 55NL 36 65NL 7.2	1080	63	63
DIRECT	TC	58 55NL 36 9L 20 9L 42 Pc	1711	6	6



CIRCUIT ASSEMBLY LIST

C.P. 1/3

STANDARD	OFFICE	TRANSMISSION ROUTE	TRANSMISSION SYSTEM & LOSS (dB) RESISTANCE (Ω)			NUMBER OF INTER-EXCHANGE JUNCTION CIRCUITS			
			DESTINATION OFFICE	LOSS TRANSMISSION	RESISTANCE LOSS		TOTAL		
T6	CHAIYAPRUK (C.P)								
	NO. 9								
TDM	T6	K K	5.2 CP	55.38 A	91.14 K	—			
			13.9	63.3	30.6	—			
			7.7	65.38	31.59	—			
			169.0	8.30	857	—			
			3.5	51.2	91.14	—			
			7.3	4.47	305	—			
			9.6	51.59	5N1.2.7 PM	—			
			176.1	13.11	490	—			
			10.9	62.20 SV	501.20 PM	65NL 6.5			
			154.1	4.38	425	677 15K			
			1882	65L 3.8 P	5.37 K	91.11 55			
			1893	8.33	827 K	222 55			
			8.7	65L 3.8	55L 2.4	5.09 65L 1.6 RP			
			1893	8.33	531	192 333			
			5.9 CP	51.30 SV	51.21 MM	5.08			
TDM	T6	P L	131.1	665	481.16	165			
			9.9	5N1.5.0	5N1.5.8	5N1.1.1			
			121.2	619	469	131			
			5.0	5N1.5.0	—	—			
			619	619	—	—			
			9.4	65NL 9.4 MC	—	—			
			926	926	—	—			
			8.5	5N1.5.0 SV	65L 1.6 MM	65L 2.3 MM			
			147.0	619	339	312 5M			
			10.0	5N1.5.0	65L 1.6	65L 2.1			
			172.0	619	339	482 280			
			DIRECT	T6	K K	3.6 SV	3.6 MM	3.6 PM	—
						100	100	100	—
						—	—	—	—
						—	—	—	—
—	—	—				—			
—	—	—				—			
—	—	—				—			
—	—	—				—			
—	—	—				—			
—	—	—				—			
—	—	—				—			
—	—	—				—			
—	—	—				—			
—	—	—				—			
DIRECT	T6	P W				112 SV	112 B	112 PM	—
			208	208	208	—			
			—	—	—	—			
			—	—	—	—			
			—	—	—	—			
			—	—	—	—			
			—	—	—	—			
			—	—	—	—			
			—	—	—	—			
			—	—	—	—			
			—	—	—	—			
			—	—	—	—			
			—	—	—	—			
			—	—	—	—			
			DIRECT	T6	S R	208	208	208	—
—	—	—				—			
—	—	—				—			
—	—	—				—			
—	—	—				—			
—	—	—				—			
—	—	—				—			
—	—	—				—			
—	—	—				—			
—	—	—				—			
—	—	—				—			
—	—	—				—			
—	—	—				—			
—	—	—				—			
DIRECT	T6	S S				24	24	24	—
			—	—	—	—			
			—	—	—	—			
			—	—	—	—			
			—	—	—	—			
			—	—	—	—			
			—	—	—	—			
			—	—	—	—			
			—	—	—	—			
			—	—	—	—			
			—	—	—	—			
			—	—	—	—			
			—	—	—	—			
			—	—	—	—			
			DIRECT	T6	S V	48 SV	48 MM	48 PM	—
180	180	180				—			
—	—	—				—			
—	—	—				—			
—	—	—				—			
—	—	—				—			
—	—	—				—			
—	—	—				—			
—	—	—				—			
—	—	—				—			
—	—	—				—			
—	—	—				—			
—	—	—				—			
—	—	—				—			



NO. 46

CIRCUIT ASSEMBLY LIST

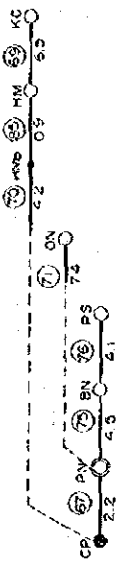
CP 2/3

TANDUM	OFFICE	TRANSMISSION ROUTE	TRANSMISSION SYSTEM & LOSS (dB) RESISTANCE (Ω)	NUMBER OF INTER-EXCHANGE JUNCTION CIRCUITS													
				CP	SV	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM		
T6	CHAIYAPRUK (CP)			CP	SV	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
KIND OF MAIN CIRCUIT	DESTINATION OFFICE	LOSS (dB)	RESISTANCE (Ω)	CP	SV	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
TDM	PY	5.3	91.24	65.29													
	PY	1.3	330	623													
	IM	7.9	851.45	91.14													
	SS	17.4	994	308													
	SS	8.3	91.24	65.29													
	SS	92.6	530	494													
	LP1	8.4	91.24	65.29													
	LP1	8.4	91.24	65.29													
	LP2	8.6	91.24	65.29													
	LP2	1900	530	308													
	LS	6.0	661.20	55.20													
	LS	84	438	308													
	DM	9.7	961.20	65.29													
	DM	8647	586	428													
	R10	9.1	860.20	65.29													
	R10	8647	683	426													
	BK	8.3	65.29	65.29													
	BK	813	994	308													
	NW	7.7	91.24	65.29													
	NW	663	530	308													
	NW	5.9	65.29	65.29													
	NW	7.7	91.24	65.29													
	NW	663	530	308													
	NW	314	427	231													
	TH	183	110	91.24													
	TH	477	494	477													
	TH	81	951.20	65.29													
	TH	915	438	308													
	TH	60	651.20	65.29													
	TH	308	438	308													
	SW	8.0	65.29	65.29													
	SW	777	438	308													
	SW	9.5	51.20	65.29													
	SW	658	665	309													
	TC	0.2	651.20	65.29													
	TC	5.61	438	309													
	SP																
	SP																

NO.47

CIRCUIT ASSEMBLY LIST

TANDON	OFFICE	TRANSMISSION ROUTE	TRANSMISSION SYSTEM & LOSS(ED) RESISTANCE (Ω)	NUMBER OF INTER-EXCHANGE	JUNCTION	CIRCUITS
T 6	CHAIYAPRUK (CP)					
	NO. 9					
KIND OF CIRCUIT	DESTINATION OFFICE	TRANSMISSION LOSS TOTAL (Ω)	RESISTANCE (Ω)	NUMBER OF INTER-EXCHANGE	JUNCTION	CIRCUITS
TDM T 6	PN	3.3	3.3	57	70	51
DIRECT	PN	4.2	4.2			
TOLL	PN	4.2	4.2			
M.C.	PN	4.2	4.2			
DIRECT	BN	10.1	10.1			
	PS	9.5	9.5			
	ON	9.5	9.5			
	HM	6.2	6.2			
	KC	10.2	10.2			
		146.3	146.3			



CIRCUIT ASSEMBLY LIST



TANDON	OFFICE	TRANSMISSION ROUTE	TRANSMISSION SYSTEM & LOSS (dB) RESISTANCE (Ω)		NUMBER OF INTER-EXCHANGE JUNCTION CIRCUITS				
			DESTINATION OFFICE	TRANSMISSION LOSS TOTALS RESISTANCE TOTAL	(K)	(X)	(M)	(P)	
T3	MAHAMEK (MM)								
			NO. 10						
TDM	(K)	65 27 65 26	53	1160	7	8	7		
TOLL	(K)	99 15 91 14	29	325	33				
OTC	(K)	9 15 9 14	29	325					
	(K)	65 27 65 26	103	325	6				
	(K)	65 27 65 26	100	325	34				
DIRECT	B P	65 27 65 26	1828	531	16				
	S R	65 27 65 26	1726	531	108				
	P W	65 27 65 26	996	531	63				
TDM	(P)	65 27 65 26	59	599	17	9	17		
TOLL	(P)	9 15 9 14	34	395	38				
	(P)	65 27 65 26	101	551					
DIRECT	B S	65 27 65 26	1895	593					
	L P	65 27 65 26	1914	593					
	L P2	65 27 65 26	1921	593					
TDM	(L S)	65 27 65 26	529	623	20	20	20		
DIRECT	R I D	65 27 65 26	625	623					
	B K	65 27 65 26	1856	623					
	N W	65 27 65 26	1709	623					

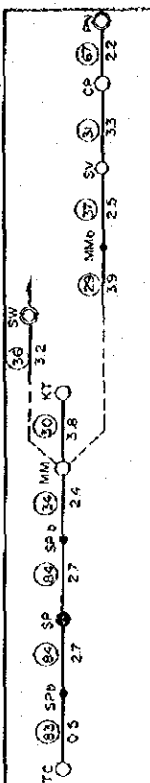
CIRCUIT ASSEMBLY LIST



TANDON	OFFICE	TRANSMISSION ROUTE	NO. TO	TRANSMISSION SYSTEM * LOSS(100) RESISTANCE LOU		NUMBER OF INTER-EXCHANGE JUNCTION CIRCUITS	
				LOSS TOTAL(20)	RESISTANCE TOTAL (20)		
T-3	MANAMEK (MM)		NO. TO	58	SN 25	SN 25	SW 31
				1282	SN 646	SN 636	TH 1
				94	SN 48	SN 46	CN 7
				1603	SN 800	SN 1003	DK 16
				87	SN 25	SN 14	PD 15
				1933	SN 646	SN 973	SW 13
DIRECT			NO. TO	102	SN 48	SN 25	SW 138
				1773	SN 600	SN 537	TK 13
				90	SN 29	SN 14	TC 53
				1978	SN 646	SN 11	SP 16
				49	SN 49	SN 314	SW 6
				600	SN 600	SN 237	SW 13
DIRECT			NO. TO	59	SN 59	SN 59	SW 138
				600	SN 600	SN 49	TK 13
				38	SN 49	SN 1080	TC 53
				1680	SN 600	SN 1080	SP 16
				25	SN 25	SN 172	SW 6
				172	SN 172	SN 44	SW 138
T-3	MANAMEK (MM)		NO. TO	44	SN 44	SN 44	TC 53
				302	SN 302	SN 302	SP 16

CIRCUIT ASSEMBLY LIST

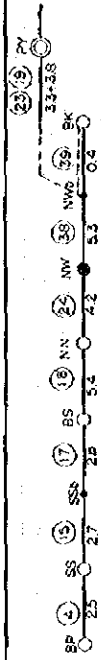
SP 1/1



TANDARD	OFFICE	TRANSMISSION ROUTE	TRANSMISSION SYSTEM & LOSS (dB) RESISTANCE (Ω)		NUMBER OF INTER-EXCHANGE JUNCTION CIRCUITS	
			TRANSMISSION LOSS TOTAL LOSS (dB) RESISTANCE (Ω)	TRANSMISSION LOSS (dB) RESISTANCE (Ω)	(6)	(7)
T7	SATHUPRADIT (SP)	NO.11				
KIND OF CIRCUIT	DESTINATION OFFICE	TRANSMISSION LOSS TOTAL LOSS (dB) RESISTANCE (Ω)	TRANSMISSION LOSS (dB) RESISTANCE (Ω)	NUMBER OF INTER-EXCHANGE JUNCTION CIRCUITS		
TDM	XX	(46) 7.9 9L 1.6 3.7 5.1 2.7 5.1 3.5 4.1	9L 1.6 3.7 5.1 2.7 5.1 3.5 4.1	39 39	39	39
TOLL	XX	(42) 6.3 9L 1.6 3.7 5.1 2.7 5.1 3.5 4.1	9L 1.6 3.7 5.1 2.7 5.1 3.5 4.1	21 21	21	21
QTD	XX	(42) 6.3 9L 1.6 3.7 5.1 2.7 5.1 3.5 4.1	9L 1.6 3.7 5.1 2.7 5.1 3.5 4.1	5 5	5	5
TDM	PY	(49) 8.5 9L 1.6 3.7 5.1 2.7 5.1 3.5 4.1	9L 1.6 3.7 5.1 2.7 5.1 3.5 4.1	23 23	23	23
TOLL	PI	(42) 6.6 9L 1.6 3.7 5.1 2.7 5.1 3.5 4.1	9L 1.6 3.7 5.1 2.7 5.1 3.5 4.1	24 24	24	24
TDM	PL	5.5 9L 1.6 3.7 5.1 2.7 5.1 3.5 4.1	9L 1.6 3.7 5.1 2.7 5.1 3.5 4.1	21 21	21	21
DIRECT	MM	4.4 9M 4.4		16 16		
TDM	KT	7.65 9L 1.6 3.7 5.1 2.7 5.1 3.5 4.1	9L 1.6 3.7 5.1 2.7 5.1 3.5 4.1	15 15	15	15
TDM	LS	(42) 6.5 9L 1.6 3.7 5.1 2.7 5.1 3.5 4.1	9L 1.6 3.7 5.1 2.7 5.1 3.5 4.1	18 18	18	18
TDM	TH	5.9 9L 1.6 3.7 5.1 2.7 5.1 3.5 4.1	9L 1.6 3.7 5.1 2.7 5.1 3.5 4.1	24 24	24	24
TDM	PN	1.37 9L 1.6 3.7 5.1 2.7 5.1 3.5 4.1	9L 1.6 3.7 5.1 2.7 5.1 3.5 4.1	35 35	35	35
DIRECT	CP	10.2 9M 4.4 3.02 5.1 2.7 5.1 3.5 4.1	9M 4.4 3.02 5.1 2.7 5.1 3.5 4.1	12 12	12	12
NC	PN	1.37 9L 1.6 3.7 5.1 2.7 5.1 3.5 4.1	9L 1.6 3.7 5.1 2.7 5.1 3.5 4.1	4 4	4	4
TDM	SW	(3.8) 4.5 9L 1.6 3.7 5.1 2.7 5.1 3.5 4.1	9L 1.6 3.7 5.1 2.7 5.1 3.5 4.1	236 236	236	236
DIRECT	SW	9.3 9M 4.4 3.02 5.1 2.7 5.1 3.5 4.1	9M 4.4 3.02 5.1 2.7 5.1 3.5 4.1	56 56	56	56
DIRECT	TC	2.7 9M 4.4 3.02 5.1 2.7 5.1 3.5 4.1	9M 4.4 3.02 5.1 2.7 5.1 3.5 4.1	19 19	19	19

NO. 52

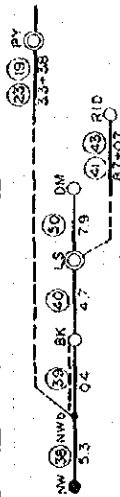
CIRCUIT ASSEMBLY LIST



TANDA	OFFICE	TRANSMISSION ROUTE	NO. 12		TRANSMISSION SYSTEM & LOSS (d) RESISTANCE (d)		NUMBER OF		RIFTS - EXCHANGE		JUNCTION		CIRCUITS	
			DESTINATION OFFICE	LOSS TOTAL (d) RESISTANCE TOTAL (d)	RESISTANCE TOTAL (d)	RESISTANCE TOTAL (d)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
T4	NGAMWONGWAN (NW)													
TDM	KK	9L 3.8 825	9L 1.9 KK											
OTD	KK	9L 3.8 825	9L 1.9											
	SR	9L 1.8 408	9L 2.2 408											
	PW	9L 1.8 408	9L 2.2 408											
DIRECT	SS	9L 3.5 825	9L 1.8 408											
	BP	9L 2.2 408	9L 1.8 408											
	KK	9L 1.8 408	9L 1.8 408											
DIRECT	BS	9L 3.5 825	9L 1.8 408											
	NN	9L 3.5 825	9L 1.8 408											
TDM	PL	9L 3.8 825	9L 1.9											
DIRECT	MM	9L 3.8 825	9L 1.9											
	KT	9L 3.8 825	9L 1.9											
TDM	PN	9L 3.8 825	9L 1.9											
DIRECT	CP	9L 3.8 825	9L 1.9											

CIRCUIT ASSEMBLY LIST

NW 2/2



TANDARD	OFFICE	TRANSMISSION ROUTE	TRANSMISSION SYSTEM LOSS (dB) RESISTANCE LU	NUMBER OF INTER-EXCHANGE	JUNCTION	CIRCUITS
T4	NGAMWONGWAN (NW)					
		NO. 12				
KIND OF CIRCUIT	DESTINATION	TRANSMISSION LOSS TO DESTINATION RESISTANCE LU				
TDM	PY	40 NW 855	9L 4.0	42 NW 3	42 NW	42 NW
	PY	61	9L 1.8	395 BK	55	55
	IM	1394	9L 1.8	2382	23	23
DIRECT	LP1	1746	9L 1.7		14	14
	LP2	1520	9L 2.1		12	12
TDM	LS	1887	9L 1.7			
	LS	785	9L 1.8			
TOLL	LS	34	9L 1.8			
MC	LS	725	9L 1.8			
	DM	45	9L 1.8			
DIRECT	R1D	1006	9L 1.8			
	BK	90	9L 1.8			
TDM	TH	1982	9L 1.8			
	TH	73	9L 1.8			
DIRECT	BC	1609	9L 4.0			
	DK	49	9L 4.0			
DIRECT	PO	337	9L 4.0			
	KC	855	9L 4.0			
TDM	SW	88	9L 2.1			
	SW	1929	9L 3.8			
DIRECT	DK	93	9L 4.0			
	DK	855/714	9L 4.0			
DIRECT	PO	855/849	9L 4.0			
	PO	855/804	9L 4.0			
DIRECT	KC	60	9L 2.3			
	SW	855	9L 3.8			
TDM	SW	1323	9L 3.8			
DIRECT	SW	80	9L 3.8			
	SW	1737	825			

NO. 54

CIRCUIT ASSEMBLY LIST

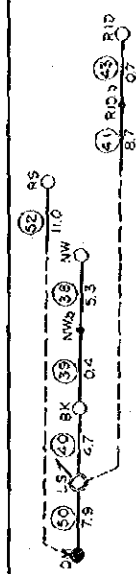


TANDM	OFFICE	TRANSMISSION ROUTE	TRANSMISSION SYSTEM & LOSS (dB) RESISTANCE (Ω)			NUMBER OF INTER-EXCHANGE JUNCTION CIRCUITS		
			DESTINATION	LOSS TOTAL AND	RESISTANCE	OFFICE	RESISTANCE	RESISTANCE
T5	PHRAPRADEANG (PD)							
			NO. 13					
KIND OF CIRCUIT	DESTINATION OFFICE	LOSS TOTAL AND RESISTANCE (dB)	RESISTANCE (Ω)					
DIRECT	KK	9.4	9L 1.2	263	3.8	3.7	2.1	
	SR	10.2	9L 2.4	263	3.8	3.7	2.1	
	BP	7.9	9L 3.8	237	3.8	3.7	2.1	
	PW	10.7	9L 2.4	237	3.8	3.7	2.1	
	SS	10.8	9L 2.4	263	3.8	3.7	2.1	
TDM	KK	5.6	9L 2.4	263	3.8	3.7	2.1	
	KK	1.95	9L 2.4	263	3.8	3.7	2.1	
OTD	KK	4.5	9L 2.4	263	3.8	3.7	2.1	
	PY	(60) 8.8	9L 2.4	263	3.8	3.7	2.1	
	SS	(10.4) 11.2	9L 2.4	263	3.8	3.7	2.1	
DIRECT	IM	(8.2) 11.0	9L 2.4	263	3.8	3.7	2.1	
	LP2	9.3	9L 2.4	263	3.8	3.7	2.1	
TDM	PY	8.0	9L 2.4	263	3.8	3.7	2.1	
	PL	(60) 8.8	9L 2.4	263	3.8	3.7	2.1	
	MM	9.0	9L 2.4	263	3.8	3.7	2.1	
DIRECT	ASO	10.0	9L 2.4	263	3.8	3.7	2.1	
	SV	(9.1) 11.9	9L 2.4	263	3.8	3.7	2.1	
	KT	9.6	9L 2.4	263	3.8	3.7	2.1	
TDM	PL	8.0	9L 2.4	263	3.8	3.7	2.1	
	NW	8.0	9L 2.4	263	3.8	3.7	2.1	
DIRECT	DM	8.5	9L 2.4	263	3.8	3.7	2.1	
	BK	(8.5) 11.4	9L 2.4	263	3.8	3.7	2.1	
TDM	SS	5.8	9L 2.4	263	3.8	3.7	2.1	
	TH	2.0	9L 2.4	263	3.8	3.7	2.1	
DIRECT	BC	5.3	9L 2.4	263	3.8	3.7	2.1	
	DK	7.4	9L 2.4	263	3.8	3.7	2.1	
	RB	4.6	9L 2.4	263	3.8	3.7	2.1	

CIRCUIT ASSEMBLY LIST

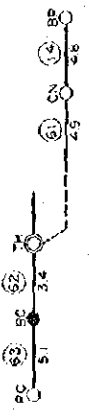
TANOOK	OFFICE	TRANSMISSION ROUTE	TRANSMISSION SYSTEM & LOSS (dB) RESISTANCE (Ω)	NUMBER OF		INTER-EXCHANGE		JUNCTION		CIRCUITS	
				TR	PO	TR	PO	TR	PO	TR	PO
T5	PHRAPRADAENG (PD)										
			NO. 13								
KIND OF	DESTINATION	TRANSMISSION	LOSS TOTAL (dB)	RESISTANCE							
CIRCUIT	OFFICE	SYSTEM	TOTAL (Ω)								
TDM	TR	PCM 2.0	2.0								
MC	TR	PCM 2.0	2.0								
TOLL	TR	PCM 2.0	2.0								
	PN	PCM 2.0	6.8	55L 2.4	537	59	59	59	59	59	59
	CP	PCM 2.0	149.4	55L 2.4	537	14	14	14	14	14	14
	BN	PCM 2.0	1494.77	55L 2.4	537	14	14	14	14	14	14
	KN	PCM 2.0	1494.77	55L 2.4	537	14	14	14	14	14	14
DIRECT	KC	PCM 2.0	1494.77	55L 2.4	537	14	14	14	14	14	14
	PS	PCM 2.0	1494.77	55L 2.4	537	14	14	14	14	14	14
	SPK	PCM 2.0	1494.77	55L 2.4	537	14	14	14	14	14	14
	HM	PCM 2.0	1494.77	55L 2.4	537	14	14	14	14	14	14
TDM	PN	PCM 2.0	1494.77	55L 2.4	537	14	14	14	14	14	14
	SW	PCM 2.0	1494.77	55L 2.4	537	14	14	14	14	14	14
DIRECT	TC	PCM 2.0	1494.77	55L 2.4	537	14	14	14	14	14	14
	SW	PCM 2.0	1494.77	55L 2.4	537	14	14	14	14	14	14
TDM	SW	PCM 2.0	1494.77	55L 2.4	537	14	14	14	14	14	14

CIRCUIT ASSEMBLY LIST



TANDEM	OFFICE	TRANSMISSION ROUTE	TRANSMISSION SYSTEM & LOSS (dB) RESISTANCE LOSS		NUMBER OF INTER-EXCHANGE	JUNCTION	CIRCUITS
			SYSTEM	LOSS (dB)			
T ₂	DONMANG EX (DM)						
			NO. 14				
KIND OF CIRCUIT	DESTINATION OFFICE	TRANSMISSION SYSTEM	LOSS (dB)	RESISTANCE LOSS	NUMBER OF INTER-EXCHANGE	JUNCTION	CIRCUITS
TDM	KK	PCM-20	9L 2.1	KK	39	40	39
DIRECT	KK	PCM-20	9L 2.1	KK	34	34	34
OTD	KK	PCM-20	9L 2.1	KK	5	5	5
DIRECT	SR	PCM-20	9L 1.8	5L 2.1	56	56	56
TDM	SS	PCM-20	9L 1.8	5L 1.9	23	23	23
	PV	PCM-20	9L 1.8	40.1	27	27	27
	PV	PCM-20	9L 1.8	40.1	56	56	56
	BS	PCM-20	9L 2.4	9L 1.0	24	24	24
	IM	PCM-20	9L 2.4	209	6	6	6
	LP-2	PCM-20	9L 1.8	9L 1.7	26	26	26
TDM	PL	PCM-20	9L 2.1	383	21	21	21
	PL	PCM-20	9L 2.1	438	26	26	26
	LS	9L 2.1	438	27	27	27	27
DIRECT	LS	9L 2.1	438	27	27	27	27
	LS	9L 2.1	438	27	27	27	27
	LS	9L 2.1	438	27	27	27	27
	LS	9L 2.1	438	27	27	27	27
	NW	65L 2.6	9L 1.8	395	19	19	19
	BK	65L 2.6	9L 1.8	395	30	30	30
DIRECT	RS	9L 2.1	438	27	15	15	15
	RID	9L 2.1	438	27	15	15	15
TDM	TH	PCM-20	9L 2.1	438	39	39	39
DIRECT	TH	PCM-20	9L 2.1	438	19	19	19
	PD	PCM-20	9L 2.1	438	12	12	12
TDM	PN	PCM-20	9L 2.1	438	35	35	35
DIRECT	CP	PCM-20	9L 2.1	438	28	28	28
	KC	PCM-20	9L 2.1	438	18	18	18

CIRCUIT ASSEMBLY LIST



KIND OF CIRCUIT	DESTINATION OFFICE	LOSS TOTAL (DB)	RESISTANCE (DB)	TRANSMISSION SYSTEM & LOSS (DB) RESISTANCE (C)	NUMBER OF	
					INTER-EXCHANGE	JUNCTION CIRCUITS
T5	BANGCAE (BC)	NO. 17				
	KK	1.438	714	5L 3.3, 5SN 7.4, 5L 7.4	89	30
	SR	1.502	714	5L 3.3, 5NL 6.4	92	
	BP	1.612	714	5L 3.3, 5L 2.2, 5SN 2.8, 5L 2.8	15	16
	PW	1.899	714	5L 3.3, 5SN 3.6, 5SN 3.5, 5L 4.3	35	
	KK	1.053	714	5L 3.3, 5L 2.0	14	
	KK	1.053	714	5L 3.3, 5L 2.0	14	
	PY	1.769	714	5L 3.3, 5SN 2.9, 5L 2.9, 5L 2.9	100	12
	BS	1.912	714	5L 3.3, 5L 2.5, 5L 1.5, 5L 2.2	13	
	PY	1.712	714	5L 3.3, 5L 2.0, 5L 2.0	23	
	TH	1.209	714	5L 3.3, 5L 1.4, 5L 1.2	32	
	NW	1.714/895	714	5L 3.3, 5L 3.3, 5L 2.0, 5L 2.0	7	
	BK	1.714/541	714	5L 3.3, 5L 2.0, 5L 2.0	12	
	TH	1.714	714	5L 3.3, 5L 2.0, 5L 2.0	25	
	TH	1.338	714	5L 3.3, 5L 2.0	56	
	PD	1.714	714	5L 3.3, 5L 2.0, 5L 2.0	17	
	PC	1.502	714	5L 3.3, 5L 2.0, 5L 2.0	14	
	CN	1.541	714	5L 3.3, 5L 2.0, 5L 2.0	20	
	DK	1.022	714	5L 3.3, 5L 2.0, 5L 2.0	27	
	TH	1.209	714	5L 3.3, 5L 2.0, 5L 2.0	302	
	TH	1.209	714	5L 3.3, 5L 2.0, 5L 2.0	59	
	TH	1.209	714	5L 3.3, 5L 2.0, 5L 2.0	5	
	TH	1.209	714	5L 3.3, 5L 2.0, 5L 2.0	42	
	SW	1.641	714	5L 3.3, 5L 2.0, 5L 2.0	54	
	TC	1.771	714	5L 3.3, 5L 2.0, 5L 2.0	5	
	SW	1.320	714	5L 3.3, 5L 2.0, 5L 2.0	23	

CIRCUIT ASSEMBLY LIST



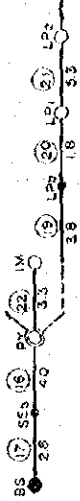
TANDEM	OFFICE	TRANSMISSION ROUTE	TRANSMISSION SYSTEM % LOSS (SD) RESISTANCE (Ω)		NUMBER OF	INTER-EXCHANGE	JUNCTION	CIRCUITS
			DESTINATION	LOSS TOTAL (Ω)				
Ts	DAOKANONG (DK)							
			NO. 18					
KIND OF CIRCUIT	DESTINATION OFFICE	TRANSMISSION LOSS TOTAL (Ω)	RESISTANCE (Ω)	RESISTANCE (Ω)				
DD	KK	1.00	55L 6.2	55L 3.8	KK			
		1.583	769	814				
	SR	1.03	5L 3.9	55L 6.2	SR			
		1.637	849	788				
	PP	8.4	9L 1.4	5L 4.2	PP			
		1.859	293	843				
	PW	9.6	55L 2.5	55L 3.5	PW			
		1.752	337	784				
	SS	1.09	5L 3.7	55L 3.6	SS			
		1.959	819	784				
	KK	4.5	55L 2.5	9L 2.0	KK			
		9.58	537	421				
	KK	9.4	9L 1.4	9L 2.0	KK			
		7.14	253	421				
	PY	8.1	55L 2.5	9L 1.4	PY			
		1.783	337	314				
	SS	9.0	9L 1.4	55L 4.0	SS			
		1.974	293	314				
	LP2	8.2	9L 1.4	9L 2.1	LP2			
		1.804	293	314				
	PV	5.7	5L 3.7	PCM 2.0	PV			
		8.49	349	—				
	PL	8.9	55L 2.5	5L 4.2	PL			
		1.965	337	943				
	MM	10.2	55L 2.5	55L 2.9	MM			
		1.773	337	606				
	SV	6.1	9L 1.4	55L 2.7	SV			
		1.770	293	806				
	KT	8.9	55L 2.5	9L 1.4	KT			
		1.979	337	314				
	PL	4.7	55L 2.7	PCM 2.0	PL			
		5.67	567	—				
	NW	8.9	5L 3.9	PCM 2.0	NW			
		849/855	845	855				
	BK	8.5	5L 3.9	PCM 2.0	BK			
		849/841	849	541				
	LS	5.9	5L 3.9	PCM 2.0	LS			
		849	849	—				
	TH	6.2	55L 6.2	—	TH			
		7.69	769	—				
	PD	9.1	55NL 4.5	55NL 4.5	PD			
		890	439	451				
	BC	10.2	55NL 5.0	5NL 5.2	BC			
		1123	467	538				
	CN	10.8	5NL 6.2	5L 4.6	CN			
		1172	769	1003				
	RS	4.5	55NL 4.5	—	RS			
		439	439	—				
	EC	4.80	9NL 6.9	—	EC			
		5.9	460	—				
	TH	9.49	5L 3.9	—	TH			
		849	849	—				

CIRCUIT ASSEMBLY LIST



TRANSDM	OFFICE	TRANSMISSION ROUTE	TRANSMISSION SYSTEM & LOSS (B) RESISTANCE LU		NUMBER OF INTER-EXCHANGE JUNCTION CIRCUITS	
			TRANSMISSION LOSS TOTAL (B) RESISTANCE LU	TRANSMISSION SYSTEM RESISTANCE LU	59	60
T5	DAOKANONG (DK)					
KIND OF CIRCUIT	DESTINATION OFFICE	TRANSMISSION LOSS TOTAL (B) RESISTANCE LU	TRANSMISSION SYSTEM RESISTANCE LU	59	60	
M C	TH	5.0	5.0			
TOLL	TH	4.7	4.7			
		3.9	3.9			
		849	849			
	PN	82	5.1			
		799	799			
DIRECT	PS	67	5.1			
		855	855			
	HM	8.5	5.1			
		579	579			
		849	849			
TDM	PN	5.5	5.1			
		849	849			
	SW	8.1	5.1			
		1792	1792			
DIRECT	TC	8.3	5.1			
		1833	1833			
	SW	5.4	5.1			
		1173	1173			

CIRCUIT ASSEMBLY LIST



TANDEM	OFFICE	TRANSMISSION ROUTE	TRANSMISSION SYSTEM & LOSS (10) RESISTANCE (2)		NUMBER OF INTER-EXCHANGE JUNCTION CIRCUITS	
			OFFICE	RESISTANCE	(17)	(18)
T2	BANGSUE (B S)					
			NO. 19			
			TRANSMISSION LOSS TOTAL (1)			
			RESISTANCE TOTAL (4)			
TDM			3.4	51	10	42
			733	209	524	2.4
			3.4	51	10	42
			733	209	524	2.4
			733	209	524	2.4
DIRECT			54	10	55	2.4
			83	209	524	2.4
			425	209	524	2.4
			80	10	55	2.4
			1765	209	524	2.4
TDM			50	10	55	2.4
			326	209	524	2.4
			73	10	55	2.4
			1657	209	524	2.4
			92	10	55	2.4
			1303	209	524	2.4
DIRECT			72	10	55	2.4
			1722	209	524	2.4
			145	10	55	2.4
			1895	209	524	2.4
			83	10	55	2.4
TDM			50	10	55	2.4
			277	209	524	2.4
			70	10	55	2.4
			1515	209	524	2.4
M.C			60	10	55	2.4
			277	209	524	2.4
DIRECT			495	209	524	2.4
			733	209	524	2.4
TDM			54	10	55	2.4
			733	209	524	2.4
			83	10	55	2.4
			1826	209	524	2.4
			91	10	55	2.4
			1974	209	524	2.4
DIRECT			54	10	55	2.4
			733	209	524	2.4
			94	10	55	2.4
			733	209	524	2.4
			85	10	55	2.4
			1874	209	524	2.4

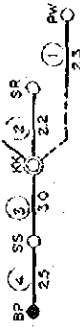
CIRCUIT ASSEMBLY LIST



TANDON	OFFICE	TRANSMISSION ROUTE	KIND OF CIRCUIT	DESTINATION OFFICE	TRANSMISSION LOSS TO OFFICE (dB)	LOSS TO OFFICE (dB)	RESISTANCE (Ω)	SYSTEM LOSS (dB)	LOSS (dB)	RESISTANCE (Ω)	NUMBER OF		INTER-EXCHANGE		JUNCTION		CIRCUITS						
											TH	A	TH	A	TH	A							
T2	BANGSUE (BS)	NO. 19	TDM	TH	59	1277	209	9L 1.0	5L 1.2	9L 2.1	9L 1.6	TH	31	258	31	258	31	258	31	258			
				TH	58	1711	209	9L 1.0	5L 1.2	65L 4.0	9L 1.6	TH	24	24	24	24	24	24	24	24	24		
				PD	102	1112	209	9L 1.0	5L 1.2	PCM 2.0	PCM 2.0	PCM 2.0	PCM 2.0	PCM 2.0	PCM 2.0	PCM 2.0	PCM 2.0	PCM 2.0	PCM 2.0	PCM 2.0	PCM 2.0	PCM 2.0	
				DK	90	450/50	209	9L 1.0	5L 1.2	285	65L 4.0	9L 1.4	9L 1.4	9L 1.4	DX	13	13	13	13	13	13	13	13
				BC	107	1974	209	9L 1.0	5L 1.2	256	65L 4.0	9L 1.4	9L 1.4	9L 1.4	BC	13	13	13	13	13	13	13	13
				CN	100	1912	209	9L 1.0	5L 1.2	286	65L 4.0	9L 1.4	9L 1.4	9L 1.4	CN	12	12	12	12	12	12	12	12
				SW	53	737/1003	209	9L 1.0	5L 1.2	524	65L 2.2	9L 2.3	9L 2.3	9L 2.3	SW	27	27	27	27	27	27	27	27
				SW	54	1201	209	9L 1.0	5L 1.2	494	65L 2.2	65L 2.2	65L 2.2	65L 2.2	SW	60	60	60	60	60	60	60	60
				TC	85	1635	209	9L 1.0	5L 1.2	494	9L 2.1	9L 2.1	9L 2.1	9L 2.1	TC	12	12	12	12	12	12	12	12
				TC	85	1667	209	9L 1.0	5L 1.2	256	468	468	468	468	TC	12	12	12	12	12	12	12	12

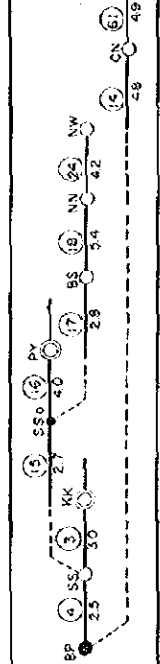
CIRCUIT ASSEMBLY LIST

TANDEM	OFFICE	TRANSMISSION ROUTE	TRANSMISSION SYSTEM & LOSS (db) RESISTANCE IN		NUMBER OF		INTER-EXCHANGE		JUNCTION		CIRCUITS	
			DESTINATION	TRANSMISSION LOSS TOTAL	RESISTANCE TOTAL	OFFICE	OFFICE	OFFICE	OFFICE	OFFICE	OFFICE	OFFICE
T1	BANGLAD (B P)											
			NO. 20									
			TRANSMISSION LOSS TOTAL	RESISTANCE TOTAL	OFFICE	OFFICE	OFFICE	OFFICE	OFFICE	OFFICE	OFFICE	OFFICE
			3.5	16	19							
			7.40	339	401							
			8.24	338	371							
			10.22	453	353							
			3.5	16	19							
			7.40	339	401							
			10.7	469	336							
			10.1	469	336							
			10.84	297	356							
			4.69	339	401							
			5.9	339	401							
			12.71	339	371							
			10.5	339	371							
			19.33	469	607							
			10.5	339	371							
			18.28	297	401							
			8.3	16	19							
			18.33	339	371							
			10.6	339	371							
			19.31	297	401							
			8.3	16	19							
			18.63	339	371							
			7.9	339	371							
			18.96	339	371							
			5.5	16	19							
			7.40	339	401							
			8.7	339	371							
			18.95	339	371							
			9.01	339	371							
			9.8	339	371							
			17.78	297	401							
			8.9	339	371							
			19.52	339	371							



CIRCUIT ASSEMBLY LIST

TANDON	OFFICE	TRANSMISSION ROUTE	NO. 20	TRANSMISSION SYSTEM & LOSS (dB) RESISTANCE (C)							NUMBER OF INTER-EXCHANGE JUNCTIONS				CIRCUITS											
				KIND OF CIRCUIT	DESTINATION OFFICE	TRANSMISSION LOSS TOTAL (dB)	RESISTANCE (C)	PV	BS	LP1	LP2	LS	NW	BK		RID	TH	TH	TH	BC	DK	CN	SW	SW	TC	
T1	BANGPLAD (B.P.)	BP	NO. 20	PV	SS	3.0	9L	2.3	23																	
				PV	SS	3.0	9L	2.3	23																	
				PV	SS	3.0	9L	2.3	23																	
DIRECT	T2	BP	NO. 20	BS	SS	3.0	9L	2.3	23																	
				LP1	SS	3.0	9L	2.3	23																	
TDM	T4	BP	NO. 20	LS	SS	3.0	9L	2.3	23																	
				NW	SS	3.0	9L	2.3	23																	
DIRECT	T4	BP	NO. 20	BK	SS	3.0	9L	2.3	23																	
				RID	SS	3.0	9L	2.3	23																	
TDM	T4	BP	NO. 20	TH	SS	3.0	9L	2.3	23																	
				TH	SS	3.0	9L	2.3	23																	
DIRECT	T4	BP	NO. 20	TH	SS	3.0	9L	2.3	23																	
				TH	SS	3.0	9L	2.3	23																	
TDM	T4	BP	NO. 20	BC	SS	3.0	9L	2.3	23																	
				DK	SS	3.0	9L	2.3	23																	
DIRECT	T4	BP	NO. 20	CN	SS	3.0	9L	2.3	23																	
				SW	SS	3.0	9L	2.3	23																	
TDM	T4	BP	NO. 20	SW	SS	3.0	9L	2.3	23																	
				SW	SS	3.0	9L	2.3	23																	
DIRECT	T4	BP	NO. 20	TC	SS	3.0	9L	2.3	23																	
				TC	SS	3.0	9L	2.3	23																	



CIRCUIT ASSEMBLY LIST

TANDEM	OFFICE	TRANSMISSION ROUTE	TRANSMISSION SYSTEM & LOSS (dB) RESISTANCE (Ω)		NUMBER OF INTER-EXCHANGE		JUNCTION		CIRCUITS		
			NO. 21	NO. 22	NO. 23	NO. 24	NO. 25	NO. 26	NO. 27	NO. 28	
T 6	KLONGCHAN (KC)										
KIND OF CIRCUIT	DESTINATION OFFICE	TRANSMISSION LOSS TOTAL (dB)	RESISTANCE (Ω)	NO. 21	NO. 22	NO. 23	NO. 24	NO. 25	NO. 26	NO. 27	NO. 28
TDM	KK	58	1272	9L 2.1	MM 2.3	5L 1.4	KK	4	MM 5.6	MM 5.6	3
DIRECT	KK	80	447	9L 2.1	5L 1.4	3.0	3.0	3.4	X	X	3.6
OTD	KK	1754	447	9L 2.1	5L 1.4	3.0	3.0	3.4	X	X	3.6
DIRECT	PK	4058	447	9L 2.1	5L 1.4	3.0	3.0	3.4	X	X	3.6
DIRECT	PW	50-1272	447	9L 2.1	5L 1.4	3.0	3.0	3.4	X	X	3.6
DIRECT	SR	1928	447	9L 2.1	5L 1.4	3.0	3.0	3.4	X	X	3.6
DIRECT	SS	77	447	9L 2.1	5L 1.4	3.0	3.0	3.4	X	X	3.6
DIRECT	BP	87	447	9L 2.1	5L 1.4	3.0	3.0	3.4	X	X	3.6
DIRECT	PL	1698	447	9L 2.1	5L 1.4	3.0	3.0	3.4	X	X	3.6
DIRECT	PL	85	447	9L 2.1	5L 1.4	3.0	3.0	3.4	X	X	3.6
DIRECT	SV	1952	447	9L 2.1	5L 1.4	3.0	3.0	3.4	X	X	3.6
DIRECT	ASD	45	447	9L 2.1	5L 1.4	3.0	3.0	3.4	X	X	3.6
DIRECT	MM	995	447	9L 2.1	5L 1.4	3.0	3.0	3.4	X	X	3.6
DIRECT	KT	85	447	9L 2.1	5L 1.4	3.0	3.0	3.4	X	X	3.6
DIRECT	PN	1872	447	9L 2.1	5L 1.4	3.0	3.0	3.4	X	X	3.6
DIRECT	PN	84	447	9L 2.1	5L 1.4	3.0	3.0	3.4	X	X	3.6
DIRECT	MM	1843	447	9L 2.1	5L 1.4	3.0	3.0	3.4	X	X	3.6
DIRECT	MM	107	447	9L 2.1	5L 1.4	3.0	3.0	3.4	X	X	3.6
DIRECT	KT	750	447	9L 2.1	5L 1.4	3.0	3.0	3.4	X	X	3.6
DIRECT	KT	1756	447	9L 2.1	5L 1.4	3.0	3.0	3.4	X	X	3.6
DIRECT	PN	4053	447	9L 2.1	5L 1.4	3.0	3.0	3.4	X	X	3.6
DIRECT	PN	60-1144	447	9L 2.1	5L 1.4	3.0	3.0	3.4	X	X	3.6
DIRECT	PN	60-1144	447	9L 2.1	5L 1.4	3.0	3.0	3.4	X	X	3.6
DIRECT	PN	1124	447	9L 2.1	5L 1.4	3.0	3.0	3.4	X	X	3.6
DIRECT	MM	79	447	9L 2.1	5L 1.4	3.0	3.0	3.4	X	X	3.6
DIRECT	MM	772	447	9L 2.1	5L 1.4	3.0	3.0	3.4	X	X	3.6
DIRECT	BN	78	447	9L 2.1	5L 1.4	3.0	3.0	3.4	X	X	3.6
DIRECT	BN	1700	447	9L 2.1	5L 1.4	3.0	3.0	3.4	X	X	3.6
DIRECT	PS	90	447	9L 2.1	5L 1.4	3.0	3.0	3.4	X	X	3.6
DIRECT	PS	1953	447	9L 2.1	5L 1.4	3.0	3.0	3.4	X	X	3.6
DIRECT	CP	102	447	9L 2.1	5L 1.4	3.0	3.0	3.4	X	X	3.6
DIRECT	CP	1466	447	9L 2.1	5L 1.4	3.0	3.0	3.4	X	X	3.6

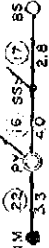
CIRCUIT ASSEMBLY LIST

KC 2/2

TANDEN	OFFICE	TRANSMISSION ROUTE	TRANSMISSION SYSTEM & LOSS (PER RESISTANCE (L))	NUMBER OF INTER-EXCHANGE JUNCTION CIRCUITS						
				28	29	30	31			
T 6	KLONGOCHAN (K.C.)		NO. 21	20	KC	20	41	41	41	41
				20	PY	41	41	41	41	41
				64	LP1	46	46	46	46	46
				387	LP2	17	17	17	17	17
				392	IM	18	18	18	18	18
				54	BS	28	28	28	28	28
				733	LS	43	43	43	43	43
				848	OM	18	18	18	18	18
				1016	RID	40	40	40	40	40
				1348	BK	38	38	38	38	38
DIRECT				59	NW	17	17	17	17	17
				842	TH	53	53	53	53	53
				842	PO	5	5	5	5	5
				1227	SW	54	54	54	54	54
				1923	SW	54	54	54	54	54
				7.9	PL	7.2	7.2	7.2	7.2	7.2
				56	MM	55	55	55	55	55
				88	HM	89	89	89	89	89
				134	KC	134	134	134	134	134
				21	LP1	21	21	21	21	21
TDM T5				20	KC	20	20	20	20	20
				20	PY	20	20	20	20	20
				64	LP1	46	46	46	46	46
				387	LP2	17	17	17	17	17
				392	IM	18	18	18	18	18
				54	BS	28	28	28	28	28
				733	LS	43	43	43	43	43
				848	OM	18	18	18	18	18
				1016	RID	40	40	40	40	40
				1348	BK	38	38	38	38	38
DIRECT				59	NW	17	17	17	17	17
				842	TH	53	53	53	53	53
				842	PO	5	5	5	5	5
				1227	SW	54	54	54	54	54
				1923	SW	54	54	54	54	54
				7.9	PL	7.2	7.2	7.2	7.2	7.2
				56	MM	55	55	55	55	55
				88	HM	89	89	89	89	89
				134	KC	134	134	134	134	134
				21	LP1	21	21	21	21	21

NO. 72

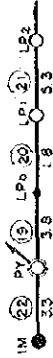
CIRCUIT ASSEMBLY LIST



TAMARA	OFFICE	TRANSMISSION ROUTE	TRANSMISSION SYSTEM & LOSS (dB) RESISTANCE (Ω)		NUMBER OF		JUNCTION		CIRCUITS	
			DESTINATION	LOSS (TOTAL)	RESISTANCE (Ω)	EXCHANGE	INTER-EXCHANGE	RESISTANCE (Ω)	RESISTANCE (Ω)	
T2	INTAMARA (IM)									
			NO. 22							
KIND OF SERVICE	DESTINATION	LOSS (TOTAL)	RESISTANCE (Ω)	RESISTANCE (Ω)	EXCHANGE	INTER-EXCHANGE	RESISTANCE (Ω)	RESISTANCE (Ω)		
TDM	K K	1.97	55L 20, 55L 3.5	438	4	39				
DIRECT	K K	1.587	55L 40, 55L 5.4	392	3	38				
TOLL	K K	3.9	55L 20, 55L 1.9	438	4	33				
CTD	K K	8.46	55L 20, 55L 1.9	438	4	6				
DIRECT	S S	1.018	55L 50, 55L 5.71	619	5	17				
DIRECT	P W	1.00	55L 22, 55L 2.8	468	4	36				
DIRECT	B S	1.352	55L 50, 55L 2.4	619	5	19				
TDM	P L	1.061	55L 20, 55L 2.8	438	4	18				
DIRECT	P L	1.603	55L 20, 55L 4.5	619	5	28				
DIRECT	S V	1.568	55L 50, 55L 2.8	619	5	15				
DIRECT	K T	1.819	55L 20, 55L 2.6	438	4	5				
TDM	ASD	1.189	55L 50, 55L 3.8	619	5	37				
DIRECT	T H	1.250	55L 20, 55L 1.6	438	4	32				
DIRECT	P D	1.821	55L 22, PGM 20, PGM 20	468	4	6				
DIRECT	T H	1.978	55L 20, 55L 4.0, 55L 2.8	438	4	14				

CIRCUIT ASSEMBLY LIST

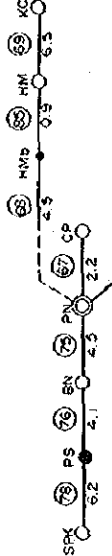
IM 2/2



RANGE	OFFICE	TRANSMISSION ROUTE	TRANSMISSION SYSTEM & LOSS (dB) RESISTANCE (Ω)		NUMBER OF INTER-EXCHANGE		JUNCTION		CIRCUITS	
			TRANSMISSION LOSS TOTAL (dB)	RESISTANCE (Ω)	①	②	③	④	⑤	⑥
T2	INTAMARA (IM)									
			NO. 22							
			TRANSMISSION LOSS TOTAL (dB)							
			RESISTANCE (Ω)							
			①							
			②							
			③							
			④							
			⑤							
			⑥							
			⑦							
			⑧							
			⑨							
			⑩							
			⑪							
			⑫							
			⑬							
			⑭							
			⑮							
			⑯							
			⑰							
			⑱							
			⑲							
			⑳							
			㉑							
			㉒							
			㉓							
			㉔							
			㉕							
			㉖							
			㉗							
			㉘							
			㉙							
			㉚							
			㉛							
			㉜							
			㉝							
			㉞							
			㉟							
			㊱							
			㊲							
			㊳							
			㊴							
			㊵							
			㊶							
			㊷							
			㊸							
			㊹							
			㊺							
			㊻							
			㊼							
			㊽							
			㊾							
			㊿							

NO. 74

CIRCUIT ASSEMBLY LIST



TANDUM	OFFICE	TRANSMISSION ROUTE	TRANSMISSION SYSTEM & LOSS (dB) RESISTANCE (Ω)										NUMBER OF INTER-EXCHANGE JUNCTIONS		CIRCUITS						
			LOSS TOTAL (dB)	RESISTANCE (Ω)	9L	1.4	9L	1.5	9L	1.6	9L	1.7	9L	1.8	9L	1.9	9L	2.0	9L	2.1	9L
T 6	POOCHAO SAMINGPRAI (PS)				9L 1.4	9L 1.5	9L 1.6	9L 1.7	9L 1.8	9L 1.9	9L 2.0	9L 2.1	9L 2.2	9L 2.3	9L 2.4	9L 2.5	9L 2.6	9L 2.7	9L 2.8	9L 2.9	9L 3.0
			NO. 23		9L 1.4	9L 1.5	9L 1.6	9L 1.7	9L 1.8	9L 1.9	9L 2.0	9L 2.1	9L 2.2	9L 2.3	9L 2.4	9L 2.5	9L 2.6	9L 2.7	9L 2.8	9L 2.9	9L 3.0
			TRANSMISSION LOSS TOTAL (dB)	61.7	65.1	68.5	71.9	75.3	78.7	82.1	85.5	88.9	92.3	95.7	99.1	102.5	105.9	109.3	112.7	116.1	119.5
			RESISTANCE TOTAL (Ω)	6.9	7.2	7.5	7.8	8.1	8.4	8.7	9.0	9.3	9.6	9.9	10.2	10.5	10.8	11.1	11.4	11.7	12.0
DIRECT	KK			293	293	293	293	293	293	293	293	293	293	293	293	293	293	293	293	293	293
DIRECT	KK			512	512	512	512	512	512	512	512	512	512	512	512	512	512	512	512	512	512
DIRECT	KK			306	306	306	306	306	306	306	306	306	306	306	306	306	306	306	306	306	306
DIRECT	PW			293	293	293	293	293	293	293	293	293	293	293	293	293	293	293	293	293	293
DIRECT	SR			293	293	293	293	293	293	293	293	293	293	293	293	293	293	293	293	293	293
DIRECT	SS			293	293	293	293	293	293	293	293	293	293	293	293	293	293	293	293	293	293
DIRECT	BP			293	293	293	293	293	293	293	293	293	293	293	293	293	293	293	293	293	293
DIRECT	PL			293	293	293	293	293	293	293	293	293	293	293	293	293	293	293	293	293	293
DIRECT	PL			293	293	293	293	293	293	293	293	293	293	293	293	293	293	293	293	293	293
DIRECT	SV			293	293	293	293	293	293	293	293	293	293	293	293	293	293	293	293	293	293
DIRECT	ASD			293	293	293	293	293	293	293	293	293	293	293	293	293	293	293	293	293	293
DIRECT	MM			293	293	293	293	293	293	293	293	293	293	293	293	293	293	293	293	293	293
DIRECT	KT			293	293	293	293	293	293	293	293	293	293	293	293	293	293	293	293	293	293
DIRECT	PN			293	293	293	293	293	293	293	293	293	293	293	293	293	293	293	293	293	293
DIRECT	PN			293	293	293	293	293	293	293	293	293	293	293	293	293	293	293	293	293	293
DIRECT	PN			293	293	293	293	293	293	293	293	293	293	293	293	293	293	293	293	293	293
DIRECT	SPK			293	293	293	293	293	293	293	293	293	293	293	293	293	293	293	293	293	293
DIRECT	BN			293	293	293	293	293	293	293	293	293	293	293	293	293	293	293	293	293	293
DIRECT	CP			293	293	293	293	293	293	293	293	293	293	293	293	293	293	293	293	293	293
DIRECT	HM			293	293	293	293	293	293	293	293	293	293	293	293	293	293	293	293	293	293
DIRECT	KC			293	293	293	293	293	293	293	293	293	293	293	293	293	293	293	293	293	293

CIRCUIT ASSEMBLY LIST



TANDEM	OFFICE	TRANSMISSION ROUTE	TRANSMISSION SYSTEM		LOSS (dB)	RESISTANCE (Ω)	NUMBER OF INTER-EXCHANGE JUNCTION CIRCUITS									
			DESTINATION	LOSS TOTALS			RESISTANCE	66	63	64	65	66	67	68	69	70
KIND OF CIRCUIT	DESTINATION OFFICE	TRANSMISSION SYSTEM	LOSS TOTALS	RESISTANCE	RESISTANCE (Ω)	RESISTANCE (Ω)	66	63	64	65	66	67	68	69	70	
Ts	NONGKHAEM (NK)	NO. 24														
TDM T1	KK	PCM 2.0 TH, 9L 2.2 NK	4.2 NK	4.51			17	7	17	7	17	7	17	7	17	
OTD	KK	PCM 2.0, 9L 4.2	4.2	4.51			5	3	3	3	3	3	3	3	3	
TDM T2	PY	PCM 2.0 NK, PCM 3.1 NK	2.0 NK				7	7	7	7	7	7	7	7	7	
TDM T3	PL	PCM 2.0 NK, PCM 3.1 NK	3.0 NK				10	10	10	10	10	10	10	10	10	
TDM T4	LS	PCM 2.0 NK, PCM 3.1 NK	5.9 NK				6	6	6	6	6	6	6	6	6	
TDM	TH	PCM 2.0 NK	6.42 NK				122	122	122	122	122	122	122	122	122	
M.C	TH	PCM 2.0	2.0				3	3	3	3	3	3	3	3	3	
TOLL	TH	PCM 2.0	2.0				19	19	19	19	19	19	19	19	19	
TDM T5	PN	PCM 2.0 TH, PCM 3.1 NK	5.7 NK				11	11	11	11	11	11	11	11	11	
TDM T6	SW	PCM 2.0 TH, 3.1 NK	5.1 NK				9	9	9	9	9	9	9	9	9	
			6.66													

CIRCUIT ASSEMBLY LIST

TANDARD	OFFICE	TRANSMISSION ROUTE	KIND OF SERVICE	DESTINATION OFFICE	TRANSMISSION LOSS (dB)	RESISTANCE (Ω)	TOTAL	TRANSMISSION SYSTEM		LOSS (dB)	RESISTANCE (Ω)	NUMBER OF		INTER-EXCHANGE	JUNCTION	CIRCUITS
								PCM	PS			PCM	PS			
T6	SAMUT PRAKAN (SPK)	NO. 25														
TDM	T1	KK	2.0	PCM 2.0	4.27	551	551	PCM	4.27	551	551	49	PS	49	PN	49
OTD		KK	2.0	PCM 2.0	4.27	551	551	PCM	4.27	551	551	5	PS	5	PN	5
TDM	T2	PY	2.0	PCM 2.0	4.27	551	551	PCM	4.27	551	551	25	PS	25	PN	25
TDM	T3	PL	4.7	PCM 2.0	9.1	1019	1019	PCM	9.1	1019	1019	33	PS	33	PN	33
DIRECT		PL	5.1	9L 2.0	4.27	551	551	9L 2.0	4.27	551	551	12	BN	12	PN	12
		MM	1.97	PCM 2.0	4.27	551	551	PCM	4.27	551	551	6	PS	6	PN	6
		MM	1.97	PCM 2.0	4.27	551	551	PCM	4.27	551	551	6	PS	6	PN	6
		KT	5.3	PCM 2.0	4.27	551	551	PCM	4.27	551	551	6	PS	6	PN	6
TDM	T4	LS	2.0	PCM 2.0	4.27	551	551	PCM	4.27	551	551	18	PS	18	PN	18
TDM	T5	TH	2.0	PCM 2.0	4.27	551	551	PCM	4.27	551	551	28	PS	28	PN	28
DIRECT		PO	1.60	PCM 2.0	4.27	551	551	PCM	4.27	551	551	12	PS	12	PN	12
		TH	5.3	PCM 2.0	4.27	551	551	PCM	4.27	551	551	15	PS	15	PN	15
TDM	T6	PN	2.0	PCM 2.0	4.27	551	551	PCM	4.27	551	551	297	PS	297	PN	297
TOLL		PN	2.0	PCM 2.0	4.27	551	551	PCM	4.27	551	551	35	PS	35	PN	35
MC		BN	5.9	9L 2.0	4.27	551	551	9L 2.0	4.27	551	551	4	BN	4	PN	4
DIRECT		PS	1.275	PCM 2.0	4.27	551	551	PCM	4.27	551	551	18	PS	18	PN	18
		BN	5.3	9L 2.0	4.27	551	551	9L 2.0	4.27	551	551	4	BN	4	PN	4
TDM	T7	SW	10.3	PCM 2.0	4.27	551	551	PCM	4.27	551	551	31	PS	31	PN	31
DIRECT		SW	5.3	PCM 2.0	4.27	551	551	PCM	4.27	551	551	18	PS	18	PN	18

CIRCUIT ASSEMBLY LIST

RS 1/1



TANDUM	OFFICE	TRANSMISSION ROUTE	TRANSMISSION SYSTEM & LOSS (dB) RESISTANCE (Ω)	NUMBER OF INTER-EXCHANGE	JUNCTION	CIRCUITS
T4	RANGS : T (RS)					
NO. 26						
KIND OF CIRCUIT	DESTINATION	LOSS TOTAL (dB)	RESISTANCE (Ω)			
TDM	KK	4.1	438	KK	4	12
OTD	KK	4.1	438	KK	3	3
TDM	PY	2.0		PY	6	8
TDM	PL	4.1	438	PL	8	8
TDM	LS	2.0		LS	12	12
TOLL	LS	2.0		LS	19	19
MC	LS	2.0		LS	5	3
	DM	9.4		DM	5	
	65.1					
TDM	TH	2.0		TH	6	7
TDM	PN	2.0		PN	10	10
TDM	SW	4.5	528	SW	8	8

NO. 79

CIRCUIT ASSEMBLY LIST

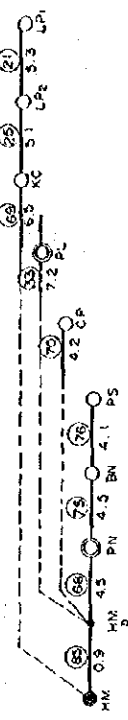
PT 1/1

TANDARD	OFFICE	TRANSMISSION ROUTE	TRANSMISSION SYSTEM & LOSS(S) RESISTANCE (Ω)		NUMBER OF INTER-EXCHANGE		JUNCTION		CIRCUITS	
			KIND OF CIRCUIT	LOSS TOTAL (Ω)	RESISTANCE TOTAL (Ω)	NO.	NO.	NO.	NO.	NO.
T 4	PATHUMTHANI (PT)									
			NO. 27							
TDM	T1	PCM 20	41	438	PK 16	4	PK 15	4	LS 16	4
OTO	T2	PCM 20	41	438	PK 3	3	PK 1	3	LS 3	3
TDM	T3	PCM 20	41	438	PK 8	8	PK 8	8	LS 8	8
TDM	T4	PCM 20	41	438	PK 9	9	PK 9	9	LS 9	9
M C	T5	PCM 20	20		PK 12	12	PK 12	12	LS 12	12
TOLL	T6	PCM 20	20		PK 3	3	PK 3	3	LS 3	3
TDM	T7	PCM 20	20		PK 19	19	PK 19	19	LS 19	19
TDM	T8	PCM 20	20		PK 8	8	PK 8	8	LS 8	8
TDM	T9	PCM 20	20		PK 11	11	PK 11	11	LS 11	11
TDM	T10	PCM 20	20		PK 8	8	PK 8	8	LS 8	8
TDM	T11	PCM 20	20		PK 8	8	PK 8	8	LS 8	8

NO. 80

CIRCUIT ASSEMBLY LIST

MM 272



TRANSMISSION ROUTE

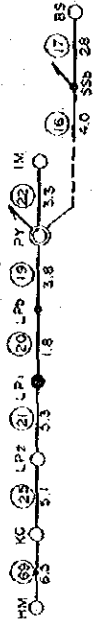
OFFICE HUAMAK (HM)

NO.23

KIND OF CIRCUIT	TAN OFFICE	DESTINATION OFFICE	TRANSMISSION SYSTEM & LOSS (dB) RESISTANCE (Ω)		NUMBER OF INTER-EXCHANGE JUNCTION		CIRCUITS	
			LOSS TOTAL (dB)	RESISTANCE (Ω)	NO.	TYPE	NO.	TYPE
TDM	T2	PY	9L 2.5	65L 2.8	16	4	16	4
			1.72	549	16	4	16	4
DIRECT	BS	IM	9L 1.7	55L 3.8	16	32	16	32
			1.07	1061	16	32	16	32
TDM	T4	LS	9L 1.7	55L 3.8	16	28	16	28
			1.07	1061	16	28	16	28
DIRECT	BK	BK	9L 1.7	55L 3.8	16	15	16	15
			1.07	1061	16	15	16	15
TDM	T5	TH	9L 2.7	65L 3.0	19	19	19	19
			1.92	1031	19	19	19	19
DIRECT	DK	DK	9L 2.7	65L 3.0	19	12	19	12
			1.92	1031	19	12	19	12
TDM	T7	SW	9L 2.5	65L 2.2	15	15	15	15
			1.72	549	15	15	15	15
DIRECT	TC	TC	9L 2.5	65L 2.0	13	13	13	13
			1.72	549	13	13	13	13

CIRCUIT ASSEMBLY LIST

LP-1 1/2



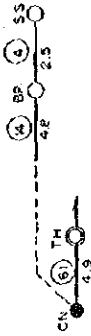
TANDEN	OFFICE	TRANSMISSION ROUTE	TRANSMISSION SYSTEM & LOSS(GB) RESISTANCE (Ω)	NUMBER OF INTER-EXCHANGE JUNCTION CIRCUITS	
				(15)	(17)
T2	LADPRAO - 1 (LP-1)				
			NO.29		
KIND OF CIRCUIT	DESTINATION	TRANSMISSION LOSS TOTAL(GB) RESISTANCE (Ω)			
TDM	KK	5.2 1.30	65.33 722	9L 1.9 408	KK
OTD	KK	3.7 79.7	9L 1.8 389	9L 1.9 408	KK
DIRECT	KK	8.5 188.7	65.33 722	9L 3.2 1165	KK
	SS	5.4 118.2	65.33 722	SS 2 460	SS
	BP	8.4 147.9	65.33 722	9L 2.1 460	BP
	PY	3.2 75.2	65L 3.5 752	55NL 3.0 297	PY
	PY	6.8 66.5	65NL 5.8 665		PY
T2	LP2	4.5 31.4	9L 4.5 31.4		LP2
DIRECT	IM	8.5 137.1	65L 3.5 752	55NL 3.0 297	IM
	BS	6.5 142.5	65L 3.3 722	65L 2.2 494	BS
TDM	PN	8.5 75.2	65L 3.5 752	POV 2.0 209	PN
	KC	6.2 70.7	9NL 4.5 31.4	9L 1.9 387	KC
DIRECT	HM	10.0 150.4	9NL 4.5 31.4	9L 1.7 833	HM
	CP	8.4 184.5	65L 3.3 722	65L 2.7 593	CP
TDM	SW	3.6 220	65L 3.3 722	9L 2.3 498	SW
DIRECT	SW	7.5 165.4	65L 3.3 722	65L 4.2 932	SW

CIRCUIT ASSEMBLY LIST



INDEX	OFFICE	TRANSMISSION ROUTE	TRANSMISSION SYSTEM & LOSS (dB) RESISTANCE (Ω)	NUMBER OF INTER-EXCHANGE		JUNCTION		CIRCUITS	
				(4)	(5)	(6)	(7)	(8)	(9)
T4	BANGSHUN (9SN)								
NO. 31									
HAND OF CIRCUIT	DESTINATION OFFICE	TRANSMISSION SYSTEM	LOSS (dB)	RESISTANCE (Ω)	NUMBER OF INTER-EXCHANGE	NUMBER OF INTER-EXCHANGE	JUNCTION	JUNCTION	CIRCUITS
TOM	KK	PCM 2.0	4.1	9L 2.1	BSN 22	MC 22	LP 22	LP 22	PT 22
OTO	KK	PCM 2.0	4.1	9L 2.1	BSN 4	MC 4	LP 4	LP 4	PT 4
TOM	PY	PCM 2.0	2.0	4.38	BSN 12	MC 12	LP 12	LP 12	PT 12
TOM	PL	PCM 2.0	4.1	9L 2.1	BSN 16	MC 16	LP 16	LP 16	PT 16
TOM	LS	PCM 2.0	2.0	4.38	BSN 173	MC 173	LP 173	LP 173	PT 173
TOM	TH	PCM 2.0	5.9	2.3	BSN 19	MC 19	LP 19	LP 19	PT 19
TOM	PN	PCM 2.0	2.0	4.98	BSN 19	MC 19	LP 19	LP 19	PT 19
TOLL	PN	PCM 2.0	2.0	4.38	BSN 26	MC 26	LP 26	LP 26	PT 26
MC	PN	PCM 2.0	2.0	4.38	BSN 3	MC 3	LP 3	LP 3	PT 3
TOM	SW	PCM 2.0	4.5	2.5	BSN 12	MC 12	LP 12	LP 12	PT 12

CIRCUIT ASSEMBLY LIST



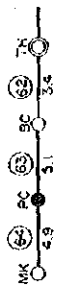
TANOBA	OFFICE	TRANSMISSION ROUTE	TRANSMISSION SYSTEM S. LOSS(18) RESISTANCE (2)		NUMBER OF INTER-EXCHANGE JUNCTION CIRCUITS					
			DESTINATION OFFICE	LOSS TOTAL (1)						
7B	CHARUNSANITWONG (CN)	NO.32	T1	1394	5.4	9L 2.0	KK 4	—	—	—
			OTD	60+1394	5.4	9L 2.0	KK 6	—	—	—
			DIRECT	1737	5.4	85L 3.6	KK 48	—	—	—
				1161	5L 4.8	5N 6.4	SR 108	—	—	—
				1791	1003	7.86	—	—	—	—
				58	52NL 5.8	—	—	—	—	—
				570	570	—	—	—	—	—
				1823	5.4	9L 2.0	5N 3.5	—	—	—
				56	63NL 5.8	42.1	43.1	—	—	—
				1039	1671	3.4	9L 1.4	9L 2.3	—	—
7C			T2	60+1785	973	3.5	3W 4.8	PY 30	—	—
			DIRECT	1783	373	5.4	3L 1.4	—	—	—
				1003	5L 4.6	PCM 2.0	PCM 2.0	—	—	—
				1003	1003	—	—	—	—	—
				148	8.3	5L 4.4	85L 2.7	9L 1.2	—	—
				60+1840	973	5.4	5N 2.6	1.2	—	—
				1821	5.4	55L 2.7	9L 1.2	—	—	—
				1840	973	5.4	60.6	26.1	—	—
				933	973	3.4	9L 1.4	5L 2.9	—	—
				108	5L 4.6	PCM 2.0	PCM 2.0	—	—	—
7D			T3	1003/907	1003	—	—	—	—	—
			DIRECT	104	5.4	PCM 2.0	PCM 2.0	—	—	—
				1003/857	1003	—	—	—	—	—
				60+1003	5L 4.6	PCM 2.0	PCM 2.0	—	—	—
				138	4.6	3L 4.6	—	—	—	—
				50+1003	1003	—	—	—	—	—
				138	4.6	5L 4.6	—	—	—	—
				60+1003	1003	—	—	—	—	—
				56	5L 4.6	—	—	—	—	—
				1003	1003	—	—	—	—	—
7E			T4	919	919	7.5	—	—	—	—
			DIRECT	98	5.4	5N 3.2	—	—	—	—
				1641	1003	63.8	—	—	—	—
				108	5L 4.8	5N 6.2	—	—	—	—
				1772	1003	76.9	—	—	—	—
				42	6.6	5L 4.6	PCM 2.0	—	—	—
				60+1003	1003	—	—	—	—	—
				60	5L 4.6	—	—	—	—	—
				1317	973	5.4	5L 4.4	—	—	—
				88	5L 4.4	5L 4.4	—	—	—	—
7F			T5	1506	973	973	—	—	—	—
			DIRECT	1506	973	973	—	—	—	—
				1506	973	973	—	—	—	—
				1506	973	973	—	—	—	—
				1506	973	973	—	—	—	—
				1506	973	973	—	—	—	—
				1506	973	973	—	—	—	—
				1506	973	973	—	—	—	—
				1506	973	973	—	—	—	—
				1506	973	973	—	—	—	—

CIRCUIT ASSEMBLY LIST



TANDEM	OFFICE	TRANSMISSION ROUTE	TRANSMISSION SYSTEM & LOSS (dB) RESISTANCE COU				NUMBER OF INTER-EXCHANGE JUNCTION CIRCUITS													
			DESTINATION	TRANSMISSION LOSS TOTALS	RESISTANCE	TOTAL	1	2	3	4										
	PATHUMWAN (P.W)																			
			NQ 34																	
			TRANSMISSION LOSS TOTALS																	
			RESISTANCE TOTAL																	
			TOTAL																	
TDM			104	47	104	47														
DIRECT			956	78	956	78														
TOLL			104	47	104	47														
DIRECT			100	100	100	100														
			1424	1424	1424	1424														
			78	78	78	78														
			1723	1723	1723	1723														
			1740	1740	1740	1740														
			101	101	101	101														
			1407	1407	1407	1407														
TDM			40	40	40	40														
			37	37	37	37														
			450	450	450	450														
			93	93	93	93														
			996	996	996	996														
			87	87	87	87														
			381	381	381	381														
			88	88	88	88														
			1050	1050	1050	1050														
			104	104	104	104														
			1275	1275	1275	1275														
			55	55	55	55														
			43	43	43	43														
			82	82	82	82														
			93	93	93	93														
			970	970	970	970														
			85	85	85	85														
			1887	1887	1887	1887														
			43	43	43	43														
			1035	1035	1035	1035														
			499	499	499	499														
			1787	1787	1787	1787														
			101	101	101	101														
			1942	1942	1942	1942														
			95	95	95	95														
			1761	1761	1761	1761														
			85	85	85	85														
			105	105	105	105														
			1923	1923	1923	1923														

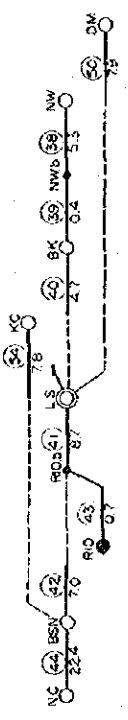
CIRCUIT ASSEMBLY LIST



RANDM	OFFICE	TRANSMISSION ROUTE	TRANSMISSION SYSTEM % LOSS (db) RESISTANCE (Ω)		NUMBER OF INTER-EXCHANGE		JUNCTION		CIRCUITS	
			DESTINATION OFFICE	TRANSMISSION LOSS TOTAL RESISTANCE	PC	BC	PC	BC	PC	BC
Ts	PHASEECHAROEN (PC)									
			NO. 35							
TDM	KK	60	65L 3.0 9L 1.0	9L 2.0	PC	4.7	BC	4.7		
TDM	KK	1299	65L 3.0 9L 1.0	9L 2.0	PC	4.7	BC	4.7		
TDM	KK	(40) 60	65L 3.0 9L 1.0	9L 2.0	PC	4.7	BC	4.7		
TDM	KK	60 = 1299	65L 3.0 9L 1.0	9L 2.0	PC	4.7	BC	4.7		
TDM	TY	62	65L 3.0 9L 1.2	9L 2.0	PC	2.0	BC	2.0		
TDM	TY	908	65L 3.0 9L 1.2	9L 2.0	PC	2.0	BC	2.0		
TDM	PL	62	65L 3.0 9L 1.2	9L 2.0	PC	2.6	BC	2.6		
TDM	PL	908	65L 3.0 9L 1.2	9L 2.0	PC	2.6	BC	2.6		
TDM	LS	62	65L 3.0 9L 1.2	9L 2.0	PC	1.5	BC	1.5		
TDM	LS	908	65L 3.0 9L 1.2	9L 2.0	PC	1.5	BC	1.5		
DIRECT	EC	1690	65L 3.0 9L 1.0	9L 1.2	PC	2.1	BC	2.1		
DIRECT	EC	62	65L 3.0 9L 1.0	9L 1.2	PC	2.1	BC	2.1		
DIRECT	EC	603	65L 3.0 9L 1.0	9L 1.2	PC	2.1	BC	2.1		
TDM	TH	42	65L 3.0 9L 1.2	9L 2.0	PC	1.4	BC	1.4		
TDM	TH	908	65L 3.0 9L 1.2	9L 2.0	PC	1.4	BC	1.4		
DIRECT	TH	35	65L 3.0 9L 1.2	9L 2.0	PC	1.8	BC	1.8		
DIRECT	TH	1319	65L 3.0 9L 1.2	9L 2.0	PC	1.8	BC	1.8		
TOLL	TH	42	65L 3.0 9L 1.2	9L 2.0	PC	3.5	BC	3.5		
TOLL	TH	908	65L 3.0 9L 1.2	9L 2.0	PC	3.5	BC	3.5		
M C	TH	42	65L 3.0 9L 1.2	9L 2.0	PC	4	BC	4		
M C	TH	908	65L 3.0 9L 1.2	9L 2.0	PC	4	BC	4		
TDM	PN	62	65L 3.0 9L 1.2	9L 2.0	PC	2.8	BC	2.8		
TDM	PN	908	65L 3.0 9L 1.2	9L 2.0	PC	2.8	BC	2.8		
TDM	SW	56	65L 3.0 9L 1.0	9L 1.6	PC	2.7	BC	2.7		
TDM	SW	1222	65L 3.0 9L 1.0	9L 1.6	PC	2.7	BC	2.7		

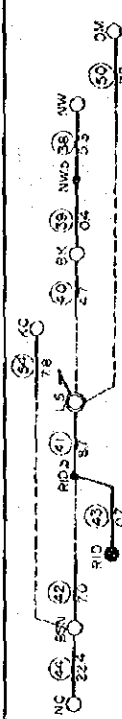
CIRCUIT ASSEMBLY LIST

TANDEN	OFFICE	TRANSMISSION ROUTE	TRANSMISSION SYSTEM & LOSS (dB) RESISTANCE (Ω)		NUMBER OF INTER-EXCHANGE	JUNCTION	CIRCUITS
			DESTINATION	LOSS TOTAL/RESISTANCE TOTAL			
T4	RAMINDRA (R1D)						
NO. 36							
IND OF	DESTINATION	LOSS TOTAL/RESISTANCE TOTAL	TRANSMISSION SYSTEM & LOSS (dB) RESISTANCE (Ω)	NUMBER OF INTER-EXCHANGE	JUNCTION	CIRCUITS	
TDM	KK	51 3.1 663 663	PCM 2.0 PCM 2.0	4	50	50	
DIRECT	KK	51 3.1 663 663	PCM 2.0 PCM 2.0	4	50	50	
OTD	KK	(39) 51 60+663 663	PCM 2.0 PCM 2.0	4	50	50	
DIRECT	SR	84 3.1 663 663	PCM 2.0 PCM 2.0	4	50	50	
DIRECT	BP	86 3.1 663 663	PCM 2.0 PCM 2.0	4	50	50	
DIRECT	SS	81 3.1 663 663	PCM 2.0 PCM 2.0	4	50	50	
TDM	PY	51 3.1 663 663	PCM 2.0 PCM 2.0	4	50	50	
DIRECT	PY	51 3.1 663 663	PCM 2.0 PCM 2.0	4	50	50	
DIRECT	BS	73 3.1 663 663	PCM 2.0 PCM 2.0	4	50	50	
DIRECT	IM	73 3.1 663 663	PCM 2.0 PCM 2.0	4	50	50	
DIRECT	UAI	86 3.1 663 663	PCM 2.0 PCM 2.0	4	50	50	
DIRECT	U2	86 3.1 663 663	PCM 2.0 PCM 2.0	4	50	50	
TDM	PL	51 3.1 663 663	PCM 2.0 PCM 2.0	4	50	50	
DIRECT	PL	51 3.1 663 663	PCM 2.0 PCM 2.0	4	50	50	
DIRECT	MM	80 3.1 663 663	PCM 2.0 PCM 2.0	4	50	50	
DIRECT	SV	73 3.1 663 663	PCM 2.0 PCM 2.0	4	50	50	
DIRECT	KT	73 3.1 663 663	PCM 2.0 PCM 2.0	4	50	50	
TDM	LS	31 3.1 663 663	PCM 2.0 PCM 2.0	4	50	50	
DIRECT	LS	56 3.1 222 222	PCM 2.0 PCM 2.0	4	50	50	
MC	LS	56 3.1 222 222	PCM 2.0 PCM 2.0	4	50	50	
T4	NW	73 3.1 663 663	PCM 2.0 PCM 2.0	4	50	50	
DIRECT	BK	82 3.1 663 663	PCM 2.0 PCM 2.0	4	50	50	
DIRECT	DM	73 3.1 663 663	PCM 2.0 PCM 2.0	4	50	50	
TOLL	LS	31 3.1 663 663	PCM 2.0 PCM 2.0	4	50	50	

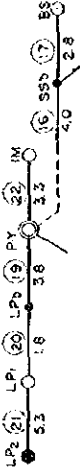


CIRCUIT ASSEMBLY LIST

TANODA	OFFICE	TRANSMISSION ROUTE	TRANSMISSION SYSTEM 3 LOSS (G) RESISTANCE (G)		NUMBER OF INTER-EXCHANGE JUNCTION CIRCUITS	
			LOSS TOTAL (G)	RESISTANCE (G)	(A)	(B)
T4	RAMINDRA RID					
			NO. 36			
KIND OF CIRCUIT	DESTINATION OFFICE	TRANSMISSION SYSTEM	LOSS TOTAL (G)	RESISTANCE (G)	NUMBER OF INTER-EXCHANGE JUNCTION CIRCUITS (A)	NUMBER OF INTER-EXCHANGE JUNCTION CIRCUITS (B)
TDN	TH	9L 3 LS PCM 20	563	563	38	38
DIRECT	TH	9L 3 LS PCM 20	563	563	19	19
TDM	PN	9L 3 LS PCM 20	563	563	41	41
	PN	9L 3 LS PCM 20	563	563	6	6
	CP	9L 3 LS PCM 20 PCM - 65L 20 65L 20	663/664	663	30	30
DIRECT	BN	9L 3 LS PCM 20 PCM - 65L 20 65L 20	663/664	663	7	7
	KC	9L 26 88 9NL 65 KC	1016	552	40	40
	PS	9L 3 LS PCM 20 PCM - 9L 15 65L 25 65L 25	663/855	663	6	6
	HM	9L 3 LS PCM 20 PCM - 9L 27	663/879	663	19	19
TDM	SW	9L 3 LS PCM 20 PCM - SW	663	663	32	32
DIRECT	SW	9L 3 LS PCM 20 PCM - SW	663	663	54	54
	TC	9L 3 LS PCM 20 PCM - 9L 42 964	663/962	663	6	6



CIRCUIT ASSEMBLY LIST



TANDARD	OFFICE	TRANSMISSION ROUTE	TRANSMISSION SYSTEM & LOSS (db) RESISTANCE (Ω)		NUMBER OF INTER-EXCHANGE		JUNCTION		CIRCUITS	
			DESTINATION	LOSS WITH (db)	RESISTANCE (Ω)	(2)	(3)	(4)	(5)	(6)
T2	LADPRAO - 2 (LP - 2)									
			NO. 37							
			TRANSMISSION LOSS WITH (db)	RESISTANCE (Ω)						
			TOTAL							
TOM			52	19L 1.7 19L 1.6 9L 1.9						
			137	370 1.7 359 3.1 408 3.1						
DIRECT			83	9L 1.7 68L 3.1 54L 3.3						
			821	370 1.7 692 3.1 759 3.1						
OTO			339	152 9L 1.7 19L 1.6 9L 1.9						
			60+137	370 1.7 359 3.1 408 3.1						
T1			69	9L 1.7 69L 3.1 9L 2.1						
			122	370 1.7 692 3.1 460 2.5						
DIRECT			59	9L 1.7 68L 3.1 9L 2.1	65NL 3.0 30.8P					
			819	370 1.7 692 3.1 450 2.97						
			1884	370 1.7 692 3.1 53L 4.2 532 4.2						
			1740	370 1.7 359 3.1 1001 1.001						
TOM			35	9L 1.7 19L 1.6 9L 1.9						
			759	370 1.7 389 3.3						
DIRECT			50	9L 1.7 65L 3.3						
			1092	370 1.7 722 3.3						
T2			54	9NL 4.5						
			314	370 1.7 68L 3.3 5NL 5.0 50.1M						
DIRECT			100	9L 1.7 68L 3.3 5NL 5.0 50.1M						
			1711	370 1.7 722 3.3 619 3.3						
			80	9L 1.7 68L 3.1 55L 4.9 10.85						
			1765	370 1.7 692 3.1 494 3.1						
TOM			55	9L 1.7 9L 1.6 9L 1.6	PCM 2.0 20.3PCM					
			759	370 1.7 389 3.3						
DIRECT			53	9L 1.7 9L 1.6 9L 1.6	PCM 2.0 20.3PCM					
			759	370 1.7 389 3.3						
			759/804	370 1.7 389 3.3	9L 1.4 9L 1.4 9L 1.4 9L 1.4					
			82	9L 1.7 9L 1.6 9L 1.6	9L 2.1 9L 2.1 9L 2.1					
			1804	370 1.7 359 3.1 314 3.14						

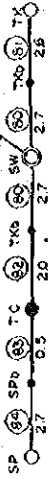
CIRCUIT ASSEMBLY LIST

TANDARD	OFFICE	OFFICE	ASOKINDAENG (ASD)	NO. 38	TRANSMISSION ROUTE		TRANSMISSION SYSTEM & LOSS(S) RESISTANCE LOSS	NUMBER OF INTER-EXCHANGE	JUNCTION	CIRCUITS
					TRANSMISSION	ROUTE				
T3										
KIND OF CIRCUIT	DESTINATION	LOSS TOTAL IN RESISTANCE	RESISTANCE	LOSS	RESISTANCE	LOSS	RESISTANCE	LOSS	RESISTANCE	LOSS
TDM	KK	1183	5.4	4.0	91.14	91.14	91.14	20	PL	20
TOLL	KK	13916	5.4	4.0	305	305	305	54	PL	54
OTD	KK	13916	5.4	4.0	305	305	305	11	PL	11
	KK	1713	5.4	4.2	51.65	51.65	51.65	62	PL	62
	PW	1275	5.4	6.7	51.37	51.37	51.37	99	PL	99
	SR	1512	5.4	4.0	65.33	65.33	65.33	152	PL	152
DIRECT	SS	1809	5.4	4.0	53.14	53.14	53.14	17	PL	17
	BP	1863	5.4	4.0	65.12	65.12	65.12	16	PL	16
TDM	PL	907	5.4	4.2	278	278	278	457	PL	457
	PL	825	5.4	6.7	51.65	51.65	51.65	156	PL	156
DIRECT	SV	1281	5.4	6.7	65.22	65.22	65.22	22	PL	22
	MM	1483	5.4	4.2	54.5	54.5	54.5	18	PL	18
TDM	KT	1958	5.4	4.0	65.23	65.23	65.23	16	PL	16
	TH	6017.4	5.4	4.0	23	23	23	53	PL	53
	TH	1958	5.4	4.0	445	445	445	22	PL	22
DIRECT	CN	9071003	5.4	4.2	PCM 20	PCM 20	PCM 20	12	PL	12
	PD	9071004	5.4	4.2	PCM 20	PCM 20	PCM 20	6	PL	6
	HM	1908	5.4	4.0	65.47	65.47	65.47	40	PL	40
DIRECT	KC	1843	5.4	4.0	51.9	51.9	51.9	13	PL	13
TDM	SW	1138	5.4	4.0	25	25	25	37	PL	37
DIRECT	SW	1562	5.4	4.2	67.5	67.5	67.5	116	PL	116

CIRCUIT ASSEMBLY LIST

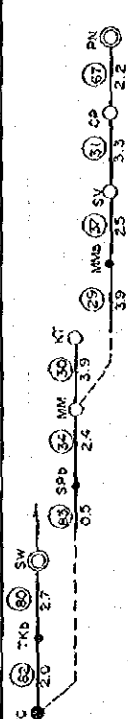
TANDEN	OFFICE	TRANSMISSION ROUTE	KIND OF CIRCUIT	DESTINATION OFFICE	NO. 39	TRANSMISSION SYSTEM & LOSS (dB) RESISTANCE (Ω)		NUMBER OF INTER-EXCHANGE JUNCTION CIRCUITS												
						TRANSMISSION LOSS TOTAL RESISTANCE TOTAL	RESISTANCE TOTAL	(40)	(41)	(42)	(43)	(44)	(45)							
T2	NONTHABURI (NN)		TDM	KK	53	9L 1.6, 9L 0.8, 9L 0.8, 9L 0.8	65L 1.9													
			TDM	KK	1129	9L 376, 9L 179	9L 173													
			OTO	KK	38143	9L 1.8, 9L 0.8	9L 1.1													
			TDM	PY	601950	9L 376, 9L 179	9L 222													
			DIRECT	BS	841	9L 1.8, 9L 0.8	9L 1.4													
			TDM	PL	320	9L 320	9L 1.2													
			TDM	PL	1219	9L 376, 9L 179	9L 256													
			TDM	LS	46	9L 1.4, 9L 0.2	9L 1.6													
			TOLL	LS	995	9L 299, 9L 1.4	9L 0.2													
			MC	LS	601996	9L 299, 9L 1.4	9L 25													
			DIRECT	NW	998	9L 1.4, 9L 0.2	9L 1.6													
			TDM	TH	36	9L 36	9L 331													
			DIRECT	TH	249	9L 249	9L 1.4													
			TDM	TH	841	9L 376, 9L 179	9L 286													
			DIRECT	TH	83	9L 83	9L 2.2													
			TDM	PN	1861	9L 376, 9L 179	9L 492													
			TDM	PN	841	9L 376, 9L 179	9L 286													
			TDM	SW	61	9L 1.8, 9L 0.8	9L 1.2													
					1309	9L 376, 9L 179	9L 296													

CIRCUIT ASSEMBLY LIST



TANDA	KIND OF CIRCUIT	OFFICE	DESTINATION OFFICE	NO. 40	TRANSMISSION LOSS TOTAL (dB)	RESISTANCE (Ω)	TRANSMISSION ROUTE	NUMBER OF				CIRCUITS		
								(64)	(65)	(66)	(67)			
	T7	TROKCHAN (TC)												
	TDM		KK	62	TC	5L 42	9L 20							
	TOLL		KK	1355		934	9L 20							
	OTD		KK	60+1355		5L 42	9L 20							
	DIRECT		KK	42	62	934	9L 20							
	TDM		SR	1718		934	5L 42							
	DIRECT		SR	84	94	934	5L 42							
	TDM		BP	1061		934	9L 20							
	DIRECT		BP	1844		934	9L 20							
	TDM		PW	1033		934	5L 42							
	DIRECT		PW	1695		964	751							
	TDM		SS	1711		934	9L 20							
	DIRECT		SS	1711		934	9L 20							
	TDM		PY	1866		934	9L 20							
	DIRECT		PY	1867		934	9L 20							
	TDM		BS	1867		934	9L 20							
	DIRECT		BS	1867		934	9L 20							
	TDM		LP-2	964/759		964	9L 17							
	DIRECT		LS	60+964		964	9L 17							
	TDM		RID	964/663		964	9L 17							
	DIRECT		RID	964/663		964	9L 17							
	TDM		TH	1907		934	9L 17							
	DIRECT		TH	1907		934	9L 17							
	TDM		PD	1907		934	9L 17							
	DIRECT		PD	1907		934	9L 17							
	TDM		BC	1771		934	9L 17							
	DIRECT		BC	1771		934	9L 17							
	TDM		DK	1833		934	9L 17							
	DIRECT		DK	1833		934	9L 17							
	TDM		SW	964		964	9L 17							
	DIRECT		SW	964		964	9L 17							
	TDM		TK	1984		934	9L 17							
	DIRECT		TK	1984		934	9L 17							
	TDM		SP	189		189	9L 17							
	DIRECT		SP	189		189	9L 17							

CIRCUIT ASSEMBLY LIST



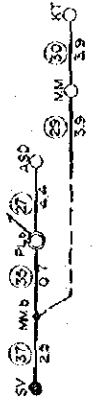
MIND OF CIRCULARITY	OFFICE	DESTINATION OFFICE	TRANSMISSION SYSTEM & LOSS (dB) RESISTANCE (Ω)		NUMBER OF INTER-EXCHANGE JUNCTION CIRCUITS								
			TRANSMISSION LOSS (dB)	RESISTANCE (Ω)	INTER-EXCHANGE	JUNCTION CIRCUITS							
T	TROKCHAN (TC)	NO. 40	PL	5.4	1.5	4.2	9	1.2	33	33	SW	---	
			PL	9.9	5	4.4	5N	4.5	---	62	---	---	---
			MM	17.2	2.9	8.64	---	87.5	---	---	---	---	---
			SV	10.2	1.8N	2.5	---	7.7	---	---	---	---	---
			KT	7.2	---	1.72	---	7.60	SV	---	---	---	---
			PN	6.3	---	1.72	---	6.5N	4.7	---	---	---	---
			PN	1.009	---	2.16	---	2.12	---	---	---	---	---
			PN	1.205	---	2.16	---	4.10	---	---	---	---	---
			CP	1.538	---	1.72	---	5.12	---	---	---	---	---
			PS	9.647	---	5.64	---	3.09	---	---	---	---	---
DIRECT	MM	1.928	---	3.54	---	4.45	---	---	---	---	---		
	MM	---	---	---	---	---	---	---	---	---	---		
TDM	TROKCHAN (TC)	NO. 40	PL	5.4	1.5	4.2	9	1.2	33	33	SW	---	
			PL	9.9	5	4.4	5N	4.5	---	62	---	---	
			MM	17.2	2.9	8.64	---	87.5	---	---	---	---	
			SV	10.2	1.8N	2.5	---	7.7	---	---	---	---	
			KT	7.2	---	1.72	---	7.60	SV	---	---	---	---
			PN	6.3	---	1.72	---	6.5N	4.7	---	---	---	---
			PN	1.009	---	2.16	---	2.12	---	---	---	---	---
			PN	1.205	---	2.16	---	4.10	---	---	---	---	---
			CP	1.538	---	1.72	---	5.12	---	---	---	---	---
			PS	9.647	---	5.64	---	3.09	---	---	---	---	---
DIRECT	MM	1.928	---	3.54	---	4.45	---	---	---	---	---		
	MM	---	---	---	---	---	---	---	---	---	---		

CIRCUIT ASSEMBLY LIST



TANDEM	OFFICE	TRANSMISSION ROUTE	TRANSMISSION SYSTEM & LOSS (dB) RESISTANCE (Ω)		NUMBER OF INTER-EXCHANGE JUNCTION CIRCUITS	
			DESTINATION OFFICE	LOSS TOTAL (dB) RESISTANCE (Ω)	INTER-EXCHANGE	JUNCTION
T6	ONNUIT (ON)	NO.42				
TDM T1	KK	9L 23 504	9L 14 506	KK ON 39		
TDM T2	KK	9L 25 534	PCM 20	KK ON 5		
TDM T3	PY	9L 25 534	PCM 20	PY ON 22		
TDM T4	PL	9L 23 504	9L 25 543	PL ON 31		
TDM T5	LS	9L 25 534	PCM 20	LS ON 18		
TDM T6	TH	9L 25 534	PCM 20	TH ON 21		
TDM T7	PN	9L 25 534	PCM 20	PN ON 297		
TOLL	PN	9L 25 534		PN ON 35		
M C	PN	9L 25 534		PN ON 4		
DIRECT	CP	9L 23 504	9L 25 543	CP ON 12	12 CP	
TDM T7	SW	9L 23 504	9L 12 261	SW ON 25		

CIRCUIT ASSEMBLY LIST

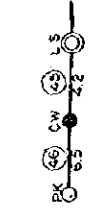


TANDA	OFFICE	TRANSMISSION ROUTE	TRANSMISSION SYSTEM % LOSS (P) RESISTANCE (R)		NUMBER OF INTER-EXCHANGE JUNCTION CIRCUITS	
			NO. 44	NO. 45	NO. 46	NO. 47
KIND OF CIRCUIT	DESTINATION OFFICE	TRANSMISSION LOSS TOTAL (P) RESISTANCE (R)	NO. 44	NO. 45	NO. 46	NO. 47
T3	SUKHUMVIT (SV)					
TDM	KK	55 SV 1207 646 55 2.6 KK				
DIRECT	KK	55 SV 1482 676 55 2.6 KK				
TOLL	KK	732 34 55 2.0 9L 1.4				
OTO	KK	732 34 55 2.0 9L 1.4				
DIRECT	PW	1050 102 55 4.9 55 5.3 55 5.3 55 5.3				
DIRECT	SR	1757 85 65 2.0 5L 3.7 5L 2.8 55				
DIRECT	SS	1860 105 65 2.0 5L 3.7 55 5.3 55 5.3				
DIRECT	BP	1951 1951 426 401 237				
TDM	PY	1269 57 SV 645 65 2.6 55 2.6				
DIRECT	PY	1380 53 65 2.0 55 2.6 55 2.6				
TOLL	PY	834 39 65 2.0 9L 1.4				
DIRECT	BS	1722 78 65 2.0 55 2.6 55 2.6 55 2.6				
DIRECT	IM	1868 79 65 2.0 55 2.6 55 2.6 55 2.6				
DIRECT	LP1	1741 79 65 2.0 55 2.6 55 2.6 55 2.6				
DIRECT	LP2	1748 79 65 2.0 55 2.6 55 2.6 55 2.6				
TDM	PL	371 371 426 401 237				
T3	PL	456 22 65 2.2 55 2.6 55 2.6 55 2.6				
DIRECT	ASD	1281 77 65 2.2 55 2.6 55 2.6 55 2.6				
DIRECT	MM	760 77 65 2.2 55 2.6 55 2.6 55 2.6				
DIRECT	KT	1314 86 65 2.2 55 2.6 55 2.6 55 2.6				
TDM	LS	42 42 65 2.2 55 2.6 55 2.6 55 2.6				
T4	BK	456 29 65 2.0 55 2.6 55 2.6 55 2.6				
DIRECT	R10	1976 73 65 2.2 55 2.6 55 2.6 55 2.6				

CIRCUIT ASSEMBLY LIST

KIND OF CIRCUIT	OFFICE	TRANSMISSION ROUTE	TRANSMISSION SYSTEM	LOSS (db)	RESISTANCE (Ω)	NUMBER OF CIRCUITS				
						INTER-	EXCHANGE	JUNCTION	CIRCUITS	
T ₃	SUKHUMVIT (SV)	NO. 44	TH	59	55	2.0	5	10	5	29
			TH	1293	426	2.0	23	536	37	37
			TH	84	55	2.0	5	2.4	29	25
			DK	1844	426	2.0	455	97.3	15	13
			DK	81	65	2.0	65	2.7	15	13
			PD	1770	426	2.0	445	606	15	15
			PD	678/60-1694	5	3.1	PCM	2.0	15	15
			PN	1118	676	3.0	5	2.1	38	38
			PN	83	665	5.0	5	3.3	20	20
			PN	1032	619	3.0	5	2.1	3	3
T ₆			CP	1118	665	5.0	5	3.3	3	3
			CP	619	519	5.0	5	4.3	86	86
			HM	1661	600	4.9	65	4.9	29	29
			HM	86	65	2.0	5	4.5	14	14
			KC	1874	426	2.0	100	447	17	17
			BN	1983	665	3.0	423	895	14	14
			PS	67	665	3.0	5	3.0	14	14
			PS	1899	665	3.0	141	109.3	19	19
			SW	42	65	2.0	65	2.2	84	84
			SW	901	426	4.9	5	5.5	13	13
DIRECT			SW	1275	600	4.9	675	64	64	
			TC	102	235	7.7	13	2.5	13	13
			TC	932	760	7.7	172	13	13	
			TC							

CIRCUIT ASSEMBLY LIST



TANDEM	OFFICE	TRANSMISSION ROUTE	NO. 45		TRANSMISSION SYSTEM & LOSS(6) RESISTANCE (U)	NUMBER OF		JUNCTION	CIRCUITS
			TRANSMISSION LOSS TO (40) RESISTANCE (U)	RESISTANCE (U)		(49)	(43)		
T4	CHAENGWATANA (CW)								
KIND OF CIRCUIT	DESTINATION OFFICE	TRANSMISSION SYSTEM & LOSS(6) RESISTANCE (U)	TRANSMISSION LOSS TO (40) RESISTANCE (U)	RESISTANCE (U)					
TDM T1	KK	5L 4.0 PCM 2.0 PCM	60 868	868	KK	28	15		
OTD	KK	5L 4.0 PCM 2.0 PCM	14 1260	868	KK	5			
TDM T2	PY	5L 4.0 PCM 2.0 PCM	60 868	868	PY	23	15		
TDM T3	PL	5L 4.0 PCM 2.0 PCM	60 868	868	PL	19	15		
TDM	LS	5L 4.0 PCM 2.0 PCM	60 868	868	LS	230	15		
M.C	LS	5L 4.0 PCM 2.0 PCM	60 868	868	LS	6	4		
TOLL	LS	5L 4.0 PCM 2.0 PCM	60 868	868	LS	35			
DIRECT	LS	5L 4.0 PCM 2.0 PCM	60 868	868	LS	12			
TDM T5	TH	5L 4.0 PCM 2.0 PCM	60 868	868	TH	16	15		
TDM T6	PN	5L 4.0 PCM 2.0 PCM	60 868	868	PN	21	15		
TDM T7	SW	5L 4.0 PCM 2.0 PCM	60 868	868	SW	19	15		

CIRCUIT ASSEMBLY LIST



TANDEM	OFFICE	TRANSMISSION ROUTE	TRANSMISSION SYSTEM & LOSS(%) RESISTANCE (Ω)	NUMBER OF			
				INTER	EXCHANGE	JUNCTION	CIRCUITS
T4	BANGSUATHONG (BT)						
			NO. 47				
KIND OF CIRCUIT	DESTINATION OFFICE	TRANSMISSION LOSS TOTAL(%)	RESISTANCE TOTAL				
OTO T1	KK	2.0	PCM 20	PCM	2	2	LS
TDM T4	LS	2.0	PCM 20	PCM	2	2	LS
TOLL	LS	2.0	PCM 20	PCM	2	2	LS
M C T5	TH	5.8	PCM 20	PCM	4	4	LS
		8.4	PCM 20	PCM	2	2	LS

CIRCUIT ASSEMBLY LIST

LB 1/1

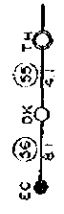


TANDA	OFFICE	TRANSMISSION ROUTE	KIND OF CIRCUIT	DESTINATION OFFICE	TRANSMISSION LOSS TOTAL (dB)	RESISTANCE (Ω)	SYSTEM	LOSS (dB)	RESISTANCE (Ω)	NUMBER OF INTER-EXCHANGE	JUNCTION	CIRCUITS		
													NO. 49	PCM-20
T.6	LADKABANG (LB)		TDM	KK	4.8	2.8	PCM-20	PCM-10	PCM-5	PCM-2.5	PCM-1.5	PCM-1	PCM-0.5	PCM-0.25
			OTD	KK	5.9	3.5	PCM-20	PCM-10	PCM-5	PCM-2.5	PCM-1.5	PCM-1	PCM-0.5	PCM-0.25
			TDM	PY	2.0	2.0	PCM-20	PCM-10	PCM-5	PCM-2.5	PCM-1.5	PCM-1	PCM-0.5	PCM-0.25
			TDM	PL	2.0	2.0	PCM-20	PCM-10	PCM-5	PCM-2.5	PCM-1.5	PCM-1	PCM-0.5	PCM-0.25
			TDM	LS	3.9	842	PCM-20	PCM-10	PCM-5	PCM-2.5	PCM-1.5	PCM-1	PCM-0.5	PCM-0.25
			TDM	TH	2.0	2.0	PCM-20	PCM-10	PCM-5	PCM-2.5	PCM-1.5	PCM-1	PCM-0.5	PCM-0.25
			TDM	PN	2.0	2.0	PCM-20	PCM-10	PCM-5	PCM-2.5	PCM-1.5	PCM-1	PCM-0.5	PCM-0.25
			TOLL	PN	2.0	2.0	PCM-20	PCM-10	PCM-5	PCM-2.5	PCM-1.5	PCM-1	PCM-0.5	PCM-0.25
			M C	PN	2.0	2.0	PCM-20	PCM-10	PCM-5	PCM-2.5	PCM-1.5	PCM-1	PCM-0.5	PCM-0.25
			TDM	SW	4.4	505	PCM-20	PCM-10	PCM-5	PCM-2.5	PCM-1.5	PCM-1	PCM-0.5	PCM-0.25

NO. 109

CIRCUIT ASSEMBLY LIST

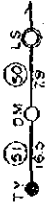
EC 1/1



TANDEN	OFFICE	TRANSMISSION ROUTE	TRANSMISSION SYSTEM & LOSS(%) RESISTANCE (Ω)		NUMBER OF INTER-EXCHANGE		JUNCTION		CIRCUITS	
			KIND OF CIRCUIT	DESTINATION OFFICE	LOSS TOTAL (%)	RESISTANCE TOTAL (Ω)	NO.	NO.	NO.	NO.
T5	E KACHAI (EC)									
				NO. 52						
TOM	T1		(47) 8.4	9L 2.5	65L 23	TH	53	36	4	4
			60.1 84.0	5.49	507				38	TH
			(39) 5.7	9L 2.5	9L 12				4	4
OTD			60.1 233	5.49	263				4	4
TOM	T2		59	9L 2.5	9L 12	TH	PCM 20	PCM	4	4
			842	5.49	293				16	TH
TDM	T3		59	9L 2.5	9L 12	TH	PCM 20	PCM	4	4
			842	5.49	293				22	TH
TDM	T4		59	9L 2.5	9L 12	TH	PCM 20	PCM	4	4
			842	5.49	293				12	TH
TOLL			59	9L 2.5	9L 12	TH			31	TH
			842	5.49	293				12	TH
			480	5.49	293				31	TH
DIRECT	T5		62	9L 2.5	5L 37				12	TH
			1368	5.49	819				12	TH
			77	9L 2.5	9L 12				21	TH
			690	5.49	268				21	TH
TDM			39	9L 2.5	9L 14				22	TH
			842	5.49	293				22	TH
MC			39	9L 2.5	9L 14				3	TH
			842	5.49	293				3	TH
TDM	T6		32	9L 2.5	9L 12	TH	PCM 20	PCM	4	TH
			842	5.49	293				23	TH
TDM	T7		53	9L 2.5	9L 12	TH	9L 16	SW	4	TH
			1156	5.49	263				22	TH

NO.112

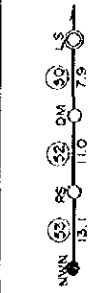
CIRCUIT ASSEMBLY LIST



TANDEN	OFFICE	TRANSMISSION ROUTE	TRANSMISSION SYSTEM S. LOSS (dB)		RESISTANCE (Ω)		NUMBER OF		INTER-EXCHANGE		JUNCTION		CIRCUITS	
			PCW	PCM	PCW	PCM	7	4	7	4	7	4	7	4
T4	THANABURI (TY)													
			NO. 54											
KIND OF CIRCUIT	DESTINATION OFFICE	TRANSMISSION SYSTEM	LOSS TOTAL	RESISTANCE TOTAL	PCW	PCM	PCW	PCM	PCW	PCM	PCW	PCM	PCW	PCM
TDM	KK	PCM 2.0	2.0	2.0	PCM	PCM	PCM	PCM	PCM	PCM	PCM	PCM	PCM	PCM
OTD	KK	PCM 2.0	2.0	2.0	PCM	PCM	PCM	PCM	PCM	PCM	PCM	PCM	PCM	PCM
TDM	LS	PCM 2.0	2.0	2.0	PCM	PCM	PCM	PCM	PCM	PCM	PCM	PCM	PCM	PCM
TOLL	LS	PCM 2.0	2.0	2.0	PCM	PCM	PCM	PCM	PCM	PCM	PCM	PCM	PCM	PCM
M C	LS	PCM 2.0	2.0	2.0	PCM	PCM	PCM	PCM	PCM	PCM	PCM	PCM	PCM	PCM

CIRCUIT ASSEMBLY LIST

NWN 1/1



TANDEM	OFFICE	TRANSMISSION ROUTE	TRANSMISSION SYSTEM & LOSS(S) RESISTANCE CU		NUMBER OF INTER-EXCHANGE		JUNCTION		CIRCUITS			
			DESTINATION	LOSS (TOTAL)	RESISTANCE	PS	DM	SW	LS	PS	DM	SW
T4	NAWANAKHON (NWN)											
			NO 55									
			41	438	2.1	41	18	18	18	18	18	18
			41	438	2.1	41	18	18	18	18	18	18
			20			20	10	10	10	10	10	10
			41	438	2.1	41	18	18	18	18	18	18
			20			20	10	10	10	10	10	10
			20			20	10	10	10	10	10	10
			45	528	2.5	45	20	20	20	20	20	20
			45	528	2.5	45	20	20	20	20	20	20

NO 116

CIRCUIT ASSEMBLY LIST

8PO 1/1

KIND OF CIRCUIT	OFFICE	TRANSMISSION ROUTE	TRANSMISSION SYSTEM & LOSS (db) RESISTANCE (Ω)	NUMBER OF		
				INTER-EXCHANGE	JUNCTION	CIRCUITS
T6	BANGPOU (BPO)					
			NO. 57			
			TRANSMISSION LOSS TOTALS (RESISTANCE (Ω))			
T1	KK	PCM-20	2.0	3	2	0
OTD	KK	PCM-20	2.0	2	2	2
T5	PL	PCM-20	4.7	4	6	6
TDM	PN	PCM-20	2.0	90	90	90
TDL	PN	PCM-20	2.0	3	3	3
M C	PN	PCM-20	2.0	2	2	2



NO. 118